

# TRACK NEWSLETTER

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## • WORLD RECORDS •

### PLUCKNETT 237-4

DN Galan, Stockholm, July 7(a)-8(b)  
/Attendance 16,000/10,000; warm/-  
100(a), Evans (Az St) 10.25; 2. Gault (Tn)  
10.26; 3. Nilsson (Swe) 10.45.  
200(b), Evans 20.6; 2. Krulce (SSTC) 21.0;  
3. Jusjo (Swe) 21.0.  
400(a), Josjo 45.63 NR, NJR; 2. Henley (Az  
St) 45.93; 3. Hassan (Sud-Or St) 46.24; 4. Jaff-  
erson (Bay) 46.32; 5. Alebic (Yug) 46.34; 6.  
Smedegaard (Den) 46.49; 7. Carey (UCI) 48.58.  
800, Robinson (ICAC) 1:45.42; 2. Willson  
(AW) 1:46.34; 3. Busse (EG) 1:46.58; 4. Mays  
(Tx T) 1:46.69; 5. Ferner (WG) 1:47.17.(b)  
1500, Coe (GB) 3:31.95 (3, 3 a-t W) (c54,  
c55 [1:49.2], 59.2 [2:48.4]-43.6); 2. Scott  
(Sub 4) 3:34.17 (x, 4 a-t US); 3. Gonzales (Spa)  
3:34.41 NR; 4. Boit (Ken-SCS) 3:34.68 PR; 5.  
Byers (AW) 3:37.96; 6. Coghlan (Eir-NYAC)  
3:38.99; 7. Abascal (Spa) 3:39.28; 8. Baranski  
(WG) 3:39.46; 9. Flynn (Eir-NBTC) 3:42.48. (a)  
St(b), Maminski (Pol) 8:24.72; 2. Rono K.  
(Ken) 8:25.79; 3. Ramon (Spa) 8:26.95; 4.  
Korir (Ken-AA) 8:27.91; 5. Martin (AW)  
8:32.73; 6. Duhaime (Can-VAC) 8:33.50.  
5000(a), Herle (WG) 13:23.79; 2. Centrow-  
itz (NYAC) 13:24.92; 3. J. Treacy (Eir-PTC)  
13:28.45; 4. Clary (AW) 13:29.18; 5. Bayl  
(Tan) 13:30.86; 6. Wessinghage (WG) 13:38.26.  
10,000(b), Nyambui (Tan-UTEF) 27:51.73;  
NR (4, 8 a-t C); 2. Seko (Jap) 27:51.93; 3. Aus-  
tin (Aus) 27:53.30; 4. Hagelesteens (Bel)  
27:55.06; 5. Salazar (Or) 27:56.72; 6. Naka-  
mura (Jap) 28:35.65... dnf-Clary 8:18.3.  
110H(b), Cooper (BAS) 13.6; 2. Veatch  
(SCS) 14.1.  
400H(a), Meier (Swi) 50.89.  
HJ(b), Mogenburg (WG) 7-4; 2. Trzepizur  
(Pol) 7-2; 3. tie, Termin (Yug) & Sjoberg (Swe)  
7-4; 5. Watkins (US) 7-4; 6. Lucero (Mo) 7-4.  
PV(a), Stock (GB) 18-6; NR; 2. Kozakie-  
wicz (Pol) 18-4; 3. Klimczyk (Pol) 18-4; 4.  
Bell (PCC) 18-4; 5. Bellot (Fra) 17-8; 6.  
TJ(b), Banks (AW) 57-7 (x, 3 a-t W; x, 2 a-t  
US) (last jump); 2. Srejovic (Yug) 53-3.  
DT(e, good wind), Plucknett (SCS) 237-4  
WR, AR (72.34) (old WR, AR 233-7/71.20  
Plucknett '81) (217-5, 212-2, 216-6, 237-4,  
225-6, 215-7-avg. 220-9);  
2. Schmidt (EG) 226-7; 3. Powell (AA)  
217-0; 4. Bugar (Cze) 216-2; 5. Tuokko (Fin)  
210-3; 6. Hjeltnes (Nor-SCS) 208-10; 7. Wil-  
kins (AW) 200-8.  
JT(b), Roggy (AW) 292-1 (x, 5 a-t US) (AL);  
2. O'Rourke (NZ) 278-9; 3. Utraiainen (Fin)  
267-5; 4. Paragi (Hun) 267-4; 5. Eldebrink  
(Swe) 258-9; 6. Keihas (Swe) 252-6.  
Women:  
100(a, 2.1), Haglund (Swe) 11.08.  
200(b), Haglund 22.90.  
400(a), Hoyte-Smith (GB) 52.28.  
800, Manning (ORTC) 2:01.14; 2. Cruciata  
(It) 2:02.37; 3. Gendron (Can) 2:04.63; ... 5.  
Ballenger (AW) 2:05.46. (a)

Mile(b), Cruciata 4:24.60 (5, 7 a-t W); 2.  
Waitz (Nor) 4:28.94; 3. Scott (Can) 4:33.02;  
4. Jonna (Swe) 4:39.65; ... 9. Merrill (AGAA)  
4:52.82.  
400H(b), Skoglund (Swe) 57.12.  
3000(a), Wessinghage (WG) 9:06.19; 2. M.  
Joyce (GB-S Di) 9:08.47 (10, x a-t C).  
HJ, Meyfarth (WG) 6-2; 2. Ritter (TWU) 6-4.

### COE 2:12.18

Bissett Games, Oslo, July 11-  
100, Lewis (Hous) 10.19 (pulled hamstring  
at tape); 2. Sanford (SCA) 10.21; 3. Wells (GB)  
10.39; 4. Oban (Gha) 10.44; 5. Walker (Ga)  
10.68; ... dnf-Floyd (HAC) blocks slipped.  
200, Sanford 20.36; 2. Evans (Az St) 20.52;  
3. F. Taylor (PPC) 20.63; 4. Henley (Az St)  
20.86; 5. Collins (PPC) 21.14.  
400, Darden (PPC) 45.89; 2. Smedegaard  
(Den) 46.22; 3. Dickens (GB) 46.25; 4. Coombs  
(Tri-DCI) 46.71.  
800, Robinson (ICAC) 1:44.95; 2. Schmid  
(WG) 1:44.96; 3. Cook (GB) 1:45.76; 4. Grip-  
po (Ita) 1:45.85; 5. Paez (Spa) 1:46.66, .

1000, Coe (GB) 2:12.18 WR (old WR 2:13:40  
Coe '79) (avg. 26.44 per 200) (King [Macc] 25.3,  
26.3 [51.6], Coe 1:18.3, 1:44.6[1]);  
2. Spivey (In) 2:19.03 (8, x a-t US; 7, x a-t  
C); 3. Abascal (Spa) 2:19.57; 4. Kroon (Swe)  
2:19.58; 5. Persson (Swe) 2:19.77.

Mile, Ovett (GB) 3:49.25 (x, 3 a-t W); 2.  
Gonzalez (Spa) 3:49.67 NR (4, 6 a-t W); 3.  
Scott (Sub 4) 3:49.68 AR (old AR 3:51.1  
Ryun [Ks] '67) (6, 7 a-t W); 4. Walker (NZ-  
AA) 3:50.26 (x, 8 a-t W);  
5. Harbour (Bay) 3:50.34 CR (old CR  
3:51.1 Ryun [Ks] '67) (6, 9 a-t W; 2, 2 a-t US);  
6. Cram (GB) 3:50.38 (7, 10 a-t W); 7. Wess-  
inghage (WG) 3:50.91 (x, 12 a-t W); 8. Robson  
(GB) 3:52.44; 9. Coghlan (Eir-NYAC) 3:56.50;  
10. Byers (AW) 4:07.72; ... dnf-Benn (GB)  
All-time best times-for-place in 2-8.  
(Benn 56.7, 58.5 [1:55.2], Byers 2:53.4, Scott  
3:08.2 @ 1300, Ovett 3:21.8 @ 1400.)

10,000, Vainio (Fin) 27:45.50; 2. McChes-  
ney (SMTC) 27:47.25 (4, 6 a-t US); 3. Nyam-  
bui (Tan-UTEF) 28:12.53; 4. Shintaku (Jap)  
28:24.27; 5. Sjaerstad (Nor) 28:25.52; 6.  
Nakamura (Jap) 28:30.12; 7. Levisse (Fra)  
28:38.17; 8. Hutton (GB) 28:39.47; 9. Mc-  
Leod (GB) 28:40.93.  
400H, Moses (UI) 47.99 (his 14th sub-48);  
2. B. Williams (SSTC) 49.93; 3. King (Macc)  
50.37; 4. Whittingham (GB) 50.82.

PV, Klimczyk (Pol) 18-3; 2. Desruelles (Bel)  
17-9; 3. Kozakiewicz (Pol) 17-1; 4. Bohni (Swi-  
SJ St) 17-1; 5. Stusarski (Pol) 17-1; 6. Stock  
(GB) 17-1; 7. Bockmiller (WVTC) 16-5.  
TJ, Banks (AW) 56-6 (x, 8 a-t US); 2.  
Mariow (SSTC) 54-9.  
DT, Plucknett (SCS) 226-2; 2. Bugar (Cze)  
218-2; 3. Tuokko (Fin) 216-5; 4. Powell (AA)

210-2; 5. Wilkins (AW) 198-7; ... 7. Weir (GB-  
SMU) 186-9; ... 8. Hoff (Nor-SMU) 181-4.  
JT, Sinersaari (Fin) 293-4; 2. Roggy (AW)  
291-7 (x, 7 a-t US); 3. Nemeth (Hun) 279-6; 4.  
Lorentzen (Nor-Or) 275-5; 5. Harkonen (Fin)  
265-7; 6. Megelea (Can) 252-10; 7. O'Rourke  
(NZ) 254-11.

### Women:

100, Haglund (Swe) 11.36.  
400, Hoyte-Smith (GB) 51.84.  
800, Schact (WG) 2:02.78; 2. Walton (Tn)  
2:03.13; 3. Gallagher (Pa HS) 2:04.50.  
1500, Scott (Can) 4:10.53; 2. Smith (GB)  
4:12.71; 3. R. Joyce (GB-Wa) 4:13.12; 4. M.  
Joyce (GB-S Di) 4:13.97.

5000, Christensen (Nor) 15:28.43 WR (old  
WR 15:30.6 Merrill [AGAA] '80) (2, 2 a-t W);  
2. Wessinghage (WG) 15:34.76 NR (5, 6 a-t W);  
3. Twomey (AW) 15:39.49 (9, 10 a-t W; 3, 6  
a-t US);  
4. Burskens (Hol) 15:48.29 NR; 5. Fitch  
(Can) 15:58.29; 6. Binns (GB) 15:59.23; 7.  
Nemetz (Swe) 15:59.84; 8. Urish (HH)  
16:09.83; 9. Kleppe (Nor) 16:22.36; 10. Merr  
ill (AGAA) 16:31.45.  
400H, Ray (GB) 56.46; 2. Warden (GB)  
57.37.  
JT, Royle (GB) 172-6.

### CRUZ 1:44.3 WJR

Rio de Janeiro, June 27-800, Cruz (Bra)  
1:44.3 WJR (old WJR 1:44.9y Ryun [US] '66)  
(52.2/52.1) (18, born 1963). LJ, Oliveira (Bra)  
25-9%.

Women: 100, Garcia (Bra-FI St) 11.4.

### NEUBERT 6716

East Germany-USSR Multi-Events, Kiev,  
June 27-28-

Hept(EG 25,272-SU 24,254), Neubert (EG)  
6716 WR (old WR 6621 Neubert '81) (13.70,  
50-6%, 6-1%, 23.58, 22-4%, 133-3, 2:06.72)  
(pent-4962 [2, 2 a-t W]); 2. Vater (EG)  
6260 (13.86, 44-1%, 6-0, 24.51, 21-5%, 120-2,  
2:12.71) (p: 4657); 3. Mobius (EG) 6210  
(13.63, 44-6%, 5-10%, 24.94, 21-7, 123-5,  
2:16.00) (p: 4630);  
4. Gordiyeva 6203; 5. Vinogradova (SU)  
6153; 6. Heidrun (EG) 6085; ... 9. Dietze  
(EG) 5893 WJR (old best unknown).  
Dec(EG 48,447-SU 47,610), Kutsyenko  
(SU) 8305 (11.23, 22-10%, 49-11%, 6-6%,  
48.69, 15.28, 155-0, 15-1, 212-6, 4:11.61-  
performances listed add to only 8234); 2. U.  
Freimuth (EG) 8213 (11.31, 24-2%, 49-2%, 7-4,  
49.41, 14.93, 149-10, 15-1, 211-8, 4:33.31);  
3. Dektyarev (SU) 8124;  
4. Stark (EG) 8117; 5. Schaperkottler (EG)  
8109; 6. Schablenco (SU) 8080 (ns); 7. Grum-  
mt (EG) 8084; 8. Voss (EG) 8044; 9. Apaitsh-  
chev (SU) 7966; 10. Lindner (EG) 7889; 11.  
Kaukis (SU) 7805.

## • EUROPEAN CUP SEMIFINALS •

### MEN (July 4[a]-5[b])

Villeneuve-D'Ascq, France—Teams: 1. East Germany 143; 2. Italy 125; 3. France 109; 4. Czechoslovakia 95½; 5. Belgium 80½; 6. Holland 63; 7. Greece 57; 8. Danmark 44.

100(a, 0.3), Emmelmann (EG) 10.33; 2. Panzo (F) 10.44; 3. Ziuliani (I) 10.61. 200(b, 0.6), Hoff (EG) 20.92; 2. Zuliani 20.97; 3. Brouwer (H) 21.11.

400(a), Gijsbers (H) 45.80 NR; 2. Knebel (EG) 45.88; 3. Smedegaard (D) 46.08. 800(b), Dupont (F) 1:47.57; 3. Grippo (I) 1:47.65; 3. Wagenknecht (EG) 1:47.90.

1500(a), Beyer (EG) 3:47.22; 2. A. Gonzalez (F) 3:48.11; 3. Nevens (B) 3:48.29.

St(b), Scartezzini (I) 8:24.30; 2. Melzer (EG) 8:27.68; 3. Mahmoud (F) 8:28.02; 4. Koeleman (H-Clem) 8:33.39.

5000(b), Puttemans (B) 13:50.27; 2. Schildhauer (EG) 13:50.61; 3. F. Gonzalez (F) 13:51.02.

10,000(a), Schildauer 28:21.58; 2. Hagelstaens (B) 28:29.67; 3. Gerbi (I) 28:31.59.

110H(b, 1.0), Munkelt (EG) 13.55; 2. Ivan (C) 13.76; 3. Hatil (F) 13.87.

400H(a), Kodejs (C) 49.47; 2. Konow (EG) 49.70; 3. Geilini (I) 49.72.

4 x 100(a), East Germany 39.03 (Emmelmann, Hoff, Hubler, Kubeck); 2. France 39.09; 3. Italy 39.43.

4 x 400(b), Italy 3:03.22 (Malinverni 46.5, DiGuida 45.5, Ribaud 46.3, Zuliani 45.0); 2. Belgium 3:03.68 NR (De Leeuw 46.6, Roelandt 45.4, Van den Berg 46.9, Brydenbach 44.8); 3. East Germany 3:04.50; 4. Czechoslovakia 3:04.51; 5. France 3:05.38.

HJ(a), DiGiorgio (I) 7-5; 2. Bonnet (F) 7-4½; 3. tie, Vondra (C) & Borra (B) 7-1½; 5. Beilschmidt (EG) 7-¾.

PV(b), Desruelles (B) 17-4½; 2. Vigneron (F) 17-¾; 3. Weber (EG) 17-¾.

LJ(a), Leitner (C) 26-5¼w (f, f, 24-9¼, 25-4¼, 25-5¼, 26-5¼w); 2. Lange (EG) 26-2½; 3. Evangelisti (I) 25-5¼.

TJ(b), Plapam (I) 53-10½; 2. Marinac (C) 53-7¾; 3. Goring (EG) 53-7; 4. Lamitie (F) 53-6¾.

SP(a), M. Schmidt (EG) 63-8½; 2. Viudes (F) 63-0; 3. Vasilek (C) 62-11¼.

DT(b), W. Schmidt (EG) 225-2 (222-4, 198-11, 216-1, 218-4, 216-0, 225-2); 2. Bugar (C) 211-7; 3. Martino (I) 190-5.

HT(b), Steuk (EG) 240-9; 2. Urlando (It) 237-9; 3. Chamrad (C) 229-11.

JT(a), Michel (EG) 290-3 (290-3, 286-5, 278-4, f, f, f); 2. Ghiesini (I) 265-3; 3. Baklatz (C) 264-9; 4. Lutul (F) 256-9.

Warsaw, Poland—Teams: 1. Poland 128; 2. West Germany 126; 3. Hungary 125; 4. Spain 102; 5. Switzerland 84; 6. Austria 64; 7. Portugal 51; 8. Eire 40.

100(a, 4.5), Woronin (P) 10.15; 2. Nagy (H) 10.28; 3. Arguez (Sp) 10.45.

200(b), Woronin 20.55; 2. Skamrahl (WG) 20.62; 3. Hagy (H) 20.85.

400(a), Skamrahl 46.0; 2. Ujhelyi (H) 46.19; 3. Stepien (P) 46.56; . . . 5. Kamber (Sw-SJ St) 47.23.

800(b), Wulbeck (WG) 1:49.47; 2. Paroczai (H) 1:49.53; 3. Paez (Sp) 1:50.21; . . . 7. O'Mara (E-Ar St) 1:51.38.

1500(a), Gonzalez (Sp) 3:48.22; 2. Deleze (Sw) 3:48.49; 3. Nemeth (A) 3:48.84; . . . 7. Wessinghage (WG) 3:55.69.

St(b), Maminski (P) 8:33.98; 2. Ilg (WG) 8:38.32; 3. Ramon (Sp) 8:40.30.

5000(b), Wessinghage 13:50.65; 2. Janczul (P) 13:51.36; 3. Cerrada (Sp) 13:51.52.

10,000(a), Lopes (P) 28:11.89; 2. Ryffel (Sw) 28:27.76; 3. Millionig (A) 28:28.64.

110H(b), Donges (WG) 13.70; 2. Bakos (H) 13.77; 3. Giegiel (P) 13.78; 4. Moracho (Sp)

13.90; 5. Schneider (Sw) 13.98.

400H(a), Schmid (WG) 49.9; 2. Alonso (Sp)

50.7; 3. Meier (Sw) 50.8; 4. Carvalho (P) 51.5.

4 x 100(a), Poland 39.0 (Zwolinski, Licznarski, Dunecki, Woronin); 2. Hungary 39.25;

3. West Germany 39.87. 4 x 400(b), West Germany 3:04.37 (Weppeler, Krieg, Herrmann, Schmid); 2. Poland

3:06.49; 3. Hungary 3:08.26.

HJ(a), Trzepizur (P) 7-4½; 2. Szeles (H) 7-3¾; 3. Nagel (WG) 7-3¼.

PV(b), Klimczyk (P) 18-¾; 2. Lohre (WG) 17-8¾; 3. Bohni (Sw-SJ St) 17-¾.

LJ(a), Klimaszewski (P) 26-11¼w (f, 25-7w, 26-3w, 26-11¼w, f, f); 2. Szalma (H) 26-4¼w (26-¾); 3. Bernhard (Sw) 26-3w (26-1¼); 4. Corgos (Sp) 25-8¾.

TJ(b), Bakosi (H) 55-7; 2. Cid (Sp) 54-5½; 3. Sosora (P) 53-6¾.

SP(a), Szabo (H) 63-3¾; 2. Kropelnicki (P) 61-10¾; 3. Gelhausen (WG) 61-9¾.

DT(b), Wagner (WG) 200-5; 2. Szegletes (H) 196-11; 3. Grabowski (P) 187-11.

HT(b), Ploghaus (WG) 252-2; 2. Tomaszewski (P) 237-1; 2. Tamas (H) 234-11.

JT(a), Nemeth (H) 267-8; 2. Adamus (P) 264-7; 3. Maync (Sw) 228-6; 4. Wessig (WG) 223-3 (injured during competition).

Helsinki, Finland—Teams: 1. Great Britain 134; 2. Soviet Union 128; 3. Finland 115½; 4. Yugoslavia 88; 5. Bulgaria 83¾; 6. Sweden 75; 7. Norway 64; 8. Turkey 20.

100(a), Wells (GB) 10.43; 2. Karanotov (B) 10.71; 3. Aksinin (SU) 10.73.

200(b), Wells 20.81; 2. Muravyev (SU) 21.32; 3. Zalic (Y) 21.40.

400(a), Alebic (Y) 46.37; 2. Scutt (GB) 46.64; 3. Josjoe (S) 46.74; . . . 5. Valiulis (SU) 47.01.

800(b), Coe (GB) 1:47.57; 2. Kirov (SU) 1:49.11; 3. Harkonen (F) 1:49.50; 4. Breigan (N-SJ St) 1:50.63. (Coe's last 200 23.6 [I]).

8500(a), Ovett (GB) 3:46.47; 2. Laine (F) 3:47.13; 3. Pokrajcic (Y) 3:47.37; 4. Malozyemlin (SU) 3:47.37.

St(b), Ekblom (F) 8:26.80; 2. Hackney (GB) 8:29.71; 3. Nesteryuk (SU) 8:34.07.

5000(b), Smith (GB-Prov) 13:47.02; 2. Abramov (SU) 13:47.03; 3. Vainio (F) 13:51.82.

10,000(a), Vainio 28:15.92; 2. Goater (GB) 28:17.88; 3. Anisimov (SU) 28:51.50.

140H(b), Bryggare (F) 13.77; 2. Holtom (GB) 13.92; 3. Shabanov (SU) 13.94.

400H(a), Arkhipyan (SU) 50.25; 2. Oakes (GB) 50.93; 3. Kopitar (Y) 51.04.

4 x 100(a), Great Britain 39.78 (Green, Wells, McFarlane, McMaster); 2. Soviet Union 39.99; 3. Sweden 40.69.

4 x 400(b), Great Britain 3:04.87 (Dickens, Bennett, Cook Scutt); 2. Soviet Union 3:05.18; 3. Yugoslavians 3:08.03; 4. Finland 3:09.33.

HJ(a), Granenkov (SU) 7-4½; 2. Temim (Y) 7-1½; 3. Naylor (GB) 7-1¼.

PV(b), Stock (GB) 18-4¼ NR; 2. Haapakoski (F) & Tarev (B) tie, 17-8¾; 4. Volkov (SU) 17-¾; 5. Issaksson (S) 16-8¾.

LJ(a), Mitchell (GB) 25-11½; 2. Yanev (B) 25-8¾; 3. Srebovic (Y) 25-6; 4. Abbyssanov (SU) 24-11¼.

TJ(b), Pousi (F) 54-11½; 2. Uudmaa (SU) 54-10; 3. Mopre (GB) 54-2¼.

SP(a), Barishnikov (SU) 65-8¾; 2. Lazarevic (Y) 65-5¾; 3. Christov (B) 63-2¼; 4. Stahilberg (F) 63-¾; 5. Hjeltnes (N-SCS) 62-6¾.

DT(b), Tuokko (F) 220-8; 2. Hjeltnes 218-0; 3. Kovtsun (SU) 204-11.

HT(b), Syedikh (SU) 250-7; 2. Tiainen (F) 235-9; 3. Dylgerov (B) 234-8; 4. Olsen (N-SMU) 232-3; 5. Weir (GB-SMU) 227-8.

JT(a), Sinerseari (F) 284-8; 2. Lorentzen (N-O) 278-6 (CL); 3. Ottley (GB) 273-10; 4. Kula (SU) 268-11.

East Germany, Italy, Great Britain, USSR, Poland, West Germany & Yugoslavia (host nation) qualify for the European Cup final (Zagreb, August 15-16). The eighth team will be chosen at B final (Athens, August 1-2) from France, Czechoslovakia, Finland, Hungary, Spain & Greece (as host).

### WOMEN (July 5)

Bodo, Norway—Teams: 1. Soviet Union 107; 2. Hungary 86; 3. Italy 80; 4. Rumania 75; 5. Norway 60; 6. Belgium 55½; 7. Switzerland 49½; 8. Greece 27.

100, Zolotaryeva (SU) 11.88; 2. Masullo (I) 11.93; 3. Orosz (H) 11.95.

200, Bochina (SU) 23.72; 2. Orosz 23.93; 3. Masullo 24.31.

400, Nazarova (SU) 51.84; 2. Petrinka (H) 53.30; 3. Samungi (R) 53.74.

800, Mineyeva (SU) 2:00.51; 2. Dorio (I) 2:01.10; 3. Lovin (R) 2:01.34.

1500, Marasescu (R) 4:10.08; 2. Smolka (SU) 4:12.02; 3. Possamal (I) 4:14.56.

3000, Pulca (R) 8:41.08 (WL); 2. Waitz (N) 8:45.42; 3. Cruciata (I) 8:47.10; 4. Sycheva (SU) 8:55.69.

100H, Kamenkudze (SU) 13.31; 2. Fredriksen (N) 13.98; 3. Stoica (R) 14.15.

400H, Kastetskaya (SU) 57.1; 2. Cirulli (I) 58.2; 3. Michel (B) 58.3.

4 x 100, Soviet Union 44.02; 2. Hungary 45.0; 3. Italy 45.23; 4. Switzerland 45.47.

4 x 400, Soviet Union 3:31.85; 2. Hungary 3:34.99; 3. Rumania 3:35.44.

HJ, tie, Meier (Sw) & Soteway (B) 5-11½; 2. Bykova (SU) 5-11¼.

LJ, Proskuryakova (SU) 21-4¾; 2. Vanyek (H) 21-3¾; 3. Norello (I) 20-2¼.

SP, Isayeva (SU) 60-2¼; 2. Petrucci (I) 56-3¾; 3. Horvath (H) 55-9¾.

DT, Ionescu (R) 189-6; 2. Lesovaya (SU) 185-4; 3. Bano (I) 183-9.

JT, Girbea (R) 195-1; 2. Janak (H) 194-2; 3. Sakorafa (G) 190-10; . . . 7. Blodniec (SU) 170-9.

Frankfurt, West Germany—Teams: 1. East Germany 112; 2. West Germany 97; 3. Czechoslovakia 81; 4. Poland 73; 5. Sweden 66; 6. Austria 43; 7. Eire 38; 8. Portugal 24.

100, Wockel (EG) 11.20; 2. Haglund (S) 11.26; 3. Sommer (WG) 11.61.

200, Kratochvilova (C) 22.26; 3. Wockel 22.27; 3. Haglund 23.0.

400, Kratochvilova 49.17 (2, 8 a-t W) NR; 2. Rubsam (EG) 51.40; 3. Everts (WG) 52.80.

800, Steuk (WG) 1:59.73; 2. Klinger (WG) 1:59.93; 3. Januchta (P) 1:59.93.

1500, Sbact (WG) 4:10.92; 2. Bukis (P) 4:11.04; 3. Liebich (EG) 4:13.0.

3000, Friedmann (WG) 9:04.09; 2. Zauber (EG) 9:07.04; 3. Nemetz (S) 9:07.82.

100H, Knaba (EG) 12.99; 2. Kemptin (WG) 13.26; 3. Perka (P) 13.28.

400H, Blaszak (P) 55.78; 2. Neumann (EG) 56.39; 3. Wildova (C) 56.97; 4. Skoglund (S) 57.41; 5. Appleby (E) 57.97.

4 x 100, East Germany 43.20; 2. West Germany 43.71; 3. Sweden 44.53.

4 x 400, East Germany 3:27.03; 2. Czechoslovakia 3:27.13; 3. West Germany 3:27.24.

HJ, Dedner (EG) 6-5 (=8, x a-t W); 2. Meyfarth (WG) 6-4¾; 3. Bulkowska (P) 6-1¼.

LJ, Ulbricht (EG) 22-5¾ =PR (=9, x a-t W) (21-6¼, 22-¾, f, 22-6¼, f, 22-3¾); 2. Hanel (WG) 21-3¾; 3. Prenner (A) 20-7.

SP, Fibingerova (C) 66-8¾; 2. Knorscheidt (EG) 65-11¾; 3. Wilms (WG) 58-6¾.

DT, Jahl (EG) 220-7; 2. Bartonova (C) 198-10; 3. Maneck (WG) 192-7.

JT, Helmschmidt (EG) 198-8; 2. Hommla (EG) 193-8; 3. Blechacz (P) 188-2.

Edinburgh, Scotland—Teams: 1. Great Britain 111; 2. Bulgaria 83; 3. Holland 82½; 4. tie, Finland & France 66½; 6. Yugoslavia 51; 7. Spain 41; 8. Denmark 38½.  
 100(2.2), tie, Laihorinne (FI) & Vader (H) 11.29; 3. Goddard (GB) 11.31.  
 200(2.9), Smallwood (GB) 22.58; 2. Vader 22.86; 3. Laihorinne 23.33.  
 400, Hoyta-Smith (GB) 52.68; 2. Verhoef (H) 53.85; 3. Revaux (Fr) 54.87.  
 800, Zlateva (B) 2:04.85; 2. Van Hulst (H) 2:05.54; 3. Hanson (GB) 2:05.92.  
 1500, Boxer (GB) 4:20.90; 2. Gospodinova (B) 4:21.57; 3. Rasmussen (D) 4:21.80.

3000, Fudge (GB) 9:04.46; 2. Pergan (Y) 9:10.70; 3. Sinovas (S) 9:18.21.  
 100H(0.2), Chardonnat (Fr) 13.27; 2. Strong (GB) 13.28; 3. Rasmussen (D) 13.52.  
 400H, Warden (GB) 59.04; 2. Commandeur (H) 59.89; 3. Soikkeli (FI) 60.34.  
 4 x 100, Great Britain 44.03; 2. Bulgaria 44.66; 3. France 45.68.  
 4 x 400, Great Britain 3:32.61; 2. Holland 3:35.08; 3. Bulgaria 3:35.24.  
 HJ, Vehmasto (FI) 5-11½; 2. Cording (GB) 5-11½; 3. Overmater (H) 5-10½.  
 LJ, Hearnshaw (GB) 21-¾; 2. Zaprianova

(B) 20-9¼; 3. Van Heezik (H) 20-6¾.  
 SP, Kivi (FI) 57-5½; 2. Bertimon (Fr) 54-11¼; 3. Bakthevanova (B) 54-2¾.  
 DT, Ritchie (GB-Az) 209-2; 2. Christova (B) 203-10; 3. Stalman (H-Az St) 190-1.  
 JT, Sanderson (GB) 213-5; 2. Todorova (B) 205-4; 3. Lillak (FI) 203-2 NR.  
 Great Britain, Bulgaria, Soviet Union, Hungary, East Germany, West Germany & Yugoslavia (host) qualify for final (Zagreb). Eighth team will be winner of B final, chosen from Holland, Finland, Italy, Rumania, Czechoslovakia, Poland and Italy (host).

## • MAJOR INTERNATIONAL MEETS •

### USSR 204-US 178

Leningrad, USSR, July 10(a)-11(b)/  
 Men: US 118-USSR 105/-  
 100(a), Phillips 10.21; 2. R. Brown 10.24; 3. Muravyov (SU) 10.39; 4. Shlyapnikov (SU) 10.59.  
 200(b), Phillips 20.50; 2. Muravyov 20.97; 3. Naumenko (SU) 21.04; 4. Wright 21.25.  
 400(a), Wiley 45.54; 2. Roshin (SU) 46.65; 3. Jefferson 46.98; 4. Kononov (SU) 47.09.  
 800(b), Reshetnyak (SU) 1:48.45; 2. Wilson 148.73; 3. Enyeart 1:48.78; 4. Litvinov (SU) 1:48.79.  
 1500(a), Spivey 3:39.10; 2. Masback 3:39.17; 3. Tishchenko (SU) 3:39.91; 4. Malozyemlin (SU) 3:39.98.  
 St(b), Gregorek 8:22.88; 2. Martin 8:24.22  
 3. Vorobey (SU) 8:26.17; 4. Pruss (SU) 8:36.15  
 5000(a), Abramov (SU) 13:42.52; 2. Clary 13:46.90; 3. Padilla 13:48.53; 4. Fyedorin (SU) 13:48.53.  
 10,000(b), Nenow 28:45.86; 2. Stintzi 28:45.87; 3. Shestarov (SU) 29:08.35; 4. Yakutovich (SU) 29:46.60.  
 110H(a), Foster 13.30; 2. Cowling 13.53  
 PR; 3. Chervanov (SU) 13.74; 4. Shabanov (SU) 13.81.  
 400H(a), Phillips 48.96; 2. Lee 49.01; 3. Shkarupiy (SU) 49.38; 4. Arkhipyenko (SU) 50.92.  
 4 x 100(a), Soviet Union 39.04 (Shlyapnikov, Sidorov, Aksinin, Muravyov); 2. United States 39.41 (Brown, Phillips, Grimes, Wright).  
 4 x 400(b), United States 3:01.07 WL, AL (Lee 46.7, Jefferson 44.9, Phillips 45.3, Wiley 44.2); 2. Soviet Union 3:02.05 (Roshin, Kononov, Markin, Valiulis).  
 20,000W(a), Pochenchuk (SU) 1:25:07; 2. Solomin (SU) 1:25:08; 3. O'Connor 1:32:26; ... disq—Heiring.  
 HJ(b), Demyanyuk (SU-guest) 7-7¼ (2.33) WL (5, =7 a-t W) (6-10¼, 7-¾, 7-1¼ [2], 7-3 [3], 7-4¼ [3], 7-6¼ [3], 7-6¼, 7-7¼ [2], 7-9¼ [x, x, x]); 2. Granenkov (SU) 7-6¼; 3. Williams 7-4¼; 4. Howard 7-3; 5. Sereda (SU) 7-3.  
 PV(a), Volkov (SU) 18-8¼; 2. Polyakov (SU) 18-4¼; 3. Bell 17-10¼; ... nh—Smith (17-8¼).  
 LJ(b), Tsepelev (SU) 26-6¼; 2. McRea 25-11; 3. Grimes 25-8; 4. Anikin (SU) 25-4¼.  
 TJ(a), Valyukovich (SU) 56-4¼; 2. Banks 56-1¼; 3. Beskrovny (SU) 54-11; 4. Marlow 54-7¼.  
 SP(a), Carter 69-9 CL (8, x a-t US; 5, x a-t C); 2. Mironov (SU) 67-7¼; 3. Gusev (SU) 67-7¼; 4. Oldfield 67-7.  
 DT(a), Powell 213-6; 2. Kolnootchenko (SU) 205-9; 3. Burns 204-5; 4. Dumtchev (SU) 196-4.  
 JT(b), Makarov (SU) 272-9; 2. Packer 263-6; 3. Kennedy 261-11; 4. Kolosov (SU) 258-11.  
 HT(b), Syedikh (SU) 253-3; 2. Litvinov (SU) 252-11; 3. McKenzie 237-2 (72.30) AR (old AR 235-11 Burke [Striders] '67); 4. Bessette 219-5.

Women: Soviet Union 99-United States 60—  
 100(a), Glover 11.45; 2. Nasonova (SU) 11.52; 3. Zolotareva (SU) 11.61; 4. Washington 11.65.  
 200(b, 0.4), Anisimova (SU) 22.94; 2. Nasonova (SU) 23.50; 3. Mastin 24.15; 4. Bolton 24.25.  
 400(a), Nazarova (SU) 50.99; 2. D. Howard 51.65 AL (10, x a-t US; 2, 4 a-t USJ); 3. Goyshchik (SU) 51.72; 4. Forde 55.26.  
 800(a), Mineyeva (SU) 1:58.78; 2. Manning 1:59.62; 3. Ruchayeva (SU) 2:00.02; 4. Warren 2:00.51 (x, 4 a-t C).  
 1500(b), Zaitseva (SU) 4:00.83 WL; 2. Dvirna (SU) 4:02.00; 3. Keyes 4:15.33; 4. Goen 4:16.92.  
 3000(b), Pozdnyakova (SU) 8:34.80 WL (x, 10 a-t W); 2. Yushina (SU) 8:38.35; 3. Hansen 9:20.51; 4. Webb 9:28.32.  
 100H(b), Anisimova (SU) 12.79; 2. Hightower 13.09; 3. Fitzgerald 13.24; 4. Petrova (SU) 13.32.  
 400H(a), Kostetskaya (SU) 55.51; 2. Zubova (SU) 57.17; 3. Brown 57.97; 4. Etienne 58.82.  
 4 x 100(a), United States 43.63 (Mastin, Washington, Fitzgerald, Glover); 2. Soviet Union 43.65 (Zolotareva, Kostetskaya, Nasonova, Kelchevskaya).  
 4 x 400(b), Soviet Union 3:26.52 (Goyshchik, Baskakova, Litvinov, Masarova); 2. United States 3:30.12 (Emerson, Forde, Campbell, D. Howard).  
 HJ(b), Ritter 6-4¼ (1.94) CR (old CR 6-4 Ritter [TWU] '79 & Rienstra [Az St] '80) (x, =3 a-t US); 2. Popkova (SU) 6-3¼; 3. Poluiko (SU) 6-3¼; 4. Blunston 6-¾.  
 LJ(b), Skachko (SU) 22-¾; 2. Kalpakova (SU) 21-8¼; 3. McMillan 21-7¼; 4. Lewis 21-¾.  
 SP(a), Isayeva (SU) 62-6¼; 2. Tsapkalenko (SU) 62-0; 3. Wood 52-3¼; 4. Burke 50-4¼.  
 DT(a), Savinkova (SU) 228-8 (4, x a-t W); 2. Kharchenko (SU) 203-4; 3. Wood 173-11; 4. Deniz 168-11.  
 JT(b), Smith 207-3; 2. Leishkalne (SU) 203-8; 3. Sipova (SU) 195-2; 4. Schmidt 190-2.

### ROSICKY MEMORIAL

Prague, June 19—  
 100(0.1), Brecka (Cze) 10.69; ... 3. Petrov (Bul) 10.74.  
 200(-0.2), Brecka 21.21; 2. Petrov 21.23.  
 800, Busse (EG) 1:47.70; 2. Litvinov (SU) 1:48.49; ... 7. Winzenried (US) 1:51.29.  
 1500, Patek (Cze) 3:43.78.  
 St. Tura (Eth) 8:34.00; 2. Hanna (Eth) 8:36.32; 3. Ramon (Spa) 8:38.46.  
 IAAF/Citizen Golden 10,000, McLeod (GB) 27:59.42; 2. Smith (GB-Prov) 27:59.43 (=6, x a-t C); 3. Rose (GB-VAC) 27:59.68; 4. Hagesteens (Bel) 27:59.98; 5. Goater (GB) 28:00.20; 6. Jones (GB) 28:00.58; 7. Nyambui (Tan-UTEP) 28:01.29; 8. Kedir (Eth) 28:01.67; 9.

Vainio (Fin) 28:02.33; 10. Prieto (Spa) 28:02.71;  
 11. Kotu (Eth) 28:03.25; 12. Ito (Jap) 28:07.90; 13. Sykora (Cze) 28:11.51 NR; 14. Tabor (Cze) 28:23.48; 15. Martin (Tan) 28:25.78; 16. Kassianidis (Gre) 28:26.87 NR; 17. Cova (Ita) 28:31.78; 18. Berehanu (Eth) 28:45.88; 19. Tadesse (Eth) 28:14.78; 20. Koussis (Gre) 28:48.28;  
 21. Lok (Hol) 28:49.82; 22. Zwiefelhofer (Cze) 28:51.75; 23. Vrabel (Cze) 28:51.78; 24. Pater (EG) 29:00.65; 25. V. Sykora (Cze) 29:00.65; 26. Bauer (Hun) 29:21.84; 27. Szekeres (Cze) 29:22.65. (All time fastest marks-for-place in 13-17; probably fastest for 22-27 as well).  
 110H(1.9), Cooper (BAS) 13.50; 2. Ivan (Cze) 13.72.  
 400H, Beck (EG) 50.08; 2. Konow (EG) 50.60; 3. Kodejs (Cze) 50.75.  
 HJ, Vondra (Cze) 7-3; 2. Hrabel (Cze) 7-3; ... 4. Beilschmidt (EG) 7-¾.  
 PV, Lesak (Cze) 17-¾.  
 LJ, Mazur (Cze) 25-0.  
 TJ, Valyukovich (SU) 55-5½ (f, 54-5¼, 55-5½, f, f, 54-6).  
 SP, Vasicek (Cze) 64-1; 2. Brabec 62-6¼.  
 DT, Bugar (Cze) 209-7; 2. Warnemunde (EG) 204-2; ... 4. Hossfeld (EG) 199-2.  
 HT, Schubert (WG) 238-2.  
 JT, Nemeth (Hun) 267-5; 2. Fuhrmann (EG) 263-2.

### Women:

100, Slemmon (EG) 11.74.  
 200(0.2), Neubert (EG) 23.49.  
 400, Kratochvilova (Cze) 49.23 NR (2, 9 a-t W) (22.9/26.4); 2. Lowe (EG) 52.79.  
 800, Marquardt (EG) 2:02.00; 2. Moravcikova (Cze) 2:02.35.  
 1500, Ilyinikh (SU) 4:11.64.  
 3000, Cervenkova (Cze) 9:08.41 NR.  
 100H(0.3), Siegfried (EG) 13.34; 2. Neubert 13.35.  
 400H, Sonntag (EG) 56.62; 2. Wildova (Cze) 57.41; 3. Applebey (Eir) 57.51.  
 HJ, Stark (Hun) 6-0.  
 LJ, Pokludova (Cze) 21-0.  
 SP, Fibingerova (Cze) 70-9¼ (WL) (66-1¼, 70-9¼, 68-5, 67-8¼, 67-7¼, 67-4¼); 2. Muller (EG) 67-11¼; 3. Pufe (EG) 66-10¼.  
 DT, Jahl (EG) 226-0 (216-11, 223-6, 226-0, R. P. P); 2. Reissmuller (EG) 218-10; 3. Bartoнова (Cze) 209-1.  
 JT, Richter (EG) 199-10.

### BISLETT GAMES

Oslo, June 26 /attendance 13,600; 63-degrees, sunny, calm—  
 200(0.3), Evans (Az St) 20.46; 2. Wells (GB) 20.83; 3. Woronin (Pol) 20.90; 4. Wiley (DCI) 21.07; 5. Quarrie (Jam-SCA) 21.15; 6. Gault (Tn) 21.26.  
 400, Cameron (Jam-UTEP) 45.24; 2. Henley (Az St) 45.43; 3. Josjo (Swe) 45.86; 4.

Solomon (Tri-PPC) 47.27.

800, Schmid (WG) 1:45.18; 2. Boit (Ken-SCS) 1:45.59; 3. Paroczai (Hun) 1:45.91 NR; 4. Paez (Spa) 1:46.47; 5. Martin (AW) 1:47.02; 6. Warren (GB) 1:47.30; 7. Breigan (Nor-SJ St) 1:47.53; 8. Robinson (ICAC) 1:47.60; 9. Masterson (SMTC) 1:47.63; . . . dnf—Eneart (PCC) 50.8.

1500, Byers (AW) 3:39.01 (57.6, 57.3 [1:54.9], 58.1 [2:53.0]—46.1); 2. Ovett (GB) 3:39.53; 3. Gonzalez (Spa) 3:39.58; 4. Scott (Sub 4) 3:39.59; 5. Cram (GB) 3:40.48; 6. Harbour (Bay) 3:40.85; 7. Harris (AW) 3:41.16; 8. Wessinghage (WG) 3:41.35; 9. Wulbeck (WG) 3:41.54; 10. Walker (AA-NZ) 3:42.11; 11. Rosendahl (Nor) 3:42.83; 12. Hudak (WG) 3:43.47.

St, Maminski (Pol) 8:21.58; 2. Mahmoud (Fra) 8:26.03; 3. Hanna (Eth) 8:28.22; 4. Tura (Eth) 8:30.50; 5. Vargas (Hun) 8:32.08; 6. McCullough (SSTC) 8:32.54; 7. Duhaime (Can-VAC) 8:34.42; 8. Koeleman (Hol-Clem) 8:35.30; 9. Wedderburn (GB-Murr) 8:43.47.

5000, McChesney (SMTC) 13:19.39 (x, =8 a-t US); 2. Goater (GB) 13:22.77; 3. Virgin (FRRT) 13:25.73; 4. Moriguchi (Jap) 13:26.55; 5. Robson (GB) 13:34.02; . . . 12. Yifter (Eth) 13:47.07 (bad leg); . . . 16. Waigwa (Ken-UI) 13:57.14; . . . 18. Hunt (AW) 14:21.15. 400H, King (Macc) 50.04; 2. Oakes (GB) 51.59.

PV, Klimczyk (Pol) 18-½; 2. Stock (GB) 17.8½; 3. Bell (PCC) 17-8½; 4. Curran (UCLA) 17-¾; 5. Slusarski (Pol) 17-¾.

LJ, Lewis (Hous) 26-4¼; 2. Mitchell (GB) 26-4¼; 3. Szalma (Hun) 25-6.

DT, Plucknett (SCS) 225-11 (202-5, 213-0, 205-5, 225-11, 189-6, 220-9); 2. Powell (AA) 214-4; 3. Hjeltnes (Nor-BAS) 211-3; 4. Wilkins (AW) 206-3.

JT, O'Rourke (NZ) 276-5; 2. Roggy (AW) 274-6; 3. Nemeth (Hun) 269-10; 4. Adamus (Pol) 265-1; 5. Lorentzen (Nor-Or) 262-3; 6. Ottley (GB) 256-11; 7. Atwood (AW) 256-2; . . . 11. Ewaliko (AW) 234-11.

#### Women:

200(1.9), Ottey (Jam-Nb) 22.55; 2. Smallwood (GB) 22.85; 3. Haglund (Swe) 23.01.

400, Hoyte-Smith (GB) 51.76. 800, Manning (ORTC) 2:00.09 (57.8/62.3); 2. Januchta (Pol) 2:00.11; 3. Bukis (Pol) 2:00.63; . . . 7. White (GB-Rich) 2:04.72.

3000, Waitz (Nor) 8:57.20; 2. Rasmussen (Den) 9:00.70; 3. Smeeth (GB) 9:01.01; . . . 7. Merrill (AGAA) 9:03.90; . . . 8. Wessinghage (WG) 9:04.52; . . . 10. Hamrin (Swe-Lam) 9:05.92.

100H(1.7), Strong (GB) 13.17; 2. Perka (Pol) 13.29; 3. E. Rabsztyń (Pol) 13.32; 4. Fredriksen (Nor) 13.39 NR; 5. Rasmussen (Den) 13.45 NR.

LJ, Manley (GB-Murr) 20-3¼.

#### W.GERMANY—POLAND—GREAT BRITAIN

London, June 23(a)-24(b)—Men: WG 168-P136-GB 112.

100(a, 0.0), Woronin (P) 10.38. 200(b, 2.8), Woronin 20.65; 2. Skamrahl (WG) 20.91; 3. Schmid (WG) 20.93. 400(a), Weber (WG) 45.27. 800(b), Wulbeck (WG) 1:48.42; . . . 4. Cram (GB) 1:48.81.

1500(b), Wessinghage (WG) 3:43.43. St(a), Ilg (WG) 8:25.99; 2. Maminski (P) 8:27.09; . . . 4. Wedderburn (GB-Murr) 8:32.77.

3000(a), Hudak (WG) 7:55.20; 2. Zimmermann (AW) 7:56.11; . . . 4. Smith (GB-Pr) 7:58.09. 5000(b), Herle (WG) 13:36.73.

110H(b, 4.4), Holtom (GB) 13.63; 2. Giegiel (P) 13.73; 3. Price (GB) 13.90. 400H(a), Schmid (WG) 48.67; 2. Oakes (GB) 50.47; 3. Szparak (P) 50.97.

4 x 100(a), Poland 39.45. 4 x 400(b), West Germany 3:07.59. HJ(b), Trzepizur (P) 7-4¼; 2. Nagel (WG)

7-3; 3. Krawczyk (P) 7-3; 4. Mogenburg (WG) 7-¾.

PV(b), Stock (GB) 18-2¼; 2. Slusarski (P) 18-¾; 3. Lohre (WG) 18-¾; 4. Klimczyk (P) 17-8½; 5. Hooper (GB) 17-¾.

LJ(b), Klimaszewski (P) 26-5¼; 2. Mitchell (GB) 26-1¼; 3. Jaskulka (P) 25-11.

TJ(a), Bouschen (WG) 54-6¾. SP(a), Reichenbach (WG) 66-6.

DT(b), Wagner (WG) 214-6 (219-3 with light implement); . . . 5. Weir (GB-SMU) 189-6; 6. Slaney (GB-S Di) 181-0.

HT(a), Ploghaus (WG) 257-10 (253-4, 250-5, 255-10, 257-10, f, f); 2. Riehm (WG) 242-1; . . . 4. Weir 230-0.

JT(a), Tafelmeier (WG) 285-1; 2. Adamus (P) 278-4; . . . 5. Schreiber (WG) 258-5.

Women: (GB 119-WG 110-P 81):

100(a), Smallwood (GB) 11.42; . . . 5. Perka (P) 12.07; 6. E. Rabsztyń (P) 12.17.

200(b, 2.5), Smallwood 22.60; 2. Goddard (GB) 22.69.

400(a), Hoyte-Smith (GB) 51.22. 800(a), Klinger (WG) 2:00.12; 2. Januchta (P) 2:00.29; 3. Schacht (WG) 2:00.93.

1500(b), Kraus (WG) 4:10.95. 3000(b), Fudge (GB) 9:00.77.

100H(b, 2.4), Strong (GB) 13.10; 2. Rabsztyń 13.17; 3. Perka 13.20; 4. Boothe (GB) 13.35.

400H(b), Blaszk (P) 56.29; 2. Warden (GB) 57.81.

4 x 100(a), Great Britain 44.36. 4 x 400(b), Great Britain 3:29.03; 2. West Germany 3:32.41; 3. Poland 3:34.01.

HJ(a), Meyfarth (WG) 6-4¼; 2. Cording (GB) 6-2¼; 3. Holzapfel (WG) 6-1¼; 4. Bulkowska (P) 6-0; 5. Kielan (P) 5-10¼.

LJ(b), Hanel (WG) 21-0; . . . 5. Manley (GB-Murr) 20-1.

SP(b), Chewinska (P) 58-4¼. DT(a), Gutewort (WG) 196-5.

JT(b), Sanderson (GB) 214-2; 2. Whitbread (WG) 210-7; 3. Helmschmidt (WG) 210-6; 4. Thyssen (WG) 205-8.

#### EAST GERMANY 189—USSR 179

Tbilisi, USSR, June 26(a)-27(b)—

Men (SU 108-EG 103): 100(a, —), Emmelmann (EG) 10.26; 2. Muravyov (SU) 10.36; 3. Hoff (EG) 10.47.

200(b), Emmelmann 20.48; 2. Muravyov 20.53; 3. Naumenko (SU) 20.70; 4. Hoff 20.72.

400(a), Knebel (EG) 46.15; 2. Markin (SU) 46.41; 3. Schaffer (EG) 46.51.

800(b), Wagenknecht (EG) 1:48.32; 2. Kir-ov (SU) 1:48.92; 3. Mogalle (EG) 1:50.00.

1500(a), Beyer (EG) 3:38.64; 2. Malozyemlin (SU) 3:39.07; 3. Zauber (EG) 3:40.11.

St(b), Melzer (EG) 8:35.18. 5000(b), Kunza (EG) 14:01.54; 2. Abramov (SU) 14:02.27; 3. Schildhauer (EG) 14:04.29.

10,000(a), Turb (SU) 28:31.5; 2. Peter (EG) 28:39.0; 3. Sanon (SU) 29:14.0.

110H(a), Munkelt (EG) 13.79; 2. Schabanov (SU) 13.82.

400H(b), Beck (EG) 49.14; 2. Arkhipyenko (SU) 49.60; 3. Shkarupin (SU) 49.64; 4. Konow (EG) 49.84.

4 x 100(a), USSR 38.76; 2. EG 38.86. 4 x 400(b), East Germany 3:03.72 (Brehmer, Thiele, Schaffer, Knebel); 2. USSR 3:04.04 (Konvalov, Fyedotov, Valiulis, Markin).

HJ(b), Sereda (SU) 7-6¼; 2. Granenkov (SU) 7-5¼; 3. Beiltschmidt (EG) 7-4¼; 4. Lauterbach (EG) 7-3.

PV(a), Polyakov (SU) 19-¾ WR (17-¾ [3], 17-8¼, 18-4¼, 18-9¼ NR, 19-¾); 2. Kulibaba (SU) 17-¾; 3. Weber (EG) 17-¾.

LJ(b), Abayassov (SU) 26-6¼; 2. Tsepelyev (SU) 26-2¼; 3. Lange (EG) 25-8¼.

TJ(b), Issayev (SU) 55-6¼; 2. Chernikov (SU) 55-3; 3. Gohring (EG) 54-11¼.

SP(a), M. Schmidt (EG) 68-7¼; 2. Jacobi (EG) 67-3; 3. Gusyev (SU) 67-1¼; 4. Barishnikov (SU) 67-¾.

DT(b), Schmidt (EG) 223-2; 2. Lemme (EG) 217-7; 3. Dumchev (SU) 217-7; 4. Kovtun (SU) 204-1.

HT(b), Syedikh (SU) 263-1(WL); 2. Litvinov (SU) 252-3; 3. Steuk (EG) 252-1; 4. Schmidt (EG) 251-1 (?).

JT(a), Kula (SU) 281-7; 2. Kolosov (SU) 276-8; 3. Michel (EG) 275-2.

#### Women:

100(a), Gohr (EG) 11.17; 2. Wockel (EG) 11.18; 3. Zolotaryeva (SU) 11.39.

200(b), Wockel 21.9; 2. Bochina (SU) 22.5; 3. Walther (EG) 22.5; 4. Nasonova 22.9.

400(a), Koch (EG) 49.65; 2. Nazarova (SU) 50.50; 3. Rubsam (EG) 51.55; 4. Goyschik (SU) 52.09.

800(b), Steuk (EG) 1:58.38; 2. Veselkova (SU) 1:58.42; 3. Ulfrich (EG) 1:58.88; 4. Ashikhina (SU) 1:59.49.

1500(a), Salzeva (SU) 4:02.0; 2. Bruns (EG) 4:03.2; 3. Sorokina (SU) 4:08.1.

3000(b), Dvirna (SU) 8:45.60; 2. Sipatova (SU) 8:49.90; 3. Bruns 8:51.55.

100H(a), Anisimova (SU) 12.68 (WL); 2. Knabe (EG) 12.85; 3. Kementchesi (SU) 12.96; 4. Gartz (EG) 13.17.

400H(b), Neumann (EG) 55.39 (WL); 2. Sonntag (EG) 56.62; 3. Kastetskaya (SU) 56.82.

4 x 100(a), East Germany 42.67 (A. Walther, Wockel, G. Walther, Gohr); 2. USSR 43.28.

4 x 400(b), USSR 3:22.73 (WL) (9 a-t W) (Litvinova, Nazarova, Gyschchik, Bochina); 2. East Germany 3:24.03 (Lower, Hartmann, Rubsam, Koch).

HJ(b), Dedner (EG) 6-5 (=8, x a-t W); 2. Poluyiko (SU) 6-4¼; 3. Popkova (SU) 6-2.

LJ(a), Skachko (SU) 22-3¼; 2. Vanyushchina (SU) 22-¾; 3. Ulbricht (EG) 21-6¼.

SP(b), Slupianek (EG) 69-2¼; 2. Knorscheidt (EG) 66-3; 3. Zapkalenko (SU) 63-11¼.

DT(a), Jahl (EG) 231-7 (x, =5 a-t W); 2. Savinkova (SU) 226-1 (=7, x a-t W); 3. Reissmuller (EG) 224-6.

JT(b), Felke (EG) 214-3; 2. Blodniece (SU) 212-8; 3. Hommola (EG) 206-0.

#### MILAN

Milan, Italy, July 8—

100, Sanford (SCA) 10.14; 2. Floyd (HAC) 10.14; 3. Lewis (Hous) 10.22; 4. Gault (Tr) 10.44; 5. Panzo (Fra) 10.47. Heats: 1—1, Lewis 10.54.

200, F. Taylor (PPC) 20.67; 2. Diallo (Sen) 21.06.

400, Schmid (WG) 45.29; 2. Darnen (GB) 45.74; 3. Gysberg (Hol) 45.98.

800, Boit (Ken-SCS) 1:44.55; 2. Ngetich (Ken-W Bap) 1:45.63; 3. Paez (Spa) 1:46.52; 4. Warren (GB) 1:46.83; 5. West (UCLA) 1:47.00; 6. Masterson (SMTC) 1:47.06.

1500, Ovett (GB) 3:31.95 (x, =3 a-t W) (=WL) (55.2, 57.5 [1:52.7], 59.4 [2:52.1]—39.9; 1000m in 2:22.2); 2. Walker (NZ-AA) 3:35.60 (1:52.0); 3. Harbour (Bay) 3:38.28; 4. Masback (NYPC) 3:38.62; . . . 9. Hudak (WG) 3:43.12.

St, Scartezzini (Ita) 8:32.69; 2. Koroso (Ken-Az) 8:34.01; 3. McCullough (SMTC) 8:34.09.

3000, Maree (SA-Vill) 7:43.42 (x, 7 a-t C); 2. McChesney (SMTC) 7:57.39.

5000, Cova (Ita) 13:27.20; 2. Cerrado (Spa) 13:27.93.

110H, Turner (SSTC) 13.76; 2. Gault 13.83; 3. Campbell (SCA) 13.92; 4. Moracho (Spa) 13.94; 5. Milburn (HAC) 14.07.

400H, Moses (UI) 48.35; 2. King (Macc) 48.65 (10, x a-t US); 3. B. Williams (SSTC) 48.83 PR; 4. Valonso (Spa) 50.60.

HJ, Freimuth (EG) 7-5; 2. Thranhardt (WG) 7-3¼; 3. Nagel (WG) 7-3¼; 4. Peacock (MJC) 7-2¼.

HT, Urlando (Ita) 235-3.

#### Women:

1500, Dorio (Ita) 4:06.97; 2. Possamai (Ita) 4:08.08; 3. Bukis (Pol) 4:08.49.

LAUSANNE

Lausanne, Switzerland, July 14—  
 100, Evans (Az St) 10.51.  
 200, Evans 20.50; 2. Nagy (Hun) 20.80; 3. Kiss (Hun) 20.85; 4. Turner (SSTC) 21.31.  
 400, Wiley (DCI) 45.06; 2. Henley (Az St) 45.29; 3. Schmid (WG) 45.70.  
 800, Boit (Ken-SCS) 1:44.59; 2. Ngetich (Ken-W Bap) 1:45.47; 3. Enyeart (PCC) 1:45.79; 4. Wilson (AW) 1:46.31.  
 Mile, Ovett (GB) 3:49.66 (x, 7 a-t W) (2:50.2m, 3:35.4-14.3); 2. Gonzales (Spa) 3:50.87 (x, 15 a-t W); 3. Deleze (Swi) 3:51.77 NR (12, x a-t W); 4. Nyambui (Tan-UTEP) 3:51.94 (13, x a-t W; 3, 4 a-t C); 5. Walker (NZ-AA) 3:51.98;

6. A. Gonzalez (Fra) 3:52.78 NR; 7. Wessinghage (WG) 3:52.91; 8. F. Gonzalez (Fra) 3:53.02; 9. Nameth (Aut) 3:53.41 NR; 10. Masback (NYPC) 3:54.31; . . . dnf—Benn (GB) 1:51.1m.  
 St. Martin (AW) 8:27.92; 2. Chebor (Ken-FD) 8:29.88; 3. Koroso (Ken-Az) 8:30.23; . . . 6. McCullough (SMTC) 8:37.36.  
 5000, Moorcroft (GB) 13:20.51; 2. Mamede (Por) 13:21.73; 3. Centrowitz (NYAC) 13:22.72; . . . 7. Salazar (Or) 13:28.65.  
 110H, Nehemiah (AA) 13.26; 2. Campbell (SCA) 13.54; 3. Turner 13.65; 4. Milburn (HAC) 13.76; 5. Lavitt (PCC) 13.83.  
 400H, Moses (UI) 47.14 (x, 2 a-t W) (misses WR by 0.01); 2. B. Williams (SSTC) 48.81 PR; 3. Lee (Sn II) 49.18; 4. King (Macc) 49.82.

HJ, Mogenburg (WG) 7-6½; 2. Peacock ● (Mod JC) 7-5½ JCR (=9, x a-t US); 3. Nagel (WG) 7-3½.  
 PV, Vigneron (Fra) 18-4½; 2. Bellot (Fra) 18-4½; 3. Kozakiewicz (Pol) 18-2½; 4. Bell (PCC) 17-8½; 5. Slusarski (Pol) 17-½; 6. tie, Tracaneli (Fra) & Bohni (Swi-SJ) 17-½.  
 LJ, Banks (AW) 26-7½ PR; 2. Bernhard (Swi) 26-1; 3. Busse (WG) 25-5½; . . . 5. Marlow (SSTC) 24-4½.  
 Women:  
 200, Fitzgerald (Tn) 23.22.  
 1500, Burki (Swi) 4:09.65; 2. Warren (Or) ● 4:10.58(17, x a-t US; 3-4 a-t C); 3. Smith (GB) 4:10.77.

INTERNATIONAL RESULTS BY NATION

BULGARIA

PLOVDIV, May 15—Women: DT, Jahl (EG) 219-7; 2. Reissmuller (EG) 216-8.  
 SOFIA, May 23(a)-24(b)—Women: SP (b), Veselinova 66-2½. DT(a), Vergova 218-6.  
 SOFIA, May 30(a)-31(b)—110H(a, 0.7), Krastev 13.69 NR; 2. Nedyalkov 13.70. PV(a), Paskalev 17-10½ NR; 2. Tarev 17-6½.  
 Women: 400H(b), Assenova 57.43. HJ(a), Andonova 6-3½. SP(b), Veselinova 66-11½. DT(a), Vergova 221-5.  
 PLEVEN, May 16-17—Women: JT, Todorova 206-9.  
 SOFIA, May 6(a)-7(b)—110H(a), Ned-yakov 13.73; 2. Krastev 13.74. 400H(b), Dem-irev 51.16 NR. HJ(a), Sereda (SU) 7-3½; 2. Getov 7-3 NR. PV(a), Tarev 18-1 NR. DT(a) Prochaska 205-2; 2. Koolinotschenko (SU) 204-10. HT(a), Dyuilgerov 248-10 NR; 2. Nikulin (SU) 246-0.  
 Women: 100(a, 0.6), Venkova 11.29. Heats: Vankova 11.27. 400(a), Lazariuc (Rum) 51.70. ● 800(b), Lovin (Rum) 1:57.42 (WL); 2. Besliu (Rum) 1:58.19; 3. Zlateva 2:00.48. 1500(a), Marasescu (Rum) 4:03.71. 400H(b), Assenova 57.18.  
 HJ, Andonova 6-4 (a). LJ(b), Ionescu (Rum) 21-10½w (21-6½). SP(b), Veselinova 67-11; 2. Muller (EG) 67-3. DT(a), Reissmuller (EG) 225-7; 2. Rekeschat (EG) 210-7; 3. Christova 208-9. JT(b), Todorova 228-6 (218-4, 228-6, 216-4, 210-5, 201-7, f).

CANADA

CANADA—Great Britain Multi-Event, Saskatoon, June 13-14—Dec(GB 22,798-C 20,987)(second day rainy and cold, winds up to 45mph), Thompson (GB) 7936 (10.47, 25-7½, 47-8½, 6-8½, 47.84 [4505—second-best first-day total ever, behind his 4542 at Moscow], 14.81, 136-8, 16-4½, 205-2, dnf [stepped off track after 10m; needed 4:12.8 to tie WR]; 2. Steen 7614.  
 Hept(GB 16,703-C 15,504), Sanderson (GB) 5906 NR (13.76, 41-7¼, 5-6½, 25.28, 19-½, 189-6, 2:34.8); 2. Livermore (GB) 5776.

CZECHOSLOVAKIA

GOLDEN SPIKE, Ostrava, June 3—100 (—3), D. Williams (Can) 10.55. 200(0.0), Williams 20.91. 110H, Cooper (BAS) 13.70; 2. Munkelt (EG) 13.92. HJ, Proteasa (Rum) 7-3; . . . 4. Page (SCS) 7-1½. PV, Klimczyk (Pol) 18-½. SP, M. Schmidt (EG) 67-5; 2. Jacobi (EG) 66-3. DT, Bugar 212-10; 2. Delis (Cub) 212-2; 3. Hossfeld (EG) 210-6; 4. Nagy (Rum) 208-11; . . . 8. Velev (Bul) 198-1. JT, Kula (SU) 281-9.  
 Women: 100(—1.4), Wockel (EG) 11.27; 2. Kratochvilova 11.27; 3. Taylor (Can) 11.32; 4. Gohr (EG) 11.37; 5. Auerswald (EG) 11.49. ● 200, Kratochvilova 22.07 NR (4, =10 a-t W); 2. Taylor 22.83. 400, Nazarova (SU) 51.81.

1500, Kazankina (SU) 4:08.95. 100H(0.6), Anisimova (SU) 12.86; 2. Knabe (EG) 13.04; 3. Parka (Pol) 13.22; 4. E. Rabsztyrn (Pol) 13.23. 400H, Wildova 56.66 NR.  
 SP, Fibingerova 68-1¼. DT, Craciunescu (Rum) 208-2; 2. Rekeschat (EG) 205-10; . . . 6. Romero (Cub) 199-1.  
 BRATISLAVA, June 6 /supplementary results/—100(1.8), . . . 6. S. Williams (AA) 10.52. 200(2.9), Nagy (Hun) 20.93; 2. Roberson (AA) 21.04; . . . 5. Williams 21.32. 110H(1.9), . . . 2. Moracho (Spa) 13.76. HJ, Huth (EG) 7-1½; . . . 5. Page (SCS) 6-10½. SP, Oldfield (f, 66-8½, 70-3½, f, f, f).  
 Women: 100H(0.5), . . . 2. Perka (Pol) 12.93; 3. E. Rabsztyrn (Pol) 13.10. SP, Fibingerova 68-5½. DT, Craciunescu 226-4 (6, x a-t W); 2. Meszynski (EG) 214-7.  
 PRAGUE, June 13—110H(1.7), Ivan 13.58 NR. DT, Bugar 218-6.  
 BRATISLAVA, June 13—Women: 100(w), Kratochvilova 11.42. 200(1.2), Kratochvilova 23.17.  
 PRAGUE, June 6-7—Dec, Machura 7819 NR. Hept, Guzowska (Pol) 6082 NR; 2. Koblasova 5895 NR.  
 MARIANSKA LAZNA, June 20—DT, Bugar 204-0.  
 Women: 100, Kratochvilova 11.1.  
 BRNO, June 21—DT, Warnemunde (EG) 212-5.  
 Women: SP, Muller (EG) 68-10.

EAST GERMANY

EAST Germany-Great Britain, Dresden, June 13-14—SpHJ, Bellschmidt 7-2½.  
 Women: 100, 2. A. Walther. 1500, 4. M. Joyce. LJ, Neubert (21-9¼, 22-11½w, 19-¾w, 22-7½, 22-1, 22-8½w); 2. Ulbricht 22-4½w (21-8½); 3. Manley 21-¾w (20-5). SpSP(a), Pufe 67-11½.

FINLAND

TURKU, May 23-24—Dec, Lahti 7984.  
 HELSINKI, May 29—JT, 3. Utriainen 281-7. (attendance 647)  
 HELSINKI, May 31 /attendance 489/—JT, Hovinen 288-6.  
 KARJAA, May 31—JT, Harkonen 269-10.  
 Women: Lillak 204-1 NR.  
 VANTAA, June 3—5000, Vainio 13:33.6. PV, Haapakoski 18-½. JT, Harkonen 281-9; 2. Puranen 280-5.  
 ORIMATTILA, June 7, 5000, Vainio 13:51.9; 2. Ekblom 14:01.5; 3. Marsh (AW) 14:12.2. JT, Puranen 290-3; 2. Harkonen 267-3.  
 VANTAA, June 10—110H, Cooper (BAS) 13.8; 2. Bryggare 14.0. JT, Harkonen 279-9.  
 LAITILA, June 14—JT, Sinersaari 301-9; 2. Hovinen 281-10; 3. Harkonen 280-9; 4. Patterson (Cub) 276-10.  
 HELSINKI, June—JT, Sinersaari 300-11. HT, Tiainen 249-6 NR.

NURMI GAMES, Turku, July 7—200, Lavitt (PCC) 21.81. 800, Enyeart (PCC) 1:46.75; 2. Harkonen 1:47.17.  
 1500, Harris (AW) 3:41.54; 2. Pokrajacic (Yug) 3:41.98; 3. Smith (AW) 3:42.90; 4. Paunonen 3:44.28. 5000, Ekblom 13:37.19; 2. Vainio 13:41.14.  
 110H, Bryggare 14.08; . . . dnf—Lavitt (blocks slipped). JT, Hovinen 296-6; 2. Kennedy (PCC) 284-11.

FRANCE

COLOMBES, June 17—PV, Vigneron 18-½.  
 BOURGES, June 20—Women: 4 x 200, Bulgaria (6 a-t W) (WL).  
 LOUVAIN, June 28—400, Deleuw (Bel) 46.55; . . . 3. Brydenbach (Bel) 47.11. 800, Ngetich (Ken-W Bap) 1:48.1. Mile, Moorcroft (GB) 3:54.93; 2. Boit (Ken-SCS) 3:56.27. 5000, Mamede (Por) 13:31.5; 2. Nyambui (Tan-UTEP) 13:31.9; 3. Hagelsteens (Bel) 13:32.0; 4. Puttemans (Bel) 13:32.9.  
 HJ, Thrnhardt (WG) 7-¾. PV, Vigneron 16-4½.  
 BEAUNE, July 4—HJ, Verzy 7-5½ NR.

GREAT BRITAIN

HARINGEY, May 30—PV, Thompson 16-8½ PR. (as in Daley)  
 BRISTOL, May 30—Women: 400H, Warden 57.1.  
 MEADOWBANK, June 14—100(w), Wells 10.23. 200(w), Wells 20.66.

HOLLAND

HOLLAND Women 156—Belgium 142, Leiden, May 31—100, Vader 11.0.  
 HENGELO, June 6—3000, Lambrechts 7:51.8; . . . 6. Spinney (AW) 8:12.36. PV, Desruelles (Bel) 17-8½. JT, Tafelmeier (WG) 275-3.  
 Women: 3000, Christensen (Nor) 8:57.7.

HUNGARY

BUDAPEST, May 30—LJ, Szalma 26-7½. JT, Paragi 284-8.  
 BUDAPEST, June 13—100(w), Nagy 10.1. 110H(w), Bakos 13.5.  
 BUDAPEST, June 14—Women: HJ, Matay 6-2.  
 BUDAPEST, June 17—100, Nagy 10.29 NR.  
 Women: HJ, Bela 6-2½; 2. Matay 6-1½.

IRELAND

CORK, June 23 /cold & windy/—Mile, ● Coghlan (Eir-NYAC) 3:52.11 (outdoor PR). 5000, Muir (GB) 13:31.77; 2. J. Treacy (Eir-PTC) 13:32.07.

ITALY

ROME, May 4—Women: Hour, Cruciata  
● 11M,416y NR (16:27.5, 33:02.0 NR [WL] [5, 5 a-t W], 49:44.0).

ROME, April 11—LJ, Plochi 26-2½ NR.  
BRESCIA, April 20—Hour, Poli 12M, 865y NR.

ROME, April 25—Cruciata 8:46.8 NR.  
MILAN, May 17—400, Schmid 46.64 in heat (dnc final). 400H, Schmid 49.80; 2. Oakes (GB) 50.73.

ITALY Women-USSR, Perugia, May 22—SP, Issayeva 61-11¼; . . . 3. Krachevskaya 55-5¼.

ITALY-USSR, Rome, May 23-24—HT, Syedikh 257-3; 2. Litvinov 251-6.

TURIN, May 31—200(0.1), Diallo (Sen) 21.21; . . . 5. Markin (SU) 21.46. 800, Ferrero 1:48.3; . . . 8. McLean (PPC) 1:51.96. 110H(-), Milburn (HAC) 13.87. 400H, Vasilyev (SU) 50.24; 2. B. Willaims (SSTC) 50.35.

HJ, Nagel (WG) 7-4¼; . . . 7. tie, Fields (PPC) 6-10%. PV, Jesse (PPC) 17-¾. TJ, Marlow (SSTC) 54-2¼; 2. Beskrovniy (SU) 52-8¼. DT, Rashchupkin (SU) 204-4.

Women: 100(0.5), Masullo 11.48; 2. Kondratyeva (SU) 11.72. 1500, Dorio 4:06.06; 2. Cruciata 4:08.02; 3. Smolka (SU) 4:08.53.

EUROPEAN Women's Club Championships, Naples, June 6-7—Teams: 1. Bayer Leverkusen (WG) 105; 2. Stretford Manchester (GB) 91. HJ, Meyfarth (WG) 6-4¼. JT, Thyssen (WG) 198-11.

ITALIAN Club Championships, Udine, June 13(a)-14(b)—200(b), Zuliani 20.87. St(b), ● Scartezini 8:35.16. HJ(a), Di Giorgio 7-6½ NR; 2. Tamberi 7-3¼. HT, Urlando 243-11.

Women: HJ(b), Dini 6-3¼; 2. Bulfoni 6-2¼.

POLAND

GRUDZIADZ, May 28—PV, Slusarski 17-8¼; 2. Pudas (Fin) 17-8¼; 3. Klimczyk 17-2¼.

ZABRZE, June 6—HJ, Trzepizur 7-4¼.

ZABRZE, June 13—HJ, Trzepizur 7-3¼.

MULTI-EVENT Championships, Sopot, June 16-17—Dec, Kubiszewski 989.

Hept, Guzowska 6199 NR; 2. Nenova (Bul) 5949 NR.

WARSAW, June 17—HT, Kulczynski 244-4.

KUSOCINSKI MEMORIAL, Warsaw, June 18 /attendance 2000/—100(0.9), Woronin 10.30. Heats: Woronin 10.29 (1.1). 200(0.7), Licznarski 20.86. St, Wesolowski 8:26.96; 2. Schwarz (WG) 8:27.92. 4 x 100, Poland 39.18 (Zwolinski, Licznarski, Dunecki, Woronin).

HJ, Trzepizur 7-4¼. PV, Klimczyk 18-2¼; 2. Kozakiewicz 18-½; 3. Tarev (Bul) 17-8¼. LJ, Jaskulka 26-3¼; 2. Kokmaszewski 26-2½. SP, M. Schmidt (EG) 67-11¼. DT, W. Schmidt (EG) 217-10. JT, Adamus 286-3.

Women: 800, Januchta 1:59.78; 2. Posdnyakova (SU) 2:00.44. 100H(1.0), Perka 13.06; 2. Langer 13.17; 3. E. Rabsztyn 13.25. HJ, Kirst (EG) 6-2; 2. Bulkowska 6-¾; 3. tie, Kielan & Lacheta 5-10¼.

POZNAN, June 26—PV, Radzikowski 18-½.

SOUTH AFRICA

SOUTH African Championships, Pretoria, April 10(a)-11(b)—800(b), Handelsman 1:46.65. JT(b), Potgieter 276-0.

Women: 400H(a), van Rensburg 56.80. SP (a), van Heerden 56-4¼. DT(b), van Heerden 183-3.

SOVIET UNION

● IRKUTSK, May 17—PV, Volkov 18-8¼ NR (=WL) (=4, =7 a-t W); 2. Krupskiy 18-4¼.  
DONYETSK, May 23-24—Dec, Grebenyuk 8017 (238-2).

Hept, Zhuzhenko 6051.

JUNIOR Championships, Moscow, May 23-24—HJ, Paklin 7-3.

Women: LJ, Lugavaya 21-8¼ NR.

RIGA, May 30-31—JT, Zirnis 274-3; 2. Kula 272-2; 3. Puuste 262-11.

Women: LJ, Butkiene 22-½

SOCHI, May 30-31—100, Litvinov 10.1. 400H, Arkhipenko 50.0. TJ, Lisichenok 55-8¼. HJ, Granenkov 7-3¼. PV, Volkov 18-4¼ (missd 18-10). DT, Lang 208-3. HT, Syedikh 252-0. JT, Kolosov 279-11. 4 x 800, Leningrad 7:18.4.

Women: 100, Nasonova 11.1. 400, Goyshchik 51.7. 800, Akshimina 1:59.3. 1500, Rigel 4:12.5. 3000, Dvirina 8:44.6. 100H, Petrova 12.9. 4 x 200, Leningrad 1:32.6 (=8 a-t W). 4 x 400, Russia 3:32.5. 4 x 800, Russia 8:07.7 DT, Kharchenko 220-11.

USSR—West Germany Multi-Events, Leningrad, June 13-14 /German decathletes complained of some shady practices by officials/ Dec(USSR 46,751-WG 46,483), Hingsen (WG) 8051; 2. Grebenyuk (SU) 7918; 3. Zhelanov 7897; 4. Kratschmer (WG) 7847.

Hept(USSR 24,326-WG 19,714), Everts (WG) 6301 NR (3, 3 a-t W) (13.70, 42-4¼, 6-0, 23.64, 21-4¼, 105-5, 2:09.10—pent: 4692); 2. Shchulshenko 6127; 3. Korotayeva 6084; 4. Shchubenkova 6080; 5. Vinogradova 6035; . . . dnf—Rukavishnikova 4957 (5 events).

TALLINN, June 17—HJ, Sereda 7-4¼. LJ, Samarine 26-1¼. TJ, Isayev 56-3¼; 2. Chernikov 55-8¼; 3. Uudmae 54-6¼.

Women: HJ, Popkova 6-4. LJ, Vayouchina 21-7¼; 2. Skachko 21-7.

MOWCOW, June—100, Sidorov 10.1. PV, Polyakov 18-4¼. DT, Dumchev 200-5.

Women: 100H, Petrova 13.1. DT, Issayeva 215-6; 2. Myelnik 208-9.

STAVROPOL, June—TJ, Garschine 54-11¼. HT, Kozlov 252-1; 2. Diatlov 247-10.

Women: LJ, Dubinina 22-1.

KIEV, June—1000, Malozyemlin 2:16.0 NR (=7, =7 a-t W). 800, Chirokov 1:46.05. SP, Bojars 66-2¼.

● Women: Mile, Zaitseva 4:22.5 NR (2, 2 a-t W).

RIGA, June—PV, Obizhayev (22) 18-5¼. HT, Maluykov 243-7.

Women: DT, Savinkova 218-9.

LENINGRAD, June—TJ, Isayev 55-9¼; 2. Roganine 55-3¼.

SPAIN

EUROPEAN Cup Women's Prelim, Barcelona, June 20—Teams: 1. Spain 44; 2. Greece 44; 3. Portugal 34; 4. Iceland 28. JT, Verouli (Gre) 202-11 NR.

SWEDEN

MOLNDAL, May 9—JT, Eldebrink 268-9. ● KIL, May 16—JT, Eldebrink 264-7.

STOCKHOLM, May 28—Women: 100 (0.8), Haglund 11.28.

VASTERAS, May 30—JT, Eldebrink 270-0; 2. Keihas (BYU-Swe) 260-7.

ESKILSTUNA, June 2—JT, Eldebrink 279-10.

MALMO, June 4—Women: 400H, Skoglund 57.49.

KARLSTAD, June 7—JT, Eldebrink 280-2; 2. Pihl 273-7.

Women: JT, Nagy 192-2 NR.

OLOFSTROM, June 8—Women: HJ, Lorentzon 6-3¼ NR.

SOLLENTUNA, June 9—400, Josjo 46.56 NJR; 2. Cooper (BAS) 46.58. St, Marsh (AW) 8:32.05; 2. Munyala (Ken-Ul) 8:41.56.

Women: 100, Haglund 11.30.

GOTEBORG, June 15(a)-16(b)—Men /Sweden 159-Switzerland 133-Norway 122/ 400(a), Josjo 46.33 NJR; 2. Kamber (Swi-SJ) 47.30; 3. Breigan (N-SJ) 47.56. 200(b), Josjo 21.16 =NJR. 800(b), Gerber (Swi) 1:49.66; . . . 3. Breigan 1:49.95. 400H(a), Meier (Swi) 50.59; . . . 4. Weland (Swe-Nv) 52.81.

HJ(b), Dalhauser (Swi) 7-3. LJ(a), Bernhard (Swi) 26-9¼w (26-2¼). DT(a), Hjeltnes (N-SCS) 206-11; 2. Gardenkrans 194-6. HT(b), Gustafsson 221-0 NJR; . . . 3. Hoff (N-SMU) 213-10. JT(b), Eldebrink 283-3.

Women (N 112¼-Swe 112-Swi 79¼): 100(a), Haglund 11.42. 200(b), Haglund 22.97. 1500 (a), Waitz (N) 4:12.19; 2. Burki (Swi) 4:13.68. 3000(b), Christensen (N) 9:01.89; . . . 3. Hamrin (Swe-Lam) 9:19.60. 400H(a), Skoglund 56.50 NR; 2. Fredriksen (N) 57.15. JT(a), Bergdahl 193-11 NR.

VASTERAS, June 23—800, Walker (NZ-AA) 1:48.04; 2. Poehling (PCC) 1:48.77. 3000, Duhaime (Can-VAC) 8:00.82. PV, Haapakoski (Fin) 18-2¼; 2. Isaksson 17-2¼; 3. Hall (Tx A M) 17-¾. JT, Eldebrink 295-4 NR; 2. Harkonen (Fin) 273-6.

● Women: 100, Ottey (Jam-Nb) 11.17 (x, 7 a-t C); 2. Haglund 11.39. 1500, Waitz (Nor) 4:16.16.

SWITZERLAND

ZURICH, June 20-21—Dec, Niklaus 8072 NR.

Hept, Schneider 5648 NR.

TAIWAN

TAIPEI, June 13 /rainy/—100, Promna (Thai) 10.3; . . . 3. Green (USC) 10.5. 200, Promna 21.1; 2. Green 21.2. 110H, Campbell (USC) 14.31. PV, Kenworthy (SCA) 16-6¼.

Women: 100, Inniss (CSLA-Guy) 11.5; 2. Boyd (Aus) 11.6. 1500, Hansen (Az) 4:22.2. HJ, Rienstra (Az St) 5-8¼. LJ, Humlebaek (Den) 20-¼; 2. Inniss 19-3¼.

WEST GERMANY

ERLANGEN, June 13—Pent, Peter 3847h (4:03.5).

INGOLSTADT' June 13—800, Ferner 1:46.80. JT, Tafelmeier 288-5.

ETTLINGEN, June 17—HJ, Mogenburg 7-3¼; 2. Thranhardt 7-1; 3. Marten 7-1. JT, Schreiber 271-1; 2. Tafelmeier 264-4.

IHLOW, June 17—DT, Wagner 215-2; 2. Danneberg 200-5; 3. Neu 198-5.

KIEL, June 21 /collegiate champs/—HJ, Nagel 7-4¼. JT, Schreiber 278-2; 2. Gambke 271-10.

ESSEN, June 23—Wessing 286-4.

BERLIN, June 27—SP, Reichenbach 63-4¼.

OBERSUHL, June 27—HJ, Nagel 7-4¼.

● HT, Ploghaus 264-4 (WL) (4, 10 a-t W) (on first throw; also 263-11, 262-3); 2. Muller (Jr) 233-11.

MUNICH, June 27—100, Haas 10.34.

GELSENKIRCHEN, June 27—JT, Wessing 282-3.

REMSCHEID, June 27(a)-28(b)—HJ(b), Thranhardt 7-4¼. HT(a), Huning 247-9. JT(a), Tafelmeier 269-10.

LUDWIGSHAFEN, June 28—HJ, Barribeau (US Ar) 7-3¼.

TROISDORF, July 3—3000, Fleschen 7:57.91. PV, Winkler 18-2¼.

BOBLINGEN, July 4 /West Germany 117—France 95/—HJ, Mogenburg 7-5; 2. Thranhardt 7-3; 3. Agbo (F) 7-3. PV, Belliot (F) 18-6¼; 2. Houvion (F) 18-2¼; 3. Heinrich 17-8¼; 4. Winkler 17-4¼. HT, Riehm 249-1; 2. Huning 242-4. 4 x 400, West Germany 3:06.10. (same day as European Cup)

## • UNITED STATES RESULTS •

### TAC DECATHLON

Goleta, Ca., June 27-28—Crist (AW) 8005 (11.08, 22-8, 44-6, 6-9½, 48.61, 14.85, 149-7, 13-9½, 211-7, 4:28.29; 4073/3932); 2. Allen-Cooksey (AW) 7972 (11.25, 25-6½, 45-0, 6-8½, 49.50, 14.74, 135-10, 14-1½, 204-8, 4:34.65; 4150/3822); 3. Howell (PPC) 7795 (11.01, 23-0, 43-10, 6-2¼, 49.98, 14.74, 149-6, 14-9½, 204-7, 4:39.66; 3878/3917); 4. Alexander (NYAC) 7787 (10.98, 22-1¼, 46-0, 6-1, 49.90, 15.07, 146-6, 15-5, 211-4, 4:39.55; 3849/3938); 5. Wooding (Shore) 7683 (11.02, 21-8½, 47-7¼, 6-6, 48.19, 14.61, 139-8, 14-1¼, 159-10, 4:38.88; 4025/3658); 6. Jacobs (unat) 7678 (11.35, 21-10½, 46-11, 6-3¼, 50.36, 15.38, 150-0, 16-5, 210-9, 4:58.67; 3795/3883); 7. Wopat (SAME) 7650 (11.69, 22-9¼, 49-9½, 6-2¼, 51.03, 15.82, 158-4, 13-9½, 188-10, 4:17.47; 3775/3875); 8. Hill (unat) 7631 (11.25, 23-2¼, 39-4½, 6-6, 49.87, 14.94, 130-11, 13-5½, 194-6, 4:17.29; 3829/2802); 9. Stark (Ft St) 7330; 10. Saye (Hous) 7312; 11. Niederhaus (SCS) 7240; 12. Bryan (CTC) 5793 (nh in PV; nm in DT); . . . dnf—George (AW) 3681 (5 events); Baker (SAME) 3619 (5); Irvine (Az St) 3255 (5); Mont Pas (Az St) 2126 (4).

### TAC HEPTATHLON

Spokane, Wa., June 26-27—Frederick (AW) 6011w (x, 3 a-t US) (14.01w, 49-9¼, 5-6, 24.98, 19-10¼, 136-10, 2:21.59); 2. Joyner (UCLA-Shaklee) 5827w (2, 4 a-t US) (14.54, 37-3, 5-8½, 24.76w, 21-2¼, 118-6, 2:19.46); 3. Walker (Hous) 5704w (=4, =6 a-t US) (14.17, 40-9, 5-8½, 25.36w, 19-1¼, 106-3, 2:17.96); 4. Harrington (Poc TC) 5698 (6, 9 a-t US) (13.92, 37-1, 5-7¼, 25.31, 20-4, 109-10, 2:21.38); 5. Smith (SW) 5618w (7, x a-t US) (14.68w, 34-4¼, 5-9¼, 25.49w, 18-6¼, 126-3, 2:16.39); 6. Stary (Metroplex Strid) 5583 (9, x a-t US); 7. Grainer (Or St) 5534w (10, x a-t US); 8. Russell (Coast Athletics) 5431; 9. Brownell (Va-Williamsburg TC) 5419; 10. Hightower (Coast Athletics) 5412; 11. Blair (Va) 5378 (6-1¼ US best); 12. Wilson (SW) 5074.

### TAC WOMEN'S JUNIOR

Westwood, Ca., July 1 (all heats on 6/30)  
Teams: 1. Willingboro TC 67; 2. LA Mercuriettes 45; 3. Coast Athletics 37; 4. Southern Cal Roadrunners 24; 5. tie, Berkeley East Bay TC, Cooper Stridettes & Liberty AC 20; 8. San Jose Cindergals 18; 9. Sub 4 17; 10. tie, LA Naturite, Metroplex Striders & Valley of the Sun TC 16.  
● 100(-0.9), Glover (Will) 11.42 (4, x a-t USJ); 2. Peterson (LAM) 11.62; 3. Ware (BEB) 11.68; 4. Nedd (MS) 11.74; 5. Devan (Co Flyers) 11.80; 6. Dawkins (LAM) 11.80.  
Heats: I(-1.7)—1. Glover 11.78. II(2.7)—1. Peterson 11.67; 2. Devan 11.77. III(1.5)—1. Nedd 11.64; 2. Ware 11.65.  
200(3.6), Howard (Shaklee) 23.42; 2. Glover 23.69; 3. Nedd 23.73; 4. Devan 23.83; 4. Williams (Club New York) 23.98; 6. Peterson 24.06; 7. McCraw (SC Cheatahs) 24.18. Heats: I(0.5)—1. Nedd 23.79; 2. Williams 24.09. II(0.5)—1. Devan 23.8. III(2.0)—1. Howard 23.72; 2. Peterson 24.04; 3. McCraw 24.11.  
400, Underwood (Cooper Strid) 53.70; 2. Dixon (Atoms) 54.13; 3. Rattray (Tn-Jam) 54.70; 4. Powell (Co Flyers) 55.07; 5. Henry (Club New York) 55.10; 6. Boyd (Co Flyers) 55.4.  
800, Richburg (Gazelle Intl) 2:05.68; 2. Spies (SJC) 2:05.84; 3. Arnold (Crescent City) 2:06.80; 4. Van Landingham (Crescent City) 2:07.42; 5. Zartler (MS) 2:07.49; 6. Bryant (NJ HS) 2:09.1.

● 1500, Gallagher (Will) 4:19.77 (6, 10 a-t USJ); 2. Plumer (CA) 4:25.06; 3. Lis. Welch (LAC) 4:27.36; 4. Weber (SJC) 4:27.73; 5. Higgins (Converse) 4:29.43; 6. Stricker (Co Gold) 4:30.35.  
● 3000, Hopp (Gateway) 9:21.0 (3, 7 a-t USJ); 2. Cook (SCR) 9:22.3 (4, 8 a-t USJ); 3. Les. Welch (LAC) 9:27.1 (6, x USJ); 4. Craven (Oh HS) 9:36.1; 5. Gutierrez (Or HS) 9:45.0; 6. Lopez (Sub 4) 9:49.4.  
100H(-2.2), Lewis (Will) 13.89; 2. Hairston (Greensboro Pace) 13.96; 3. Hunter (Co Sun) 14.24; 5. Bressant (Richmond TC) 14.28; 6. Pendelton (LAM) 14.50; 7. DaCosta (Sunshine Strid) 19.48.  
Heats: I(0.1)—1. Hairston 14.12; 2. Bressant 14.16. II(-1.5)—1. Lewis 14.02; 2. DaCosta 14.10; 3. Hunter 14.23.  
400H, Nelson (Mid-State Union TC) 58.56 (4, 4, a-t USJ); 2. Demorest (Santa Clara Golden Girls) 59.30; 3. Kallon (SC Cheatahs) 59.44; 4. Crowther (II HS) 59.55; 5. Cash (Dynamite TC) 61.37; 6. Johnson (Mid-State Union TC) 61.82; 7. Bressant (Richmond TC) 61.86. Heats: II—1. Nelson 59.96. III—1. Crowther 59.93; 2. Demorest 60.44; 3. Bressant 60.61; 4. DaCosta 60.78.  
3000W, Ramirez (SCR) 15:23.5; 2. Burr (Mesa Sun Angel) 15:34.5; 3. Hogan (SCR) 15:48.9; 4. Welch (Ketterings) 16:34.0; 5. McIntosh (Mercury Bobcats) 17:10.4; 6. Stone (CA) 17:55.0.  
4 x 100, LA Mercuriettes "B" 45.1; 2. Willingboro 45.6; 3. Berkeley East Bay 45.9; 4. Southern Cal Cheatahs 46.8; 5. LA Mercuriettes "A" 47.0; 6. Hempstead (NY) HS 47.4.  
4 x 440, Cooper Stridettes 3:42.09; 2. Sub 4 3:42.13; 3. LA Mercuriettes 3:51.12.  
4 x 880, Coast Athletics 8:51.89; 2. Liberty AC 8:54.12; 3. San Jose Cindergals 8:55.77; 4. Sub 4 9:08.24; 5. Metroplex Striders 9:18.36; 6. Southern Cal Cheatahs 9:29.60.  
SpMed(m), Willingboro "A" 1:42.91 (Gallagher 54.7); 2. LA Mercuriettes "B" 1:43.27; 3. Club New York 1:44.69; 4. Sub 4 1:44.87; 5. LA Mercuriettes "A" 1:46.41; 6. Willingboro "B" 1:47.75.  
HJ, Lind (Nebraska TC) 5-10½; 2. Van Zealand (Golden Bear) 5-9¾; 3. Johnson (Pasadena TC) 5-8¾; 4. Mozingo (Jeffco Jet) 5-8½; 5. Cock-erham (MS) 5-8½; 6. Clark (Tx HS) 5-6.  
LJ, Lewis (Will) 20-11½ (20-5¼, 20-10, 20-9¾, 20-11½, p, p); 2. Williams (CA) 19-11½; 3. Sanders (BEB) 19-6¾; 4. Bressant (Richmond) 19-2; 5. Johnson (BEB) 19-2; 6. Frye (CA) 18-11¼w (18-3¼).  
● SP, Kaaiawahia (LAN) 52-2¼ (x, 2 a-t USJ) (46-10¼, 49-7¼, 52-2¼, 50-2¼, 51-3¼, 51-11¼); 2. Corley (Ca HS) 47-9¾; 3. Johnson (Valley of the Sun TC) 46-0; 4. Dukes (Shore) 45-2¼; 5. Johnson (Or HS) 44-8¾; 6. Costanzo (CA) 43-7¼.  
● DT, Johnson (Valley of the Sun) 165-2 (3, x a-t USJ) (146-9, 165-2, 160-10, 141-8, 157-10, 162-9); 2. Wallace (DC Strid) 157-5; 3. Kaaiawahia (LAN) 157-0; 4. Nickerson (Ca HS) 150-1; 5. Norton (CA) 143-9; 6. Johnson (Or HS) 137-10.  
JT, Antanellis (NJ HS) 156-9; 2. Cronin (Falmouth TC) 154-7; 3. Bernstein (CA) 153-0; 4. Peterka (Or HS) 145-9; 5. Iracabel (Nv HS) 135-6.

### TAC RELAY CHAMPIONSHIPS

Greenville, NY, July 5—Leading Teams:  
1. Philadelphia Pioneers 38; 2. Concerned Athletes In Action 34; 3. New York AC 28; 4. Long Island Alliance TC 24; 5. Shore AC 16.  
4x100, Long Island Alliance TC 40.2 (Aber-nathy, Blue', Crain, Yearwood); 2. Philadelphia Pioneers 40.3; 3. Concerned Athletes In Action 40.4.  
4x200, Long Island Alliance TC 1:23.6 (Aber-nathy, Blue', Crain, Yearwood); 2. Philadelphia Pioneers 1:24.5; 3. Mallery Challengers TC 1:25.7.

4x400, BOHAA 3:07.6 (Duckworth, Lewis, Cherry, Hinds); 2. Concerned Athletes In Action 3:08.7; 3. Philadelphia Pioneers 3:10.2.  
4x800, Fort Lee Athletic Attic 7:31.1 (Forte, Byrne, Barratta, Rivera); 2. New York AC 7:40.3; 3. Mid-State Union TC 7:42.1.  
4x1500, New York AC 15:51.3 (Sullivan, Shields, Ostolozaga, Phillips); 2. Shore AC 15:56.7; 3. Westchester TC 16:24.1.  
SpMed(m), Concerned Athletes In Action 3:27.1 (Hallums, Silas, Williams, Gore); 2. New York Pioneers 3:27.5; 3. Philadelphia Pioneers 3:28.7.  
DisMed(m), New York AC 9:50.9 (De Rienzo, Moffatt, Draddy, Donoghue); 2. Concerned Athletes In Action 9:51.9; 3. Mid-State Union TC 9:54.0.  
4x110H, Philadelphia Pioneers 56.2 (Pierce, M. Booker, Bethel, Wilson); 2. New York Pioneers 57.3; 3. Shore AC 59.3.

### OTHER HIGHLIGHTS

OREGON Community College Champs, Bend, Or., May 2—Women: 100, Parrish (Mt Hood) 11.8. 200, Parrish 23.9. DT, Lass (Lane) 151-9.  
PENN STATE Open, University Park, Pa., May 15—200(1.0), Peynado (S Hall-Jam) 20.89. 400, Peynado 47.05. 1500, Fredericks (BRT) 3:50.29. 110H(0.9), Shine (NYPC) 13.99; 2. Lankford (Penn St) 14.00. 400H, Shine 50.63; 2. Lankford 51.26.  
LADY LION Open, University Park, Pa., May 16—1500, Murnane (Penn St) 4:26.17. 3000, Rawe (Penn St) 9:34.7. 100H, Smithers (Rut) 14.09. 400H, Fales (Penn St) 60.4. SP, Sobansky (Penn St) 49-11¼. JT, Senz (Penn St) 164-4.  
METROPOLITAN TAC, New York, NY, May 31—800, Masback (NYPC) 1:51.4. LJ, Samara (NYAC) 24-7¼. SP, Zelezniak (NYAC) 63-3¾. HT, Sutherland (NYAC) 208-8; 2. Silverio (MYAC) 191-3.  
Women: SpMed(m), Club New York 1:42.7. HJ, Gibson (Brook) 5-10.  
NEW JERSEY TAC, Piscataway, NJ, May 31—800, Westman (Rut) 1:48.7; 2. Kirkland (Rut) 1:49.2.  
NEW ENGLAND Women's Champs, Boston, Ma., May \_\_, —Leading Teams: Rhode Island 91; 2. Springfield 67; 3. Connecticut 55½; 4. Boston University 51½; 5. Brown 49. 3000, St. Hilaire (Vt) 9:22.3. 5000, St. Hilaire 16:14.8. HJ, White (Bost U-Can) 5-11¼. SP, Burke (NE) 52-2¼. DT, Burke 154-4.  
NEW JERSEY State HS, Princeton, NJ, June 4—800, Marshall 1:49.5.  
Women: 100, Glover 11.5. 200, Glover 23.8. 100H, Lewis 14.0. HJ, Edwards 5-10; 2. Lewis 5-8. LJ, Lewis 20-7¼.  
SILVER EAST HS Women's Invitational, Piscataway, NJ, June 13—1500, Gallagher (Pa HS) 4:20.4; 2. Hopp (Ct HS) 4:23.3. 400H, Nelson (NJ HS) 59.7.  
EMPIRE STATE Games Trials, Greenvale, NY, June 27(a)-28(b)—TJ(a), Alston (CWP) 51-1. HT(b), Smolenski (unat) 186-6.  
AC, Westfield, NJ, July 2—DT, Swarts (Shore) 213-6; 2. Oerter (NYAC) 209-7.  
AC, Los Gatos, Ca., July 2—220, Rodgers (SSTC) 20.8. 440, Rodgers 46.5. PV, McAlexander (Cal) 17-0. SP, Oldfield (UCTC) 68-5. DT, McGoldrick (Stars) 206-0; 2. Oldfield 196-9.  
AC, Los Gatos, Ca., July 9—DT, Von Rushke (unat) 189-0.  
Women: 440, Griffith (Adel-Guy) 54.0. SP, Cady (Stan) 48-3. DT, Cady 169-3.

• UNITED STATES AMENDMENTS •

TFA/USA AMENDMENTS

OTHER AMENDMENTS

Wichita, Ks., May 29(a)-30(b)-  
100 heats(b): III(1.9)-1. Ingram 10.35.  
IV(1.2)-1. Butler (Ok St) 10.46. VII(1.7)-1.  
Davis 10.42.  
800 heats(a): I-2. Watson (Jack-Bar) 1:49.0.  
IV-2. Poehling (PCC) 1:48.01.  
1500(b), 6. Dunnigan 3:46.53.  
St(a), 10. Einspahr (Conc/Nb) 9:10.3.  
20km Walk(b), J. Young (Gate) 1:36:55; 2.  
M. Young (Gate) 1:41:55; 3. Comstock (unat)  
1:42:26; 4. Pike (unat) 1:46:50.  
110H heats(a): I(0.3)-1. Campbell 13.44;  
2. Lavitt 13.83, II(0.5)-2. Kelley 13.96.  
4x100heats(a): I-1. Baylor 39.7; 2. Okla-  
homa State 39.8.  
PV(b), 7. Haynie (AFS) 17-4%; 8. Raymond  
(Nb) 17-4%; 9. Dial (Ok HS) 17-4%; 10. tie,  
Kimball (In) 17-4%, Lytle (Ks St) & Stubblefield  
(Ar St); 13. Bright (ACU) 17-4%; ... nh(17-4%)  
-Hall (Tx AM), Porter (HAC) & Woepse (ACA);  
(17-2%) -Baird (unat-Aus); (17-4%) -Duplantis  
(La HS), Jenkins (Tx HS), Siebold (Ok Chris)  
& Smith (ACA).  
HS PV(a), Dial (Ok HS) 17-0; 2. Duplantis  
(La HS) 16-6; 3. Metzger (Ks HS) 16-6; 4.  
Jenkins 16-0.  
LJ(b), 2. Lawrence 25-10%w (24-10); 3.  
McCain 25-9%w (25-9%); 6. Rea (UCTC-Aus)  
25-3%w (24-10%); 7. Kirnes (M Tn) 24-7%; 8.  
Alli (Mo-Nig) 24-6w (23-3%). Qualifying(a):  
McCain 25-5%; Arits 25-2%; ... notable non-  
qualifiers - R. Williams (SCA) 23-5%.  
TJ(b), 2. Washington 52-5%; 3. Dupree  
51-10%; 6. Moi 50-3%.  
SP(a), Dolegiewicz 67-7; 2. Anderson 66-9%;  
3. Plucknett 66-3%; 4. Braun 65-4%; 5. Lehmann  
64-10%; 6. Staub 64-8; 7. Pauletto (KTC-Can)  
64-5%; 8. Stuart (UCTC) 62-11%; 9. Carter  
(SMU) 63-11; 10. Schetz (Ia St) 62-8%; 11.  
Robinson (unat) 60-4%.  
DT(b), Plucknett 217-0 (201-10, 197-4,  
197-2, 201-8, 217-0, 208-3); 4. Swarts 197-11;  
6. Lofquist 195-2; 8. Korshoj (Nb) 188-4; 9.  
Carter 185-7; 10. Gray (unat-Can) 185-6; ...  
nm-Wilkins (AW).  
HT(b), Olsen 231-11; 2. Weir 227-3; 3.  
Bessette 223-7; 4. Hoff 222-1; 5. McArdle  
218-11; 7. Podolski 202-0.  
JT(b), Stockton 251-8; 4. Russell 229-0;  
Women: 100(b, 0.3), 5. Anderson 11.75.  
Heats(b): I(1.5)-1. Hope 11.80; 2. Anderson  
11.81; 3. DeVan (Co HS) 11.85. III(0.9)-1.  
S. Brown 11.72; 2. Greene 11.82. IV(1.9)-1.  
Rich 11.80. V(1.5)-1. Nedd (Tx HS) 11.73;  
2. Forde 11.82.  
200(a, 0.0), Ashford 22.62 (x, =6 a-t US);  
6. Forde 24.41. Heats(a): I-1. Nedd 24.10.  
IV(0.0)-1. Ashford 22.5.  
400 heats(a): II-1. Bryant 53.99.  
800(a), 7. Wells (Co Gold) 2:27.64. Heats  
(a): I-1. Campbell (STC) 2:08.64.  
5000(a), Schilly (IU) 17:29.2; 2. Weber (Ia)  
17:47.8; 3. Hendrixson (Co Gold) 17:56.4; 4.  
Kalbach (CSTC) 18:25.9; 5. Voelker (Wich)  
19:06.3; 6. Spring (Wich) 19:21.8.  
4x100(b), LA Naturite 45.40 (Anderson, Rich,  
Bryant, Gorham).  
4x400(b), LA Naturite 3:36.22 (Myers 53.0,  
Bryant 54.6, Gorham 54.4, Rich 54.3).  
HJ(b), Spencer 6-5% AR (5-9%, 5-11%, 6-1,  
6-3, 6-5% [2], 6-7% [xxx]); 5. tie, Cockerham %  
Kolarik 5-7%.  
LJ(b), Anderson 21-8%w (21-8%w, 20-10%,  
20-7%, 20-4%, 20-9%, 21-1/2); 2. Harmon 20-3%w  
(18-8%); 3. Brandon 20-1%; 4. Gowan 20-1/2w  
(19-8%).  
SP(b), Small (Ks) 45-11%; 2. Stucky (Ks St)  
44-2%; 4. Hyder 42-2; 5. Beyrle 41-3; 6. Allen  
41-1%.

PRAIRIE VIEW Relays, Prairie View, Tx.,  
March 28-110H(w), Thomas (PV) 13.6; 2. Ken-  
nedy (Tx Sn) 13.7; 3. Hayes (Sn) 14.0; 4. Hol-  
lier (Sn) 14.0; 5. Clark (PV) 14.1. 4x200, Sou-  
thern 1:24.7, 4x110H, Texas Southern 56.8;  
2. Prairie View A&M 56.9; 3. Southern 57.9.  
Women: 100(w), Weekly (Tx Sn) 11.6; 2.  
Edwards (unat) 11.8. Heats: I(w)-1. Weekly  
11.5; 2. Nicholson (Sn) 11.5. 100H(w), Weekly  
13.5. 4x100, Texas Southern 46.1. 4x400,  
Prairie View A&M 3:42.0. SpMed(m), Prairie  
View A&M 1:42.9; 2. Texas Southern 1:43.0.  
Mt. SAC-Grossmont CC, Walnut, Ca.,  
March 27-100(w), McNeal 10.2. 200(w) Spot-  
ville 20.7.  
CAROLINA Invitational, Columbia, SC  
(not Chapel Hill, NC), April 4-110H(w), Cum-  
mings 13.7; 2. Kirkland 13.8. DT, Swarts 193-9.  
CW POST Relays, Greenvale, NY, April  
10-11-110H(w), R. Smith (FD) 13.7; 2. John-  
son (LIA) 13.8.  
Women: 100(w), Williams (NY HS-Tri) 11.7;  
2. Young (FD) 11.8.  
MASSACHUSETTS Relays, Amherst,  
Ma., April 11-HT, 5. Olsen (unat) 20:11; 6.  
Rodgers (Sn Ct) 196-0; 7. Healy (NYAC) 193-1;  
8. Bradford (Ct) 188-8.  
Women: DT, Iacovo (Taun TC) 162-6.  
ARKANSAS STATE Classic, Jonesboro,  
Ar., April 11-LJ, Baker (Sn II) 25-4%.  
SHOCKER Festival, Wichita, Ks., April  
11-PV, Raymond 17-6%.  
PENN STATE Invitational, University  
Park, Pa., April 18-100(1.5), Serrette (FD-Tri)  
10.40. 110H(1.6), Lankford (Penn St) 13.85;  
2. R. Smith (FD) 14.03. 400H, Lankford 53.51.  
COMMODORE Relays, Nashville, Tn.,  
April 18-Women: 100(-), Cheeseborough 11.5.  
4x100, Tennessee State 44.8. 4x200, Tennessee  
State 1:36.6; 2. East Tennessee State 1:39.1.  
4x400, Tennessee State 3:32.7. LJ, Arnold (A  
Peay) 20-2%.  
BROOKS Invitational, Northridge, Ca.,  
April 18-10,000, Alvarez (UCR) 28:59.59.  
Women: 200, Inniss (CSLA-Guy) 24.61; 2.  
Rich (LAN) 25.19. SP, Pagel (CSLB) 51-4%; 2.  
Griffin (AW) 49-1%; 3. McElroy (CSLB) 48-1%;  
4. Kennedy (S Di) 46-11.  
DRAKE Relays, Des Moines, Ia., April  
21-22-Dec, Bishop (Wn Mi) 7296h (7209t); 2.  
Bastien (En Mi) 7292h (7207t); 3. Willey  
(SDTC) 7148h (7063t); 4. Harvey (Drake TC)  
7139h (7052t); 5. Neubauser (St Cloud) 7105h  
(7019t); 6. Lawson (Nn Ia TC) 7049h (6986t);  
7. Howell (PPC) 6726h (6636t); 8. Gatewood  
(Ok TC) 6261h; ... dnf-Alexander (NYAC)  
5239h for 7 events (Howell & Alexander were  
1, 2 until no heighting in PV).  
Women: Hept, Roth (II St) 5119h (5073t);  
2. Gillespie (Ia HS) 4977h (4934t); 3. Adams  
(Ia) 4853h (4812t); 4. Odlevak (WI/Sup)  
4837h (4796t); 5. Fuller (Ks) 4660h (4621t);  
6. Wacaser (II) 4496h (4554t).  
WAYLAND BAPTIST Invitational, Way-  
land, Tx., April 24-LJ(ok), Smith (Way B) 25-7%.  
MURRAY STATE Twilight, Murray, Ky.,  
April 25-100 heats: III(1.4)-1. McLeod 10.34.  
OHIO VALLEY CONFERENCE, Murray,  
Ky., May 1-2-100 heats(5/1): I(w)-1. McLeod  
10.41; 2. Kirnes 10.44. II(w)-1. Gambrell  
10.34. LJ(5/1, w), Artis 26-2%; 2. Kirnes  
25-4%.  
Women: 100 heats(5/1): II(w)-1. Lewis  
11.81; 2. Arnold 11.83. 100H(5/2), 2. Foster  
(En Ky) 14.0.  
KANSAS STATE Women's Invitational,  
Manhattan, Ks., May 2-Hept(5/1-2), Kindig  
5566h (5518t) (14.5, 39-3, 5-2%, 25.8, 19-4%,  
130-6, 2:19.6); 2. Nickles 5232h (5186t); 4.

Kolarik 5013h (4971t).  
AIR FORCE ACADEMY 101-Colorado  
38-Colorado State 36-Southern Colorado 32,  
Air Force Academy, Co., May 2-TJ(w), Little  
(Sn Co) 52-0.  
WCAA, San Diego, Ca., May 2-3-100  
heats: I(-0.5)-1. Bolden 11.50. II(-0.6)-1.  
Griffith 11.6. SP, Ritchie 54-11% (51-4%,  
52-2%, 51-5%, 54-11%, 53-3%, f). DT, Ritchie  
208-11 (184-7, f, 192-6, 208-11, 196-8, 202-8).  
BIG EAST, Villanova, Pa., May 3-200  
(ok), Paul 20.74.  
LONG BEACH Invitational, Long Beach,  
Ca., May 3-HT, 5. Rohovit 188-4.  
Women: SP, Griffin 52-8 (48-3%, f, 50-6%,  
f, f, 52-8). DT, Griffin 186-11 AL (series inclu-  
ded 186-11, 177-4, 3 fouls, 1 unmeasured throw).  
PHILADELPHIA Metropolitan, Philadel-  
phia, Pa., May 8-200(ok), Hill 20.6.  
EASTERN AIAW, University Park, Pa.,  
May 8-SP, 4. Sobansky (Penn St) 49-1/2.  
SWC Women, Fayetteville, Ar., May 8-9-  
SP, Palmer 46-1. DT, Messner 166-2; 3. Palmer  
156-10.  
NORTHWEST AIAW, Corvallis, Or., May  
8(a)-9(b)-400H semis(a): I-1. Miller (Or)  
59.19. Hept(5/7-8), Greiner 5338.  
ARIZONA STATE 101-Arizona 53, Tuc-  
son, Az., May 9-HJ, Frazier (AFS) 7-5.  
QUICKSILVER HS Classic, San Jose, Ca.,  
May 9-Women: 4x100, Berkeley 46.13.  
CCAA, Bakersfield, Ca., May 16-100,  
Kent (SLO) 10.37; 2. Sial Sial (SLO-Nig) 10.51.  
Heats(5/15): Sial Sial 10.1w.

ALL-TIME MILE PERFORMANCES LIST

1. 3:48.8 Steve Ovett (GB) '80
2. 3:48.95 Sebastian Coe (GB) '79
3. 3:49.25 Ovett '81
4. 3:49.4 John Walker (NZ) '75
5. 3:49.57 Ovett '79
6. 3:49.66 Ovett '81
7. 3:49.67 Jose-Luis Gonzalez (Spa) '81
8. 3:49.68 \*Steve Scott (Sub 4) '81
9. 3:50.26 Walker '81
10. 3:50.34 \*Todd Harbour (Bay) '81
11. 3:50.38 Steve Cram (GB) '81
12. 3:50.56 Thomas Wessinghage (WG) '79
13. 3:50.58 Walker '81
14. 3:50.61 Eamonn Coghlan (Eir) '81
15. 3:50.87 Gonzalez '81
16. 3:50.91 Wessinghage '81
17. 3:51.0 Filbert Bayi (Tan) '75
18. 3:51.11 \*Scott (Sub 4) '79
19. 3:51.1 \*Jim Ryun (Ks) '67
20. 3:51.3 \*Ryun (Ks) '66
21. 3:51.6 Ovett '80
22. 3:51.77 Pierre Deleze (Swi) '81
23. 3:51.81 \*Scott '81
24. 3:51.94 Suleiman Nyambui (Tan) '81
25. 3:51.98 Walker '81
26. 3:52.02 \*Craig Masback (NYPC) '79
27. 3:52.0 Walker '77
28. 3:52.11 Coghlan '81
29. 3:52.17 Ben Jipcho (Ken) '73
30. 3:52.24 Walker '75
31. 3:52.26 \*Scott '81
32. 3:52.2 \*Marty Liquori (NYAC) '75
33. 3:52.44 Sydney Maree (SA) '81  
John Robson (GB) '81
35. 3:52.45 Coghlan '79
36. 3:52.50 Wessinghage '78
37. \*Scott '81
38. 3:52.59 Jozef Plachy (Cze) '78  
(38 marks by 19 athletes)