

# TRACK NEWSLETTER

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## MAJOR DOMESTIC RESULTS

### ASHFORD 10.90 AR

NATURITE/USOC Invitational, Colorado Springs, Co., July 22(a)-23(b) /altitude 1823; swirling winds and intermittent rain both days/—

- 100(a): 1(0.6)—1. Ashford (Med TC) 10.90 AR (old AR 10.97 Ashford [Macc] '79) (2, 2 a-t W); 2. Bolden (UCLA) 11.25; 3. Griffith (UCLA) 11.34; 4. Pusey (CSLA-Jam) 11.36; 5. Brown (Shak) 11.51; 6. Anderson (LAN) 11.78.
- 11(15 minutes after 1, 0.0)—1. Ashford 10.99 (x, =8 a-t W; x, =3 a-t US); 2. Griffith 11.38; 3. Pusey 11.48; 4. Brown 11.50; 5. Bolden 11.51.
- 200(a, -2.3), Ashford 22.44(x, =8 a-t US); 2.

Griffith 23.68; 3. Bryant (LAN) 24.12; 4. Washington (Shak) 25.31.

400(a), Pusey 52.46; 2. Manning (ORTC) 52.50; 3. Bryant 52.99; 4. Emerson (UCLA) 53.08; 5. Fowler (UCLA-Bah) 54.08.

400H: 1(a)—1. Myers (LAN) 56.38 (2, 2 a-t US); 2. Taylor (Shak) 60.34; 3. Farmer (Az-Jam) 60.56.

11(b)—1. Myers 56.94.  
4x100(b), UCLA Alumni 43.27 (4 a-t US) (Brown, Bolden, Griffith, Ashford); 2. BPWF TC 45.23 (Bryant, Pusey, Washington, Fowler').  
HJ(a), Spencer (LAN) 6-1½.

LJ: 1(a)—1. Anderson 22-3 (x, =3 a-t US); 2.

Bell (MSAC) 20-6¼; 3. Taylor 19-7¼.

- 11(b)—1. Anderson 22-10 (x, 2 a-t US); 2. Taylor 19-10¼; 3. Bell 19-9¼.

### TAC JUNIOR HEPTATHLON

Spokane, Wa., June 26-27 /hand-timed/—  
Mills (Ca HS) 5200 (5154t) (14.6[2.5], 37-3, 5-5, 26.2[1.7], 17-5½, 134-3, 2:40.3); 2. Mann (NY HS) 5169 (5124t); 3. Michalak (Wa HS) 4848 (4807t); 4. Dorman (Wa HS) 4165 (4128t); ... dnf—Gatzambide (Ut HS) 3867 (6 events).

## NATIONAL SPORTS FESTIVAL

Syracuse, N.Y., July 25(a)-26(b)-27(c)—  
Teams (combined): 1. West 449; 2. East 357½; 3. South 323; 4. Midwest 290½.

Men: Teams: 1. West 262; 2. East 202½; 3. Midwest 183½; 4. South 180.

- 100(a, 4.2), J. Sanford (W) 10.03; 2. R. Brown (W) 10.18; 3. Glance (S) 10.20; 4. D. Walker (E) 10.23; 5. Butler (M) 10.28; 6. Collins (S) 10.33; 7. Tabron (M) 10.38; 8. Crain (E) 10.68.

200(c), Evans (W) 20.53; 2. E. Brown (W) 20.61; 3. Taylor (S) 20.87; 4. Roberson (S) 20.93; 5. Butler (M) 21.12; 6. tie, Quow (E), Tabron (M) 21.14; 8. Blue (E) 21.64.

400(a), Darden (W) 46.51; 2. Jefferson (S) 46.76; 3. Henley (W) 46.95; 4. Yearwood (E) 47.04; 5. Nix (M) 47.49; 6. Hodge (E) 48.61; 7. Hartson (S) 48.79; 8. Williams (M) 49.54.

800(c), Robinson (W) 1:47.53; 2. Wilson (M) 1:48.03; 3. Martin (E) 1:48.03; 4. Mays (S) 1:48.20; 5. Theriot (W) 1:48.73; 6. Westman (E) 1:49.51; 7. Davis (M) 1:49.52; 8. Stephens (S) 1:49.56.

1500(a), Byers (W) 3:44.84; 2. Maree (E) 3:45.44; 3. Donoghue (E) 3:46.62; 4. Aragon (M) 3:47.46; 5. Peterson (M) 3:49.22; 6. McAlister (S) 3:49.58; 7. Aldridge (W) 3:50.82; 8. Jones (S) 3:52.45.

St(a), Marsh (W) 8:32.67; 2. Jensen (W) 8:38.32; 3. Heikkinen (M) 8:45.34; 4. Jackson (M) 8:45.75; 5. Cooper (S) 8:46.73; 6. Tuttle (S) 8:52.50; 7. Sayre (E) 8:52.64.

5000(c), Virgin (M) 13:35.4; 2. Salazar (W) 13:38.2; 3. Cuzzort (S) 13:49.5; 4. Centrowitz (E) 13:49.9; 5. Slack (M) 13:58.0; 6. Arriola (W) 14:19.9; 7. O'Connell (E) 14:30.3; ... dnf—Fox (S).

10,000(a), Meyer (E) 28:58.88; 2. Mavis (M) 29:03.38; 3. Perkins (S) 29:23.25; 4. Gordon (W) 29:28.26; 5. Bjorklund (M) 29:35.96; 6. Fredericks (E) 29:54.15; 7. Froelick (S) 30:24.80.

Mar(b), Pfitzinger (E) 2:15:20; 2. Tuttle (W) 2:16:00; 3. Durden (S) 2:18:27; 4. Bateman (S) 2:19:37; 5. D. Smith (W) 2:21:33; 6. Frederick (E) 2:22:43.

20k(W)(a), Scully (E) 1:29:13; 2. O'Connor (W) 1:30:12; 3. Heiring (M) 1:31:28; 4. Edwards (E) 1:37:32; 5. Reilly (W) 1:45:02; 6. Kleinhonz (S) 2:00:17.

50k(W)(a), O'Sullivan (E) 4:28:58; 2. Glusker (W) 4:31:09; 3. Pecinovskiy (M) 4:41:44; 4. Rosencrantz (W) 4:42:52; 5. Vaitones (E) 4:43:35; 6. Picken (S) 4:49:20.

- 110H(b, 3.5), Nehemiah 13.00; 2. Foster (W) 13.22; 3. Gault (S) 13.59; 4. Campbell (W) 13.70; 5. Norman (E) 13.90; 6. Dixon (M) 14.02; 7. Clark (S) 14.09; 8. Lavitt (M) 14.44.
- 400H(a), Phillips (W) 49.63; 2. Walker (S) 49.96; 3. Brown (M) 51.01; 4. Lankford (E) 51.18; 5. Shine (E) 51.20; 6. Rambo (S) 51.87; 7. S. Johnson (M) 53.96.

4 x 100(c), West 39.28 (R. Brown, Brown, J. Sanford, Evans); 2. South 39.34; 3. Midwest 39.88; ... dnf—East.

4 x 400(c), East 3:03.60 (Hodge, White, Hill, Yearwood); 2. South 3:03.98; 3. Midwest 3:10.97.

HJ(a), Seay (M) 7-5; 2. Williams (E) 7-3¼; 3. Howard (S) 7-3¼; 4. Page (E) 7-3¼; 5. Lucero (M) 6-11¼; 6. Weaver (S) 6-11¼.

PV(c), Volz (M) 18-2½ (x, =5 a-t WJ; x, 2 USJ); 2. Bell (S) 17-10¼; 3. Langford (M) 16-6¼; 4. Strawderman (E) 16-6¼.

LJ(a), Myricks (S) 26-11¼; 2. Alston (W) 25-2; 3. Duvall (M) 24-9; 4. Ross (M) 24-5; 5. McRae (W) 24-4¼; 6. Lawrence (E) 23-9¼; 7. Smith (W) 23-8; 8. Cousins (E) 23-6.

TJ(c), McFadden (E) 54-6; 2. Jordan (S) 54-1; 3. Alston (E) 53-¼; 4. Washington (S) 52-11¼; 5. Kimble (W) 52-10¼; 6. Bates (W) 51-8; 7. Hatfield (M) 51-8.

SP(c), Oldfield (W) 68-5; 2. Carter (S) 67-2; 3. Laut (W) 66-2¼; 4. Braun (M) 64-10; 5. Zelezniak (E) 62-6; 6. Pyka (E) 61-10¼; 7. Lehmann (M) 60-4¼; 8. Weeks (W) 59-7½; 9. Brooks (S) 56-½.

DT(c), Powell (W) 214-1; 2. Burns (W) 210-0; 3. Oerter (E) 206-2; 4. Crowell (M) 204-4; 5. Swarts (E) 196-9; 6. Lofquist (S) 189-1; 7. McCulla (S) 180-8; 8. Korshoj (M) 168-5.

HT(a), McKenzie (W) 228-5; 2. Bessette (E) 227-4; 3. Farmer (S) 222-4; 4. McArdle (W) 220-3; 5. Sutherland (E) 218-9; 6. Podolski (M) 204-1; 7. Bateson (S) 198-7; 8. Logan (M) 185-11.

JT(b), Roggy (W) 280-7; 2. Packer (W) 257-9; 3. Hartle (S) 245-9; 4. Meyer (E) 242-7; 5. Hansen (M) 241-1; 6. Greene (M) 235-10; 7. Puccetti (E) 226-11; 8. Stockton (S) 225-8.

Dec(b-c), Mondschein (W) 7532 (10.83, 21-4, 41-7, 6-3¼, 49.14, 15.91, 138-2, 14.9¼, 175-1, 4:27.92); 2. Baker (W) 7464; 3. Pirtle (E) 7373; 4. Bryan (E) 7082; 5. Bastien (M) 6916; ... dnf—Coleman (S) 3472 (5 events); Stewart (S) 2623 (4); Sayre (M) 692 (1).

WOMEN: Teams: 1. West 187; 2. East 155; 3. South 143; 4. Midwest 107.

- 100(a, 3.2), Ashford (W) 11.01; 2. Bolden (W) 11.25; 3. J. Davis (S) 11.54; 4. Perry (M) 11.71; 5. Doyle (E) 11.84; 6. Gorham (M) 11.88; 7. Mastin (S) 11.96; 8. Jefferson (E) 12.04.

200(c), Griffith (W) 23.02; 2. A. Jackson (E) 23.81; 3. J. Davis (S) 24.14; 4. Perry (M) 24.20; 5. Echols (E) 24.22; 6. Gilliam (M) 24.55; 7. Nedd (S) 24.67; 8. Emerson (W) 24.72.

400(b), D. Howard (W) 53.04; 2. Bryant (W) 53.87; 3. McCauley (E) 54.06; 4. Moore (M) 54.22; 5. Forde (E) 54.99; 6. Van Landingham (S) 56.91; 7. Sedwick (M) 58.18; 8. Rodgers (S) 58.78.

800(c), Manning (S) 2:01.99; 2. Gallagher (E) 2:02.99 (x, 6 a-t USJ); 3. Clark (E) 2:05.78; 4. Spies (W) 2:05.93; 5. Arnold (S) 2:07.40; 6. Willis (M) 2:09.11; 7. Peterson (W) 2:12.79.

1500(c), Bremser (M) 4:15.62; 2. Merrill (E) 4:15.65; 3. Ralston (W) 4:21.90; 4. Arnold (S) 4:25.68; 5. Stricker (M) 4:26.16; 6. Sa. Gregg (W) 4:33.26; 7. Rawe (E) 4:36.95; 8. Overby (S) 4:44.23.

3000(c), Gallagher (E) 9:19.67 (3, 7 a-t USJ); 2. Eide (W) 9:20.08; 3. M. Shea (S) 9:22.11; 4. Urish (S) 9:26.06; 5. Cook (W) 9:29.97; 6. Forbes (W) 9:30.31; 7. Weaver (M) 9:30.48; 8. Girard (E) 9:30.91; 9. Schilly (M) 9:47.55; 10. Richburg (E) 11:06.11.

Mar(b), DeWald (E) 2:47:06; 2. Kaput (W) 2:51:39; 3. Pfeifer (W) 2:52:26; 4. Eittle (M) 2:53:36; 5. Hulak (E) 2:56:20; 6. Mastin (E) 2:56:55.

100H(a, 3.3), Hightower (M) 13.05; 2. Turner (M) 13.35; 3. Brown (S) 13.64; 4. Watkins (S) 13.80; 5. Young (E) 14.09; 6. Smithers (E) 14.18; 7. Bourn (W) 14.37.

400H(a), E. Brown (E) 58.50; 2. T. Brown (S) 59.93; 3. Miller (W) 60.44; 4. Clary (E) 60.90; 5. Lancaster (M) 61.48; 6. E. Smith (S) 62.78; 7. Matthews (M) 65.79; ... dnf—Myers (W).  
4 x 100(c), West 44.14 (A. Brown, Bolden, Griffith, Washington); 2. East 44.80; 3. South 44.84; 4. Midwest 46.38.

4 x 400(c), West 3:31.72 (Clagon, Emerson, Bryant, D. Howard); 2. East 3:33.89; 3. South 3:39.78; 4. Midwest 3:42.40.

HJ(c), Spencer (W) 6-3¼; 2. Carter (S) 6-¼; 3. Bluntson (W) 6-0; 4. Ford (S) 6-0; 5. Ackerman (E) 5-10¼; 6. Brockhaus (M) 5-7¼; 7. Heinrich (E) 5-5¼.

LJ(c), McMillan (W) 21-2½; 2. Anderson (W) 20-11¼w; 3. Hatcher (E) 20-1¼w; 4. Johnson (M) 19-9¾; 5. Thomas (S) 19-9¾; 6. Brandon (M) 19-9¾; 7. Bennett (S) 18-9¾; 8. Rankin (E) 17-3w.  
SP(a), Wood (E) 53-9; 2. Pagel (W) 50-1½; 3. Thornton (S) 48-½; 4. Van Pelt (W) 46-6¾; 5.

Ferry (S) 44-4¾; 6. Mitnik (E) 44-0; 7. Cox (M) 43-3¾.  
DT(c), Wood (E) 182-4; 2. Cady (W) 168-4; 3. Svendsen (W) 167-8; 4. Messner (S) 164-9; 5. Gay (S) 162-4; 6. Neer (M) 156-3; 7. . . . 8. Iacova (E) 146-8.  
JT(a), Kearney (M) 175-9; 2. Olson (S) 175-1; 3. Harmon (W) 173-11; 4. O'Carroll (E)

154-5; 5. Oursa (S) 152-5; 6. Senz (E) 152-5; 7. Williams (M) 149-2; 8. Osborne (W) 138-0.  
Hept(b-c), Greiner 5574 (W) (14.72, 41-0¾, 5-7¾, 25.50, 18-8¾, 126-2, 2:27.69); 2. Russell (W) 5500; 3. Stary (S) 5432; 4. Brownell (E) 5307; 5. Chester (E) 5153; 6. Adams (M) 4508; 7. Bair (E) 4384; . . . dnf—Joyner (W) 775 (1 event).

## • U.S. RESULTS •

HS Invitational, Duncan, Ok., March 28—PV, Dial (Ok HS) 17-0.

AC, Mesa, Az., April 3—JT, Chapman (unat) 257-2.

COWBOY HS Invitational, Stillwater, Ok., April 10—PV, Dial (Ok HS) 17-6.

HS Invitational, Norman, Ok., April 17—PV, Dial (Ok HS) 17-6.

HS County, Marlow, Ok., April 27—PV, Dial (Ok HS) 17-6¾.

HS State, Oklahoma City, Ok., May 1—PV, Dial (Ok HS) 15-6.

HS Women's District, Denver, Co., May 9—100(1.2), DeVan (Co HS) 11.4. 200(0.1), DeVan 23.7.

HS State, Charleston, Il., May 23—100 (4.2), Spearman 10.0; 2. McKemey 10.2.

HS State, Des Moines, Ia., May 30—HJ, Tietjens (Ia HS) 7-3¾ (5, =8 a-t USJ).

US INTERSERVICE Team vs. Great Britain RAF, Annapolis, Md., June 10—200, Washington (US Ar) 20.7. 1500, Goater (GB) 3:46.85. 4x100, US Interservice 40.12. HJ, Barrineau (US Ar) 6-10¾. TJ, Brooks (US Ar) 52-3¾. LJ, Lawrence (US Ar) 25-3¾. HT, Durigan (US Ar) 188-7.

SENIOR Games, Baltimore, Md., June 12—440, Yearwood (LIA) 47.2.

AC, San Diego, Ca., June 13—200(1.3), tie, Blaylock (S Di) & Krulac (SSTC) 20.93. DT, Lettow (UCLA) 189-5.

Women: 400, Clagon (LAM) 53.56. 4x100, LA Mercurettes 45.8. SP, Dasse (unat) 47-2¾. JT, Dunton (AIA) 162-6.

WOMEN'S AC, Denver, Co., June 23—200(2.0), DeVan (Co HS) 23.4.

TAC Women's Youth Athletics Champs, Westwood, Ca., July 5 (heats on 7/4)—16-17 age group: 400, Nedd (Tx HS) 54.06. 800, Jacobs (Ca HS) 2:08.53. 1500, Jacobs 4:25.0. 400H, Crowther (Il HS) 59.20; 2. DaCosta (FI HS) 59.22. 4x880, San Jose Cindergals 8:56.68. DT, Norton (Ca HS) 157-9; 2. C. Johnson (Az HS) 156-11.

14-15 age group: 100(1.6), Davis (Ms HS) 11.6; 2. A. Williams (NY HS-Tri) 11.6. 200 (-0.6), A. Williams 24.08; 2. Davis 24.19. 1500, Rowen (NJ HS) 4:30.7; . . . 3. Erickson (Nb HS) 4:33.2. 3000, Erickson 9:32.4 (10, x a-t USJ); 2. Rowen 9:59.2. 400H, Kellon (Ca HS) 60.33. Heats: 11—1. Kellon 60.9.

AC, Smithtown, NY, July 6—HT, Smolenski (unat) 194-2.

AC, Norman, Ok., July 7—PV, Dial (Ok HS) 17-8.

AC, Pasadena, Ca., July 10—HJ, Stones (PCC) 7-5; 2. Nordquist (Wa St) 7-0.

AC, Eugene, Or., July 10—100, Brathwaite (OTC-Tri) 10.2. 2M, Plasencia (AW) 8:39.0; 2. McCarey (AW) 8:39.6; 3. Spinney (AW) 8:42.0. DT, Voorhees (OTC) 203-4. DT (17-18), Bates (Or HS) 175-8 (=4, =4 a-t HS).  
Women: DT, Picknell (OTC) 178-9 PR. JT, Harmon (Or) 162-9.

WISCONSIN UNITED International, Madison, Wi., July 11—1500, Jackson (AW) 3:51.25. SP, Braun (Wi TC) 65-2; 2. Scheetz (Ia St) 59-10.

Women: 400, Moore (Wi) 54.67. 800, Bremser (WU) 2:07.24; 2. Mahr (unat) 2:08.92. 3000, Bremser 9:16.9. LJ, Johnson (Wi) 19-7¾. DT, Messner (Tx) 156-3.

OPTIMIST Olympics, Shawnee Mission, Ks., July 11—DT, Lofquist (Ar) 205-4; 2. Johnson (Ks) 167-10.

KENDALL Women's Classic, Chestnut Hill, Ma., July 12 /434m track/—400(1 turn), Jackson (DCI) 53.1; 2. McCaulley (Rut) 53.2; 3. Belle (Morg) 53.6; 4. Underwood (Ma HS) 53.7; 5. Trant (Ks St) 54.2; 6. Clark (Tn) 54.6; 7. Hart (Penn St) 55.6; 8. Dixon (NY HS) 56.3.

1 Mile, Werthner (Can) 4:40.7; 2. Hopp (Ct HS) 4:42.6; 3. Richburg (NY HS) 4:44.7; 4. Oesterlin (Gazelle) 4:53.7; 5. Rawe (Penn St) 5:05.5. 5000, M. Shea (NC St) 16:25.0; 2. Conz (NBTC) 16:29.0. 4x400, DC International 3:36.6; 2. Atoms TC 3:38.8; 3. Ms AC 3:39.9; 4. Ambler Olympic Club 3:42.6. HJ, Gibson (Brook) 5-10; 2. Gregg (Taun TC) 5-6; 3. Heinrich (NC St) 5-6.

AGE GROUP Meet, Eugene, Or., July 12—  
● Women: HJ(14-15), Moore (Wa HS) 6-2 (1.88) AJR, HSR (old records 6-1¼ Girven [Va HS] '76) (8/8/65).

AC, Norman, Ok., July 14—PV, Dial (Ok HS) 17-11 HSR (old HSR 17-10¾ Duplantis [La HS] & Jenkins [Tx HS] '81) (5.46) (5, x a-t WJ; 2, x a-t USJ).

AC, Long Beach(?), Ca., July 15—Women: SP, Pagel (CSLB) 48-7. DT, Pagel 154-2.

AC, Los Gatos, Ca., July 16—100y, Green (USC) 9.7. SP, Feuerbach (AW) 63-5.

Women: 440, Griffith (Adel-Guy) 54.2. SP, Cady (Stan) 47-6. DT, Cady 147-3.

PACIFIC MASTERS Championships, Westwood, Ca., July 18—TJ(30-35), Tiff (MIA) 51-11¾.

AC, Mission Viejo, Ca., July 22—Women: SP, Griffin (AW) 50-8¾. DT, Griffin 172-10. AC, Knoxville, Tn., July 24—400H, Mann (VAC) 49.5 (ran first sub-50 at Knoxville in 1969 NCAA).

AC, Eugene, Or., July 24—5000, Plasencia (AW) 13:38.2. DT, Voorhees (OTC) 214-0. AC, Smithville, NY, July 27—HT, Smolenski (unat) 196-1.

AC, Mission Viejo, Ca., July 29—Women: DT, Griffin (AW) 180-1.

AC, Los Gatos, Ca., July 30—SP, Feuerbach (AW) 62-11.

Women: 200, Griffith (Adel-Guy) 23.9. 400, Griffith 52.7 (both marks run in men's races). DT, Cady (Stan) 168-3.

USOC Development, Colorado Springs, Co., July \_\_\_ /altitude 1823/—PV, Duplantis (La HS) 17-11¾ HSR (old HSR 17-11 Dial [Ok HS] '81) (5, x a-t WJ; 2, x a-t USJ) (17-0[2], 17-6, 17-11¾[2], 18-4[xxx]); 2. Dial (Ok HS) 17-6.

AC, Eugene, Or., July 31—800, Byers (AW) 1:47.4. PV, Lipscomb (OTC) 17-¾. DT, Voorhees (OTC) 201-0.

TAC Junior Olympics, Lincoln, Nb., July 31(a)-Aug. 1(b)-2(c)—Women: 16-17 Age Group: 100(c, 1.7), Cliette (Ga HS) 11.71; 2. Thacker (Mo HS) 11.73. 200(c, 0.1), Harris (Wa HS) 23.77; 2. Thacker 23.91; 3. Spearman (Il HS) 24.16; 4. Cliette 24.43. Semis(b): 1(-0.8)—1. Thacker 24.10.

● 400(c), Harris 51.45 AL (7, x a-t US; 8, x a-t WJ; 2, 2 a-t USJ); 2. Underwood (Ma HS) 53.05; 3. Cliette 53.49; 4. Jackson (Wi University) 54.64. Heats(b): 11—1. Underwood 53.61.

800(c), Arnold (La HS) 2:09.92. 1500(c), Hopp (Ct HS) 4:26.39; 2. Arnold 4:30.68. 3000(c), Hopp 9:43.81. 400H(c), Hairston (NC HS) 61.20; 2. Crowther (Il HS) 61.31. HJ(b), Lind (Nb HS) 5-8. DT(a), Johnson (Az HS) 163-2; 2. Norton (Ca HS) 158-2.

14-15 Age Group: 100(c, 2.2), Rodgers (Ca HS) 11.70. 200(c, -1.0), Rodgers 23.88.

3000(c), Erickson (Nb HS) 9:54.04.

JESSE OWENS/ARCO Age Group Championships, Westwood, Ca., Aug. 1—100(0.9), ● J. Sanford (SCA) 10.08; 2. Lewis (Hous) 10.25; 3. R. Brown (Az St) 10.33; 4. Evans (Az St) 10.40; 5. Glance (AA) 10.45; 6. M. Sanford (USC) 10.50; 7. G. Foster (Shak) 10.52; 8. Abrahams (NBTC-Pan) 10.84; 9. Jackson (Ca HS) nt.

## • U.S. AMENDMENTS •

JACK IN THE BOX Indoor Games, San Diego, Ca., Feb. 17, 1977—500y, Frazier (Az St) 55.3; 2. King (Macc) 55.5 (not Parks; =7, x a-t W, US then; =8, x now).

AC, Westfield, NJ, May 2 (not July 2)—DT, Swarts 213-6; 2. Oerter 209-7. SMU Invitational, Dallas, Tx., May 2—HT, Olsen (SMU-Nor) 240-10 (240-10, f, 236-6, 240-2, 240-3, 240-7).

HS STATE, Baton Rouge, La., May 15—PV, Duplantis 17-¾.

METRO Conference, Tallahassee, Fl., May 15 (St, 10,000, LJ, SP, HT; Dec 5/15-16). All other events 5/16.

SEC, Gainesville, Fl., May 15(a)-16(b)—100 heats(a): 1(-2.4)—1. Phillips (Tn) 10.20; 2. Lattany (Ga) 10.24. 11(-2.5)—1. L. Thomas (Ms St) 10.41. 200 heats(a): 1(-)—1. Lattany 20.59. 11(-)—1. Phillips 20.79. 10,000(a), 4. Bedford (Tn) 29:49.6; 5. Tolson (Tn) 30:12.2; 6. Bensema (Ky) 30:18.9. 110H heats(a): 1(-4.9)—1. Miller (Aub) 13.92; 2. Gault (Tn) 13.97; 3. Richard (Ga) 14.05. 11(-4.5)—1. McDaniel (LSU) 13.94. Wind for final 0.2.

400H heats(a): 1—1. Gray 50.86. 4x440(b), 4. Mississippi 3:11.83. LJ(a), Grimes (Tn) 25-11¾w (25-6); 3. Holmes (FI) 25-9¾w (25-6¾); 5. Phillips 25-0w (24-4¾). TJ(b), 3. Marvin (LSU) 50-9w; 4. Siler (Tn) 50-7¾w; 6. Millsap (Ms St) 50-1¾w. SP(a), 2. Newell (Tn) 59-8¾.

CCAA, Bakersfield, Ca., May 15(a)-16(b)—100(b, 1.6), Kent (SLO) 10.37; 2. Siai Siai (SLO-Nig) 10.51. Heats(a): 1(4.3)—1. Kent 10.2. 11(3.6)—1. Siai Siai 10.1. 200(b, 4.2), Kent 20.90. 110H(b, 0.6), Frazier 14.04.

PRINCETON Invitational, Princeton, NJ, May 16—LJ(ok), Lawrence 25-11. TJ(ok), Alston 52-8¾.

HS STATE, Charleston, Il., May 16—Women: 4x200, Bloom Trail 1:39.8.

MARYLAND Classic, College Park, Md., May 17—200, Crain (LIA) 20.8; . . . dnc—Nehemiah (AA). Heats: Nehemiah 20.9.

PACIFIC COAST Invitational, Berkeley, Ca., May 17—200(0.7), Batiste 24.10. 800, 3. R. Clark 2:09.06. 100H(0.9), Miller 13.97; 2. Marks 14.02. DT, 5. Cady 165-7. JT, 4. Harmon 162-3; 6. Carr (Wa) 145-0. Hept(5/16-17), Crowther (Or St) 5153 auto; 2. Limbaugh (Ut St) 5005 auto.

BIG SKY Conference, Moscow, Id., May 18-19—100(w), Gray 10.58. 200(w), Gray 21.06. 5000, Gordon 14:26.86; 2. May 14:31.39. 110H(w), Zakoscielny 14.23. TJ, F. Dodoo 53-6¾w; 2. Crichlow 52-¾w (50-10¾).

TOM BLACK Classic, Knoxville, Tn., May 22-23—LJ, Myricks 27-2¾ (27-2¾, f, f, f, f, f); 2. Holmes (FI) 25-10¾w (25-2¾). TJ, 7. Hatfield (Oh) 51-7¾.

AC, Long Beach, Ca., May 23—DT, 4. Mc-

Goldrick (Stars) 208-3.

HOUSTON Decathlon, Houston, Tx., May 24-25—Alexander (NYAC) 7770h [7674†]; 2. Howell (PPC) 7702h [7608†]; ... 5. Collins (Hous) 4870h (248-7 JT).

Mt. SAC Open, Walnut, Ca., May 26—PV, Bockmiller (Ag RC) 17-2½; 2. Woepse (SSTC) 17-2½; 3. Black (Ag TC) 17-¼; 4. Miller (Cerr CC) 17-¼; 5. Thiiken (UCLA) 17-¼.

CENTRAL COLLEGIATES, East Lansing, Mi., May 29-30—400H heats(5/29): 1-1. Williams (Mi St) 51.14. Dec(5/29-30), Bishop (Wn Mi) 7251h (7166†).

JUMBO ELLIOTT Memorial, Villanova, Pa., May 30—800, 5. Masterson (SMT) 1:46.98. ATHLETIC ATTIC Invitational, Tallahassee, Fl., May 30—LJ, Myricks 27-6¾ (27-6¾, f,

26-11¾, 26-6½, 27-2, 27-¾).

NCAA, Baton Rouge, La., June 2-6—200 semis(6/6): III(2.3)—1. Quow (Rut) 20.63; 2. Butler (Ok St) 20.64; 3. Lattany (Ga) 20.66; 4. White (Ms V) 21.02; 5. Coley (LSU) 21.05; 6. Thomas (Ok St) 21.20; 7. Gambrell (M Tn) 21.22; ... dns—Taylor (Fl St). 800, Koskei 1:46.41 (25.3, 28.4[53.7], 26.7[1:20.4], 26.1; 2:57.2)—41.2/2:54.2, 1:54.8, 55.5; 5. Aragon 3:38.40 (1:58.0, 58.5[2:56.5])—41.9/2:54.7, 1:55.6, 56.6).

PREFONTAINE Classic, Eugene, Or., June 6—800, 4. Theriot (SSTC) 1:45.79. HT, 3. McArdle (OTC) 219-7.

NEW ENGLAND TAC, Chestnut Hill, Ma., June 11/434m track/Women: 10,000, Catalano (AW) 33:11.4 (16:14.2 5000 en route—PR).

TAC HEPTATHLON, Spokane, Wa., June 26-27—Frederick 6011w (14.01[4.1]); 2. Joyner 5827w (21-2¾[2.5]); 3. Walker 5704w (14.17[3.5]); 4. Harrington 5698 (13.92[3.7]); 20-4[1.7]; ... 7. Greiner 5534w (5-10¼); ... 13. Raugust (Hart CC) 4864; 14. Nickles (OK) 4295w.

TAC Relay Championships, Piscataway, NJ, July 5—4x110H heats: Philadelphia Pioneers 56.9. DT, Oerter (NYAC) 211-9; 2. Swarts (Shore) 206-4.

AC, Los Gatos, Ca., July 9—DT, McGoldrick (Stars) 189-0.

## • WORLD RECORDS •

TROGER 6009 WJR

EAST GERMAN JUNIOR Championships, Halle, July 3-4-5—Women: 100, Bohme 11.47. 800, Vogelgesang 2:03.62; 2. Grabner 2:03.83. 100H, Bohme 13.21. 400H, Kirchner 58.35 NJR.

Hept, Pollak (guest) 6022 (13.65; 2. Troger 6009 WJR (old WJR, 5893 Dietze [EG] '81); 3. Thiele 5800.

Men: 400, Carlowitz 46.58 NJR. 110H, Oschkenat 13.83 NJR. SP, Timmermann 61-8¾.

VOLKOV 19-2 WR

Irkutsk, USSR, Aug. 2—PV, Volkov 19-2 WR (5.84) (old WR, 19-¾ [5.81] Polyakov [SU] '81).

## • WORLD UNIVERSITY GAMES •

Bucharest, Rumania, July 21-26—100(7/22), Lattany (Ga) 10.18; 2. Smith (Al) 10.26. Heats: 1-1. Smith 10.21. III-1. Lattany 10.19.

200(7/25, 0.4), Naumenko (SU) 20.79; 2. Nagy (Hun) 20.83; 3. Kablan (IC-Wa St) 21.03; 4. tie, Muravyov (SU) & Boubacar (Sen) 21.08. Heats(7/23): 1-1. Babaly (Hun) 21.39; ... 3. Phillips (Tn) 22.06. Semis(7/24): 1-1. Kablan 20.91. III-1. Naumenko 20.55.

400(7/25), Wiley (DCI) 45.18; 2. McCoy (Fl St) 45.23; 3. Souza (Bra) 45.91; 4. Reyte (Cub) 46.10; 5. Malinverni (Ita) 46.35; 6. Klar-enbeek (Hol) 46.41. Heats(7/23): 1-1. McCoy 46.32. II-1. Wiley 46.70. III-1. Burakov (SU) 46.76; ... 4. Kamber (Swi-SJ St) 47.32. Semis(7/24): 1-1. McCoy 45.90. II-1. Wiley 46.12.

800(7/26), Hauck (EG) 1:49.12; 2. Moutsanas (Gre) 1:50.20; 3. Troshilo (SU) 1:50.26; 4. White (Cal) 1:50.32; 5. Brahimia (Alg) 1:50.46; 6. Onescu (Rum) 1:50.48. Heats(7/24): III-1. White 1:49.20. IV-1. Serrano (Cub) 1:49.56; 2. Clark (Mo) 1:49.73. Semis(7/25): II-1. Brahimia 1:49.25; 2. White 1:49.28.

1500(7/22), Aouita (Mor) 3:38.43; 2. Brahmia (Alg) 3:39.83; 3. Pokrajcic (Yug) 3:39.85; 4. Spivey (In) 3:40.12; ... 9. Aldridge (Sub 4) 3:41.02.

St(7/24), Gregorek (Gtn) 8:21.26 AL, CL (4, 5 a-t US; 3, x a-t C); 2. Ekblom (Fin) 8:21.93; 3. Scartezini (Ita) 8:28.03; 4. Gerbi (Ita) 8:29.07; 5. Gryaznob (SU) 8:29.61; 6. Danu (SU) 8:29.63. Heats(7/23): 1-1. Ekblom 8:35.16; 2. Gerbi (Ita) 8:35.16; ... 5. Gregorek 8:37.52.

5000(7/26), Padilla (BYU) 13:49.95; 2. Lences (Cze) 13:50.34; 3. Zimmerman (WG) 13:50.84; 4. Selvaggio (Ita) 13:51.72; 5. Uvizl (Cze) 13:54.11; 6. Clarke (GB) 13:54.66; ... 8. Stintzi (Wi) 13:55.81.

10,000(7/22, ran extra lap, no official times given), Turb (SU) 29:42.9; 2. Marko (Rum) 3. Murphy (GB-En Ky); 4. Yurdadon (Tur); 5. Cotton (Va).

Mar(7/26), Kivalchur (SU) 2:22:14; 2. Wills (Fl St) 2:23:22; 3. Buruiana (Rum) 2:24:45; 4. Altun (Tur) 2:27:52; 5. Messina (Ita) 2:29:04; 6. Davydov (SU) 2:30:29.

20k(7/23), Damiliano (Ita) 1:26:47; 2. Mattioli (Ita) 1:28:10; 3. Percaru (Rum) 1:28:56; 4. Ionita (Rum) 1:30:49; 5. Suntsov (SU) 1:32:24; 6. Terekhov (SU) 1:40:09; 7. Sharp (AA) 1:43:41; 8. Timmons (NYAC) 1:53:00.

110H(7/23, 1.0), Cowling (Cal) 13.65; 2. Palffy (Rum) 13.73. 3. Shabanov (SU) 13.82; 4. Campbell (USC) 13.88; 5. Giegeli (Pol) 13.91; 6. Briggare (Fin) 13.94. Heats(7/22): I(1.5)—1. Cowling 13.76. II(0.7)—1. Shabanov 13.86; 2. Campbell 13.88.

400H(7/22), Lee (Sn II) 49.05; 2. Shkarupin (SU) 49.52; 3. Ferreira (Bra) 50.04; 4. Vasilyev (SU) 50.11; 5. Patrick (Tn) 50.40.

4 x 100(7/26), United States 38.70 (Lattany, Ketchum, Grimes, Smith); 2. Soviet union 38.94; 3. France 39.50; 4. Cuba 39.58; 5. Rumania 40.09; 6. Italy 40.14. Heats(7/25): II-1. United State 38.95.

4 x 400(7/26), Soviet Union 3:02.75 (Zolotaryev, Fyedorov, Burakov, Markin); 2. United State 3:03.01 (Lee, Ketchum, Patrick, McCoy); 3. Brazil 3:06.79; 4. Cuba 3:08.54; 5. West Germany 3:09.95; 6. Rumania 3:10.30. Heats(7/25): II-1. United States 3:08.90.

HJ(7/22), Williams (Navy) 7-4½; 2. Zhu (Chn) 7-4¾; 3. Nagel (WG) 7-5½; 4. Temin (Yug) 7-3¾; 5. Hrabal (Cze) 7-3¾; 6. Demyan-yuk (SU) 7-1¾.

PV(7/23), Volkov (SU) 18-10¼ (5, =6 a-t W); 2. Polyakov (SU) 18-8¾; 3. Houvin (Fra) 18-6¾; 4. Vigneron (Fra) 18-4¾; 5. Winkler (WG) 17-8¾; 6. Paskalev (Bul) 17-8¾; 7. Pursley (ACU) 17-4¾.

LJ(7/24), Szalma (Hun) 27-0w; 2. Lui (Chn) 26-7¾; 3. Duany (Cub) 26-7; 4. Sabonis (SU) 26-4¾; 5. Anikin (SU) 26-3; 6. Lina (Rum) 26-2¾; ... 10. Holmes (AA) 25-4. Qual(7/23): Liu 25-7½, ... Holmes 24-10.

TJ(7/22), Zou (Chn) 56-10 NR, AsR (6, x a-t W); 2. Bakosi (Hun) 55-8¾; 3. Connor (GB-SMU) 55-4¾; 4. Beskrovniy (SU) 55-4¾; 5. Ghorjara (Rum) 54-3¾; 6. Cannon (AA) 54-3¾; ... dnc—Banks (AW) (inj). Qual(7/21): Banks 53-9 (leading jump).

SP(7/21), Carter (SMU) 66-3; 2. MOrtag (EG) 63-5¾; 3. Valcek (Cae) 63-0; 4. Mikhaylov (SU) 62-9¾; 6. Lehmann (II) 61-10¼; 6. Sintonini (Ita) 60-10.

DT(7/23), Lemme (EG) 216-2; 2. Warne-munde (EG) 208-5; 3. Zamfirache (Rum) 208-0; 4. Kovtsun (SU) 203-2; 5. Kolnootchenko (SU) 202-0; 6. Danneberg (WG) 189-0.

HT(7/25), Ploghaus (KTC) 255-1; 2. Tamm (SU) 251-1; 3. Nikulin (SU) 246-10; 4. Huning

(WG) 244-3; 5. Bindar (Rum) 242-6; 6. Woder-ski (Pol) 234-2. Qual (7/24): Huning 236-9, Tamm 233-7, Nikulin 231-6, ... Ploghaus 219-10, ... Mileham (GB-Fres St) 217-4, ... Weir (GB-SMU) 208-8.

JT(7/26), Kula (SU) 293-8; 2. Weis (WG) 288-1; 3. Puuste (SU) 286-2; 4. Schreiber (WG) 271-0; 5. Gambke (WG) 267-2; 6. Patterson (Cub) 267-2. Qual(7/24): Puuste 268-0 (81.70), Kula 268-0 (81.68), Schreiber 262-3.

Dec(7/23-24), Shablenko (SU) 8055; 2. Zhelanov (SU) 8013; 3. Werthner (Aut) 7825; 4. Kubiszewski (Pol) 7799; 5. Steen (Can) 7784; 6. Sarec (Cze) 7717.

Women: 100(7/22), Goddard (GB) 11.35; 2. Zolotaryeva (SU) 11.51; 3. Nosnova (SU) 11.54; 4. Glover (NJ HS) 11.55; 5. Washington (TxHS) 11.68.

200(7/5, 1.0), Smallwood (GB) 22.78; 2. Masullo (Ita) 23.36; 3. Mazarova (SU) 23.45; 4. Mathieu (Per) 23.59; 5. Ferrer (Cub) 23.83; 6. Korotkova (SU) 23.98.

400(7/23), Baskakova (SU) 51.45; 2. Lya-nina (SU) 51.56; 3. Malbranque (Fra) 52.52; 4. Forgas (Hun) 52.61; 5. Walton (Tn) 52.97; 6. Miranda (SU) 53.19.

800(7/26), Melinte (Rum) 1:57.81; 2. Dorio (Ita) 1:58.99; 3. Morutan (Rum) 1:59.30; 4. Ruchayeva (SU) 1:59.31; 5. Warren (Or) 1:59.92 (x, 3 a-t C); 6. Ashikhmina (SU) 2:01.44; 7. Campbell (STC) 2:01.44. Heats(7/25): II-1. Dorio 1:59.16; 2. Warren 1:59.63

CR (old CR 1:59.91 Knudson [Co St] '76; 3, 7 a-t US), III-1. Campbell 2:01.86.

1500(7/22), Dorio (Ita) 4:05.35; 2. Melinte (Rum) 4:05.74; 3. Dvirna (SU) 4:06.39; 4. Angletoyanova (SU) 4:07.03; ... 10. Keyes (AW) 4:15.69; 11. Goen (UCLA) 4:16.03.

3000(7/26), Pergar (Yug) 8:53.78; 2. Ilin-ykh (SU) 8:54.23; 3. Radu (Rum) 8:58.58; 4. Smeeth (GB) 8:59.13; 5. Hansen Joan (Az) 9:08.22; 6. Kalleja (Spa) 9:14.71.

100H(7/23, 0.7), Hightower (LAN) 13.03; 2. Kremenchezhki (SU) 13.13; 3. E. Rabsztyn (Pol) 13.31; 4. Petrova (SU) 13.33; 5. Chardon-net (Fra) 13.46; 6. Fitzgerald (KTC) 13.47.

Heats(7/22): 1-1. Petrova 13.22. II-1. Kremen-chezhki 12.97; 2. Elloy (Fra) 13.19; 3. Fitzger-ald 13.20. III-1. Hightower 13.29.

400H(7/25), Kastetskaya (SU) 55.2; 2. Sonntag (WG) 55.90; 3. Zubova (SU) 57.07; 4. Michel (Bel) 57.57; 5. Wray (GB) 57.62; 6. Clrulli (Ita) 57.77; ... 8. Etienne (Tx) 58.90.

4 x 100(7/26), United States 43.66 (Glover, Lewis, Washington, Fitzgerald); 2. Great Britain 43.86; 3. Italy 44.3; 4. Rumania 45.56; .. dq-Soviet Union.

4 x 400(7/26), Soviet Union 3:26.25 (Kastetskaya, Baskakova, Lyalina, Nazarova); 2. United States 3:29.50 (Bolton, Warren, Campbell, Walton); 3. Rumania 3:30.47; 4. France 3:33.49; 5. West Germany 3:43.90; 6. Lebanon 4:09.93.

HJ(7/26), Simeoni (Ita) 6-5; 2. Andonova (Bul) 6-4 3/4; 3. Bykova (SU) 6-4 1/4; 4. Popkova (SU) 6-3 3/4; 5. Cheng (Chn) 6-2; 6. Bulfoni (Ita) 6-2; ... 8. tie, Matay (Hun) & Helm (WG)

6-2; ... 11. Gibson (Brook) 5-10 1/4.

LJ(7/25), Kolpakova (SU) 22-5; 2. Cusmir (Rum) 22-2 1/2; 3. Ionescu (Rum) 21-8 1/4; 4. Echevarria (Cub) 21-7; 5. Hearnshaw (GB) 21-5; 6. Palenko (SU) 21-3 1/4. Qual(7/24): Vanyek 21-7 1/4, ... Kolpakova 20-8 1/2, Cusmir 20-7 1/4, ... Lewis (NJ HS) 20-2 1/4.

SP(7/25), Knorsheidt (WG) 66-5; 2. Muller (WG) 64-6; 3. Savina (SU) 60-8 1/4; 4. Boros (Rum) 56-5 1/2; 5. Shen (Chn) 56-4; 6. Mihalcea (Rum) 52-4 1/4; 7. Davis (St John's) 48-9 1/4; ... 9. Burke (NEn) 42-8 1/4.

DT(7/24), Craciunescu (Rum) 221-5; 2. Sziaugd (WG) 210-5; 3. Ionescu (Rum) 202-11; 4.

Rekeschat (WG) 199-10; 5. Khristova (Bul) 198-7; 6. Lisivaya (SU) 197-5.

JT(7/23), Feikf (WG) 214-2; 2. Smith (SLO) 211-4; 3. Vila (Cub) 209-7; 4. Thyssen (WG) 204-8; 5. Potreck (WG) 203-0; 6. Tang (Chn) 202-0; ... 9. Blodniece (SU) 187-4.

Hept(7/22-23), Guzowska (Pol) 6198 (13.93, 47-8 1/2, 6- 3/4, 24.97, 20-10 1/4, 127-0, 2:19.20); 2. Vinogradova (SU) 6133 (14.58, 45-2 1/2, 5-8, 23.90, 20-5 1/4, 119-4, 2:10.0); 3. Tifrea (Rum) 6033 (14.07, 41-4 1/4, 5-8, 24.89, 20-7 1/4, 132-7, 2:14.73); 4. Livermore (GB) 5938; 6. Rukavishnikova (SU) 5938; 7. Ross-Giffen (Can) 5870.

## • THE EUROPEAN CIRCUIT •

### EUROPEAN CUP SEMIS-MULTI-EVENTS

All competitions held July 11-12:

Zug, Switz.—Dec, U. Freimuth (EG) 8173 (11.01, 24-5 1/4, 46-11, 6-9 1/4, 49.92, 14.85, 141-9, 15-9, 218-4, 4:38.90); 2. Stark (EG) 8132 (11.30, 23-6 1/4, 48-6 1/4, 6-6, 49.83, 15.06, 143-7, 16-4 1/4, 218-10, 4:25.70); 3. Niklaus (Swi) 8118 NR (10.69, 23-10 1/4, 47-8 1/4, 6-4 1/4, 47.94, 14.55, 144-6, 14-5 1/4, 217-10, 4:48.00); 4. Schaperkotter (EG) 8012; 5. Grummt (EG) 7926; 6. Ruefenacht (Swi) 7853.

Teams: 1. East Germany 24,317; 2. Switzerland 23,550; 3. Hungary 22,557; 4. France 22,538; 5. Austria 21,966; 6. Eire 20,195.

Women: Hept, Neubert (EG) 6551 (x, 3 a-t W) (13.64, 48- 1/2, 5-11 1/4, 24.00, 22-1 1/2, 136-8, 2:09.70) (4821 pent); 2. Vater (EG) 6089; 3. Vanyek (Hun) 6010 (21-6 1/4); 4. Weser (EG) 6005; 5. Picaut (Fra) 5767 NR; 6. Pollak (EG) 5736.

Teams: 1. East Germany 18,645; 2. Hungary 17,365; 3. France 16,562; 4. Switzerland 15,803.

Malmö, Sweden—Dec, Andonov (Bul) 8099 (11.46, 23-5 1/2, 50-11 1/2, 6-9 1/4, 50.07, 14.64, 163-1, 14-5 1/4, 192-8, 4:27.70); 2. Gruzenkin (SU) 8062; 3. Popzov (SU) 7979; 4. Akhapkin (SU) 7956; 5. Kaukis (SU) 7816; 6. Lahti (Fin) 7710; ... 10. Olsen (Nor-MSM) 7534.

Teams: 1. USSR 23,997; 2. Bulgaria 23,144; 3. Finland 22,726; 4. Sweden 22,079; 5. Italy 21,686; 6. Norway 21,264; 7. Denmark 20,922.

Women: Hept, Vinogradova (SU) 6055 (14.45, 44-6, 5-8 1/4, 23.81, 20-5, 104-9, 2:11.35); 2. Rukavishnikova (SU) 5990; 3. Korotayeva (SU) 5928; 4. Shulzhenko (SU) 5891; 5. K. Tannander (Swe) 5781 NR; 6. Nenova (Bul) 5768.

Teams: 1. USSR 17,973; 2. Bulgaria 16,842; 3. Denmark 16,043; 4. Sweden 15,889; 5. Norway 15,598; 6. Italy 15,068; 7. Finland 14,821.

Brussels, Belgium—Dec, Ludwig (Pol) 8222 NR (10.92, 25- 3/4, 49-5, 6-9 1/2, 50.11, 15.11, 153-5, 14-9, 193-2, 4:26.90); 2. Wentz (WG) 8085; 3. A. Rizzi (WG) 8016; 4. Brumund (WG) 7903; 5. Baginski (Pol) 7701; 6. Szczerkowski (Pol) 7678.

Teams: 1. West Germany 24,004; 2. Poland 23,601; 3. Belgium 22,717; 4. Great Britain 21,870; 5. Holland 21,201; 6. Spain 19,410.

Women: Hept, Everts (WG) 6350 NR (2, 4 a-t W) (13.53, 41-9 1/4, 6-1 1/4, 23.65, 21-7, 102-11, 2:08.33) (4756 pent); 2. Sanderson (GB) 6110 NR, BCR (13.72, 41-11 1/4, 5-4 1/4, 24.89, 19-7, 212-1, 2:26.20); 3. Sulek (WG) 6000; 4. Krolkiewicz (WG) 5890; 5. Warren (GB) 5863; 6. Hidding (Hol) 5840.

Teams: 1. West Germany 18,240; 2. Great Britain 17,511; 3. Holland 17,415; 4. Spain 15,278; 5. Belgium 15,115.

Qualifiers for European Cup final (Birmingham, England, Aug. 29-30)—Decathlon: East Germany, West Germany, USSR, Poland, Switzerland, Bulgaria. Heptathlon: East Germany, West Germany, USSR, Great Britain, Hungary, Bulgaria.

### WEST GERMAN CHAMPIONSHIPS

Hannover, July 17(a)-18(b)-19(c)—  
100(b, 1.7), Haas 10.31.  
200(c, 3.2), Skamrahl 20.25; 2. Weisen-  
seel 20.70; 2. Haas 20.72.  
400(b), Weber 46.28.  
800(c), Wulbeck 1:49.18.  
1500(b), Wessinghage 3:39.10; 2. Hudak  
3:39.53.

Steeple(b), Ilg 8:32.24.  
5000(c), Fleschen 13:40.65.  
20kWalk(b), Schwarz 1:29:29.  
110H(c, 4.7), Donges 13.56; 2. Scholz  
13.72; ... 7. Kratschmer 14.32.  
400H(b), Schmid 48.64.  
4 x 100(b), Salamander Kornwestheim  
39.70 (Klein, Gebhard, Sattler, Kofler).

4 x 400(c), LG Leverkusen I 3:06.80  
(Trappe, Hofmeister, Rabstein, Herrmann).  
HJ(b), Mogenburg 7-6 1/2; 2. Thranhardt  
7-5 1/2; 3. Nagel 7-4 1/4.  
PV(b), Schmidt 17-10 1/2; 2. Lohre 17-8 1/2.  
LJ(c), Busse 26-7 1/2; 2. Klocke 26-5; ...  
10. Kratschmer 24-2 1/4.

TJ(b), Bouschen 54-2 1/4 w.  
SP(c), Reichenbach 64-8.  
DT(b), Wagner 207-4.  
HT(c), Riehm 258-3 (257-3, 254-1, 252-7,  
258-3, 256-7, 249-1); 2. Ploghaus 248-3; 3. Hun-  
ing 244-0. Qual(b): Ploghaus 248-5, Riehm  
247-4.

JT(c), Schreiber 284-10; 2. Gambke  
272-6; 2. Tafelmeier 258-3.

Women: 100(b, 2.5), Hirsch 11.33.  
Semis(a): 1(3.2)—1. Hirsch 11.28.  
200(c, 1.4), Steger 22.95; 2. Hirsch 23.01.  
400(b), Finger 52.32.  
800(b), Klinger 2:01.69.  
1500(c), Kraus 4:10.54.  
100H(c, 3.4), Kempin 12.96; 2. Baum  
13.08. Semis(b): 1(0.4)—1. Kempin 13.19.  
400H(c), Nagel 58.78; ... 3. Hollmann  
59.16.

4 x 100(b), LG Bayer Leverkusen 44.48  
(Weigt, Steger, Kempin, Sussiek).  
4 x 400(c), LG Bayer Leverkusen 3:34.59  
(Steger, Vocking, Kleinbrahm, Decker).  
HJ(c), Meyfarth 6-3 1/4; 2. Holzappel 6- 1/2.  
LJ(b), Sussiek 22-4 1/4 w (21-2, 20-8 1/4,  
21-9 1/4, 22-4 1/4 w, 22-3 1/4 w, 21-5); 2. Hanel 21-11 1/2;  
3. Weigt 21-6 1/4 w (21-3 1/4); 4. Everts 21-2.  
SP(c), Wilms 54-6 1/4.  
DT(b), Manecke 194-2.  
JT(b), Thyssen 199-2.

### NIJMEGEN INTERNATIONAL

Nijmegen, Holland, July 19—100, Gault  
(Tn) 10.29.

800, Walker (NZ-AA) 1:46.64; 2. Martin  
(AW) 1:47.10; 3. Masterson (SMTc) 1:47.16;  
4. Kormeling (Hol) 1:47.46; 5. Masback (NY-  
PC) 1:48.05; 6. Lech (AW) 1:49.12.

1500, Boit (Ken-SCS) 3:36.69; 2. Smith  
(AW) 3:42.57.  
3000, McChesney (SMTc) 7:48.94 PR; 2.

Clary (AW) 7:52.74; 3. Lambrechts (Hol)  
7:59.65; 4. Dillon (AW) 8:00.47; 5. Harris (AW)  
8:02.99.

5000, Melancon (AW) 13:49.39.  
400H, B. Williams (SSTC) 49.79; 2. King  
(Macc) 49.92; 3. Schulting (Hol) 50.78.  
St. Melzer (EG) 8:28.5; 2. Koeleman (Hol-  
Clem) 8:33.9; 3. Fell (GB-S Di) 8:35.3.

HJ, Austel (EG) 7-1 1/4.  
PV, Desruelles (Bel) 17-4 1/4.  
DT, Willikiy (Az St) 194-11.  
Women: 200, Vader (Hol) 23.07.  
800, I—1. Commandeur (Hol) 2:06.71; ... 3.  
Twomey (AW) 2:08.19; 4. Keyes (AW) 2:08.59.  
II—1. Langoijelten (Nor) 2:05.47; ... 3. Ballen-  
ger (AW) 2:05.61.

3000, Joan Hansen (Az) 9:11.69; 2. Beurs-  
kens (Hol) 9:16.98; 3. Webb (AW) 9:25.26.

### ZNAMENSKIY MEMORIAL

Leningrad, USSR, July 24(a)-25(b)-26  
(c)—200(c), Stasevich (SU) 21.29.  
400(c), Roshchin (SU) 45.87.  
800(c), Kirov 1:45.11 NR; 2. Tarasov  
1:46.49; 3. Litvinov 1:46.82.  
1500(c), Aidet (Alg) 3:36.89; 2. Abramov  
(SU) 3:37.69; 3. Tishchenko (SU) 3:37.80.  
5000(a), Fisherman (SU) 13:39.1.  
10,000(b), Salazar (Col) 28:49.68; 2. Sellik  
(SU) 28:50.81.

110H(a), Prokofyev (SU) 13.48.  
400H(b), Arkhipyenko (SU) 49.79.  
HJ(b), Grigoryev (SU) 7-4 1/4; 2. Shevchenko  
(SU) 7-4 1/4.

PV(b), Krupskiy (SU) 18-8 1/4; 2. Kulibaba  
(SU) 18-8 1/4; 3. Tarev (Bul) 18- 1/2.

LJ(a), Tsepelev (SU) 25-9 1/4.  
TJ(c), Uudmae (SU) 55-11; 2. Lisichenok  
(SU) 55-1 1/4; 3. Grishchenkov (SU) 54-8 1/4.

SP(a), Mironov (SU) 69-3 1/4.  
DT(a), Naghi (Rum) 210-4.

HT(c), Syedikh (SU) 261-5; 2. Litvinov  
251-3; 3. Bunyeyev (SU) 248-7.

JT(b), Yershov 282-4; 2. Makarov (SU)  
277-3.

Women: 100(a), Siemon (EG) 11.58.  
200(c), Siemon 22.71.

400(b), Bochina (SU) 51.47; 2. Goyshchik  
(SU) 51.80.

800(b), Veselkova (SU) 1:56.98 (WL); 2.  
Zaitseva (SU) 1:58.00; 3. Monakhova (SU)  
1:58.22.

1500(c), Sorokina (SU) 3:58.89 (WL); 2.  
Pozdnyakova (SU) 3:59.84; 3. Yuchina (SU)  
4:00.26.

100H(b), Bisarova (SU) 13.19.  
LJ(b), Skachko (SU) 22- 1/2.

SP(a), Krachevskaya (SU) 64-2.  
DT(b), Savinkova (SU) 225-1; 2. Kharchenko  
(SU) 215-8; 3. Meszynski (EG) 211-4.

JT(c), G. Isayeva (SU) 196-9.

### BUDAPEST INTERNATIONAL

Budapest, Hun., July 29—100, Lattany  
(Ga) 10.07; 2. Floyd (HAC) 10.12.  
200, Floyd 20.41; 2. Wells (GB) 20.57; 3.

Nagy (Hun) 20.75.  
 400, Cameron (Jam-UTEP) 45.41; 2. McCoy (FI St) 45.66; 3. Darden (PPC) 45.66.  
 800, Cook (GB) 1:45.42; 2. Boit (Ken-SCS) 1:45.89; 3. Schmid (WG) 1:46.57.  
 1500, Ovett (GB) 3:31.57 (x, 2 a-t W); 2. Khalifa (Sud) 3:34.87; 3. Walker (NZ-AA) 3:35.20.  
 110H, 1-1. Campbell (USC) 13.68; 2. Ivan (Cze) 13.68. II-1. Nehemiah (AA) 13.39; 2. Ivan 13.60; 3. Campbell 13.71. (Nehemiah arrived 30 minutes after 1st race; meet organizers invalidated 1st results and staged 2nd race).  
 400H, Lee (Sn II) 49.72; 2. King (Macc) 49.84.  
 HJ, Nagel (WG) 7-4½; 2. Peacock (Mod JC) 7-4½.  
 LJ, Szalma (Hun) 25-8.  
 TJ, Marlow (SSTC) 54-10¼; 2. Cannon (AA) 54-4½; 3. Uudmae (SU) 54-3½; 4. Bakosi (Hun) 53-6¼.  
 DT, Schmidt (EG) 221-3; 2. Bugar (Cze) 214-4; 3. Powell (AA) 211-9; 4. Hjeltnes (Nor-SCS) 206-0.  
 JT, Tafelmeier (WG) 296-5; 2. Paragi (Hun) 293-1; 3. Utraiainen (Fin) 279-9.

Women: 100, Kratochvilova (Cze) 11.19. 200, Kratochvilova 22.27.

400, Zaprianova (Bul) 52.41.  
 800, Lovin (Rum) 1:59.73; 2. Januchta (Pol) 1:59.14.  
 1500, Dvirna (SU) 3:57.98 (WL); 2. Puica (Rum) 3:58.29; 3. Bukis (Pol) 3:59.67.  
 100H, Langer (Pol) 13.15; 2. Chardonnet (Fra) 13.22; 3. Monclar (Fra) 13.23; 4. E. Rabstyn (Pol) 13.24.  
 HJ, Bela (Hun) 6-2; 2. Ritter (PCC) 6-2.  
 LJ, Cusmir (Rum) 21-8¼.

#### FORMIA INTERNATIONAL

Formia, Italy, July 29-3000, Fontanella (Ita) 7:54.75; 2. K. Rono (Ken) 7:55.43.  
 200LH, Moses (UI) 23.12 (auto-timed "WR"); 2. Williams (SSTC) 23.34; 3. Milburn (HAC) 23.84.  
 2MWalk, M. Damilano (Ita) 11:59.56 WB.  
 HJ, Goode (Alam JC) 7-4½; 2. Di Giorgio (Ita) 7-3.  
 PV, Leveur (Fra) 18-½; 2. Tracanelli (Fra) 17-4½.  
 Women: 1000, Possamai (Ita) 2:43.87.  
 HJ, Simeoni (Ita) 6-3½.

#### TALBOT GAMES

London, Eng., July 31-100, Lattany

(Ga) 10.06; 2. Floyd (HAC) 10.25; 3. Obeng (Gha) 10.33.  
 200, Wells (GB) 21.00; 2. F. Taylor (PPC) 21.24; 3. Gault (Tn) 21.44.  
 300, Fowell (GB) 33.29; 2. Bell (GB) 33.43; 3. Lee (Sn II) 33.54.  
 400, McCoy (FI St) 46.6; 2. Cameron (Jam-UTEP) 46.6; 3. Jenkins (GB) 46.7.  
 800, Coe (GB) 1:46.72; 2. Cook (GB) 1:47.09; 3. Enyeart (PCC) 1:48.17.  
 1000, Ovett (GB) 2:20.75; 2. Cram (GB) 2:20.98; 3. Grippo (Ita) 2:21.68.  
 1500, Coghlan (Eir) 3:38.20; 2. Walker (NZ-AA) 3:38.77; 3. Robson (GB) 3:39.41.  
 St. Martin (AW) 8:34.30; 2. Jensen (OTC) 8:34.95; 3. Fell (GB-S Di) 8:36.21.  
 HJ, Williams (Navy) 7-½; 2. Page (SCS) 7-½.  
 TJ, Cannon (AA) 52-10; 2. Moore (GB) 52-8¾; 3. Connor (GB-SMU) 52-8¾.  
 DT, Powell (AA) 218-7; 2. Burns (Stars) 207-10; 3. Oerter (NYAC) 204-9.  
 Women: 100, Smallwood (GB) 11.4.  
 400, Hoyte-Smith (GB) 51.43.  
 800, Manning (ORTC) 2:00.7.  
 1500, Boxer (GB) 4:10.97; 2. Fudge (GB) 4:11.23; 3. Waitz (Nor) 4:12.22.

### • FOREIGN RESULTS •

#### AUSTRIA

SCHWECHAT, June 6-100(1.1), Woronin (Pol) 10.43. PV, Kozakiewicz (Pol) 18-½.

#### BULGARIA

SOFIA, June 7-Women: JT, Todorova (218-4 WJR [old WJR, 217-10 Todorova '80], 228-6 WJR, 216-4, 210-5, 201-7, f).  
 SOFIA, July 18-19-PV, Yanchev 18-4¾ NR (missed 19-1). LJ, Chochev 26-10¼ NR.

#### CZECHOSLOVAKIA

ROSCIKY MEMORIAL, Prague, June 19-IAAF/Citizen Golden 10,000, 19, Tadesse (Eth) 28:47.18.

HUNGARY 108-CZECHOSLOVAKIA 104, Prague, June 23(a)-24(b)-100(a, 3.1), Nagy (H) 10.38. HJ(b), Vondra (C) 7-4½; 2. Hrabal (C) 7-4½. LJ(a), Szalma (H) 25-11¼w (25-8); 2. Leitner (C) 25-11¼. TJ(b), Bakosi (H) 56-5¼w (53-8½). DT(b), Bugar (C) 218-11; 2. Valent (C) 212-2. JT(a), Nemeth (H) 277-8; 2. Paragi (H) 257-8.

Women(Czechoslovakia 85-Hungary 72): 100(a, 2.3), Kratochvilova (C) 11.09. 200(b, 2.7), Kratochvilova 22.56. 4 x 100, Czechoslovakia 44.12 NR (Drinkova, Soborova, Siroka, Kratochvilova). SP(b), Fibingerova (C) 67-9; 2. Bartonova (C) 62-10¼. 4 x 400, Czechoslovakia 3:34.82 (Kocembova, Ozorakova, Matejkovicova, Kratochvilova).

#### EAST GERMANY

JENA, June 7-Women: LJ, Ulbricht (21-10¼, 21-11¼, 22-3¼, f, 22-5¼, 22-3¼).  
 POTSDAM, Jun 17-1000, Beyer 2:18.3; 2. Hauck 2:19.2.

POTSDAM, June 11-SP, Beyer 69-4.  
 EAST GERMANY JUNIORS 115-USSR Juniors 108, Cottbus, June 24(a)-25(b)-110H (b, 0.7), Oschkenat (EG) 13.89 NJR. 10,000 Walk(a, track), Kowalsky (EG) 38:54.72 EurJR. 4 x 400(b), East Germany 3:07.37; 2. USSR 3:08.91. SP(a), Horn (EG) 64-9¼.

Women(East Germany 92-USSR 65): 3000 (b), Malychina (SU) 8:56.03 EurJR; 2. Sudak (SU) 8:56.13. 4 x 400(b), East Germany 3:32.94; 2. USSR 3:35.04. JT(a), Kempe (EG) 205-1.

#### FINLAND

LAITILA, June 14-3000, Munyala (Ken-UI) 8:25.6; 2. Maaninka 8:27.1.  
 KERAVALA, June 29-JT, Kennedy (PCC) 272-9.

WORLD GAMES, Helsinki, June 15-16-Mile, Zerkowski (Pol) 3:57.82. St. 3. Munyala 8:33.00.

JYVASKYLA, June 16-JT, Utraiainen 290-10.

SAARIJARVI, June 20-21-1500(a), Laine 3:46.33; 2. Lemashon (Ken-UTEP) 3:46.98. St(b), Toukonen 8:40.03; 2. Munyala 8:43.39. SP(a), Pualetto (Can-KTC) 65-2¼; 2. Stahlberg 62-2. PV(b), Klimczyk (Pol) 17-8½; 2. Kozakiewicz (Pol) 17-¾; 3. tie, Haapakoski & Kalliomaki 17-¾. JT, Sinersaari 300-11; 2. Utraiainen 291-10; 3. Puranen 268-0; 4. Toivonen 267-8; 5. Harkonen 262-9.

KUORTANE, June 19-HT, Tiainen 249-6 NR. JT, Harkonen 265-9.

SOTKAMO, June 20-PV, Haapakoski 17-8½; 2. Kalliomaki 17-¾; 3. Klimczyk 17-¾; ... nh-Kozakiewicz, Slusarski (Pol).

KEURUU, June 19-JT, Manninen 287-4 PR; 2. Puranen 277-3. SP, Stahlberg 65-¾; 2. Tuokko 63-6¼.

KUUSANKOSKI, June 25-TJ, Puosi 54-2¼. JT, Hovinen 288-0; 2. Sinersaari 281-0; 3. Toivonen 275-7.

LAPPEENRANTA, June 30/cold & wet/-1500, Walker (NZ-AA) 3:38.2; 2. Byers (AW) 3:41.0. 5000, Vainio 13:49.4; 2. Shahanga (Tan-UTEP) 13:50.7; 3. H. Rono (Ken-UI) 13:57.3; 4. Maaninka 14:12.1.

TJ(w), Banks (AW) 55-8½. HT, Riehm (WG) 249-0; 2. Huhtala 242-4. JT, Utraiainen 279-5.

EUROPEAN CUP Semifinal, Helsinki, July 4-5-800, Coe 1:47.57 (200 splits: 26.5, 28.4, 27.9, 24.8). DT, 6. Weir (GB-SMU) 179-7. SP, Barishnikov 65-8¼.

PAAVO NURMI GAMES, Turku, July 7-800, 3. Martin (AW) 1:47.22; 4. Poehling (PCC) 1:47.61; 5. Lech (AW) 1:48.77. 5000, 5. Shahanga (Tan-UTEP) 13:52.05; ... 14. H. Rono (KenWa St) 15:40.85. SP, Wolf (Prin) 61-1.

SOMERO, July 15-PV, Kalliomaki 18-½; ... 6. Hall (Tx AM) 17-2¼.

AANEKOSKI, July 12-HT, Huhtala 247-9; 2. Tiainen 242-1.

PIHTIPUDAS, July 12-JT, Hovinen

292-5; 2. Utraiainen 280-1; 3. Aho 271-4.

FINLAND-BELGIUM-JAPAN, Kouvola, July 15-16-5000, Vainio (F) 13:28.79; 2. Puttemans (B) 13:41.58. PV, Takahashi (J) 17-4½; 2. tie, Desruelles (B) & Kalliomaki (F) 17-¾.  
 DT, Tuokko (F) 220-2. JT, Sinersaari (F) 294-0; 2. Hovinen (F) 275-9. Teams: Finland 84-Japan 74; Finland 120-Belgium 86.

YLIVIESKA, July 19-HT, Huhtala 251-10 NR; 2. Polvi 245-2; 3. Tiainen 234-10. JT, Sinersaari 299-8; 2. Aho 270-10.

#### FRANCE

EUROPEAN CUP Semifinal, Lille, July 4-5-HT, Steuk (EG) 245-2.

MONTGERON, July 12-HJ, Verzy 7-6½ NR.

NATIONAL CHAMPIONSHIPS, Mulhouse, July 17(a)-18(b)-19(c)-100(b, 1.4), Richard 10.32. 1500(c), A. Gonzalez 3:42.59; 2. F. Gonzalez 3:42.95. St(c), Mahmoud 8:24.75. 10,000(a), Bouster 28:19.96. PV(c), Bellot 18-2½; 2. Vigneron 18-¾; 3. Houvion 18-¾; 4. Tracanelli 17-10¼.

Women: 100(b, 0.1), Bacoul 11.46. 200 (c, -2.1), Bacoul 23.40. 100H(c, -1.3), Chardonnet 13.30; 2. Elloy 13.33; 3. Monclar 13.36. JT(b), Dupont-Glineur 180-8 NR.

SAINT-MAUR, July 29-800, Dupont 1:46.1; 2. Garcia 1:46.9; 3. A. Gonzalez 1:47.0.

#### GREAT BRITAIN

LOUGHBOROUGH, June 18-St, Wedderburn (GB-Mur) 8:37.4. 3000, Moorcroft 7:51.5; 2. Binns 7:52.9. HT, Weir (GB-SMU) 221-1.

BIRMINGHAM, June 26-27-100H(nwi; probably windy), Holtom 13.53. DT, Weir 172-2. HT, Weir 220-2.

LONDON, June 26-27-100, Thompson 10.47. Heats: Thompson 10.32 (nwi). St, Fell (GB-S Di) 8:43.74. 110H, James 14.32; ... 4. Thompson 14.65 (blocks slipped). HT, Mileham (GB-Fres) 222-4.

LONDON, June 6-7-Women: 1500, M. Joyce (GB-S Di) 4:20.1.

EUROPEAN CUP Women's Semifinal, Edinburgh, July 5-200(2.9), Smallwood (GB) 22.57. SP, 4. Ritchie (GB-Az) 52-9¼.

GREAT BRITAIN 191¼-USSR 186¼, Gateshead, July 17(a)-18(b)-Men (USSR 116-

Great Britain 105): St(a), Yepishin (SU) 8:35.94; 2. Coates 8:38.29; 3. Wedderburn 8:41.81. 800(a), Coe 1:47.47. 1500(b), Cram 3:52.41 (last 800 1:49.8, 400 52.9, 200 26.2); 2. Malozyemlin (SU) 3:53.10; 3. Robson 3:54.19.

5000(b), Abramov (SU) 13:55.52 (52.5); 2. Muir 13:56.60; 3. McLeod 13:56.96; 4. Fyedorin (SU) 13:59.49. 10,000(b), Jones 28:13.67. PV(b), tie, Krupskiy (SU) & Kulibaba (SU) 18-2½; 3. Stock 17-¾.

TJ(b), Chernikov (SU) 54-6w (53-5); 2. Beskrovniy (SU) 54-1¼; 3. Connor (GB-SMU) 52-2¼. SP(a), Kovtsun (SU) 61-11¼; 2. Rashchupkin (SU) 59-10¼; . . . 4. Weir (GB-SMU) 41-8. DT(b), Kovtsun 208-11; 2. Rashchupkin 196-8; 3. Weir 193-1. HT(b), Litvinov (SU) 261-2; 2. Girvan 236-10; 3. Weir 225-1. JT(a), Kula (SU) 297-0; 2. Makarov (SU) 280-7.

Women (Great Britain 86¼-USSR 70¼); 200(b, 0.5), Smallwood 22.88; 2. Goddard 22.98. 400H(a), Wray 57.83. 4 x 100(a), Great Britain 44.05 (Hoyte, Smallwood, Goddard, Thomas). 4 x 400(b), Great Britain 3:30.75 (Forsyth, Bridgeman, Elder, Hoyte-Smith).

HJ(b), Popkova (SU) 6-2¾. LJ(a), Freimane (SU) 20-10¼; . . . 3. Manley (GB-Murr) 20-1. DT(a), Ritchie (GB-Az) 215-10 (201-7, 215-10, f, f, 208-11, 205-3); 2. Murashova (SU) 198-7; 3. Lesovaya (SU) 198-1. JT(b), Whitbread 207-3; 2. Leiskalne (SU) 203-7; 3. Blodniece (SU) 200-8.

EDINBURGH, July 11—St, Fell (GB-S Di) 8:45.7. HT, Girvan 223-7; 2. Mileham (GB-Fres) 214-0.

DAIRYGATE INTERNATIONAL, Leicester, July 19—100, E. King (AI TC) 10.5. 300, Jenkins 32.9; 2. Scutt 33.4; . . . 4. Thompson 34.0. 1000, Coe 2:17.6; 2. Cram 2:18.5; 3. Maree (SA-Vill) 2:19.5 (struck in thigh by ricocheting javelin before race).

3000, Moorcroft 8:04.4; . . . 4. McLeod 8:08.6. HJ, Goode (Alam JC) 7-2¼; . . . 4. Woodard (PPC) 6-10¼. JT, Yates 256-10.

Women: 300, Hoyte-Smith 37.2; 2. Scutt 37.2. HJ, Elliott 6-1¼. LJ, Morton 20-9¼.

WOMEN'S NATIONAL CHAMPIONSHIPS, London, July 24(a)-25(b)—100(b, -2.2), Hoyte 11.73; 2. Lannaman 11.77. 200(b, 0.6), Lannaman 23.14; 2. Hoyte-Smith 23.34. 400 (b), Hoyte-Smith 51.70.

800(b), Clarkson 2:03.92; . . . 8. White (GB-Rich) 2:22.34 (lost shoe after 100m, stopped to retie). Heats(a): 1—1. Baker 2:06.8; 2. White 2:07.2. 1500(b), Dainty 4:12.26. Heats(a): 1—1. Marlow 4:24.2; . . . 6. M. Joyce (GB-S Di) 4:27.4.

3000(b), Twomey (AW) 9:05.39; 2. Rowe 9:05.99; 3. R. Joyce (GB-Wa) 9:18.02; . . . 8. Quack (NZ-TWU) 9:27.36. Heats(a): 1—1. Peel (Can) 9:34.2; 2. R. Joyce 9:34.2; . . . 5. Quick 9:34.5. 11—1. Rowe 9:30.9; 2. Twomey 9:31.1.

100H(b), Strong 13.36; 2. Sanderson 13.46 (the 228+ javelinist!). 400H(b), Warden 56.75. HJ(b), Cording 6-2¾. LJ(b), Manley (GB-Murr) 20-7; . . . 13. Sanderson 19-3¾. SP(b), Littlewood 53-4¼; 2. van Heerden (SA-LAN) 50-¾. DT(b), Ritchie (GB-Az) 204-1; 2. van Heerden 171-11. JT(b), Whitbread 189-5.

PHILIPS GATESHEAD GAMES (including England-Scotland-Norway-Hungary), Gateshead, July 26—800, Ovett (E) 1:47.96. Mile, Moorcroft (E) 3:59.53. 3000, Cram (E) 7:47.82; 2. B. Smith (E) 7:49.69.

PV, Stock (E) 18-4¼. LJ, Mitchell (E) 25-1¼; 2. Bakosi (H) 24-3¼; . . . 4. Szalma (H) 23-11¼. TJ, Bakosi 53-8. DT, Hjeltnes (N-SCS)

206-1. JT, Paragi (H) 277-2; 2. Nemeth (H) 270-2. Teams: 1. England 225; 2. Hungary 204; 3. Norway 143; 4. Scotland 91.

#### JAPAN

ASIAN CHAMPIONSHIPS, Tokyo, June 5(a)-6(b)-7(c)—St(a), Shintaku (Jap) 8:29.09. 10,000(b), Seko (Jap) 28:44.98. HJ(b), Zhu (Chn) 7-6¼ NR, AsianR (age 17); 2. Sakamoto (Jap) 7-4¼.

LJ(c), Liu (Chn) 26-5 NR; 2. Usui (Jap) 26-½w (24-11¼). TJ(b), Zhu (Chn) 55-11¼ NR, AsianR; 2. Nakanishi (Jap) 54-6. JT(b), Shen (Chn) 280-2.

Women: HJ(c), Fukumitsu (Jap) 6-4 NR, AsianR; 2. Zheng (Chn) 6-¾. JT(c), Tang (Chn) 202-3. Inv10,000(c), Masuda (Jap) 33:13.22 NR, AsianR; 2. Benoit (AW) 33:29.0; 3. Roe (NZ) 33:32.93; 4. J. Shea (NC St) 33:33.99; 5. Sasaki (Jap) 35:05.63; 6. M. Shea (NC St) 35:18.06.

#### SOVIET UNION

STAVROPOL, June 6-7—HT, Kozlov 252-1; 2. Davyatov 247-10.

TUULA, June 6-7—TJ, Garshin 54-11¼. RIGA CUP, Riga, June 13(a)-14(b)—PV (b), Obizhayev 18-5¼. JT(a), Kula 284-11.

Women: 100H(b), Bisarova 13.17. TALLINN, June 15—HJ, Sereda 7-4¼. PV, Kulibaba 18-¾. LJ, Samarin 26-1½; 2. Tsepelyev 26-1¼; 3. Abbyasov 25-7¼. TJ, Isayev 56-3¼; 2. Chernikov 55-8¼; 3. Uudmae 54-6¼.

Women: HJ, Popkova 6-4. LJ, Vanyushina 21-7¼; 2. Skachko 21-7; 3. Butkiene 21-6¼; 4. Kolpakova 21-5.

TALLINN, June 23—JT, Puuste 281-10; 2. Hovinen (Fin) 274-6; 3. Makarov 270-2.

LENINGRAD, June—SP, Voikin 64-11¼; 2. Mironov 63-8¼; 3. Donskikh 63-3¼; 4. Barishnikov 62-7¼. TJ, Isayev 55-9¼; 2. Roganin 55-3¼.

USSR-EAST GERMANY, Tbilisi, June 26-27—HT, A. M. Schmidt (EG) 100-2. Women: 1500, Zaitseva.

USSR-EAST GERMANY Multi-Events, Kiev, June 27-28—Dec, Kutsyenko 8305 (50-1¼, 6-9¼—score totals with these performances); . . . 3. Dektarev 8124 (11.31, 24-2¼, 48-0, 6-7¼, 49.99, 15-19, 153-11, 15-5, 186-5, 4:14.30); 4. Stark 8117 (11.71, 23-¾, 48-11¼, 6-7¼, 49.99, 15.06, 152-3, 17-¾, 198-11, 4:18.71); 5. Schaperkott 8109 (10.84, 23-7¼, 50-4, 6-6¼, 47.66, 14.82, 156-4, 13-9¼, 166-5, 4:23.99); 6. Grummt 8084; 7. Shablenko 8070.

Hept, A. Gordiyenko 6203 (13.81, 50-1¼, 5-8¼, 24.58, 21-1¼, 107-10, 2:11.97); 5. Vinogradova 6153 (13.93, 45-1¼, 5-8¼, 23.94, 20-¾, 115-7, 2:10.76); 6. Geissler 6084 (21-9¼); 7. Weser (EG) 6053 (6-1¼); 8. Rukavishnikova (SU) 6046; 9. Dietze 5893 WJR (14.49, 42-4¼, 5-9¼, 25.02, 19-9¼, 121-7, 2:16.50).

MOSCOW, July—TJ, Beskrovniy 56-5¼. SP, Mironov 66-2¼.

Women: LJ, Butkiene 22-2¼; 2. Kolpakova 22-1¼.

USSR-U. S., Leningrad, July 10-11—5000, Abramov 13:42.3; 2. Padilla 13:43.4; 3. Clary 13:46.2; 4. Fyedorin 13:48.2. 20kWalk, 3. O'Connor 1:32:40. 110H(2.8) (so no PR for Cowling).

HJ, Demyanyuk 7-7¼. PV, 1-guest., Kulibaba (SU) 18-8¼; 2. Volkov 18-8¼; 3. Polyakov 18-4¼; 4-guest. Krupskiy (SU) 18-4¼; 5. Bell 17-10¼; 6-guest. Pursley (ACU) 17-8¼; 7-guest. Syelivanov (SU) 17-¾; . . . nh—Smith.

LJ, 4. Anikin 25-6¼. TJ, Valyukevich (f, 56-2, 54-6¼, f, 56-4¼, 56-1¼); 2. Banks (55-5¼, 55-4¼, 56-½, 56-1¼, 55-11¼, 55-9¼); 3-guest. Grishchenkov (SU) 55-4¼; 4. Beskrovniy 54-11¼; 5. Marlow.

SP, Carter 69-6 (65-6¼, 66-10¼, 69-6, 65-10¼, f, 67-9¼); . . . 3. Gusev 67-7¼. DT, Powell (207-10, 213-6, 211-3, 211-6, 207-6, 211-5). HT, Syedikh (249-4, 253-3, 252-8, 250-9, f, 249-7); 2. Litvinov (249-4, f, 249-0, f, 252-11, f); 3. McKenzie (266-8, f, 233-5 PR [6.7 a-t US], 231-3, 237-2 AR, f); 4. Bessette 219-3. JT, Makarov 272-8; . . . 3. Kennedy 261-10.

Women: 1500, 3. Keyes 4:15.43. 400H, 4. Etienne 58.52. 4 x 400, USSR (Litvinova, Baskakova, Goyshchik, Nazarova); 2. U. S. (D. Howard 51.2). HJ, 3-guest. Gorobyets (SU) 6-3¼; 4. Poluiko 6-2; 5. Blunston, LJ, Shachko 22-¾; . . . 3. McMillan 21-7¼; 4. Lewis 21-6.

#### SWITZERLAND

SUSANNE MEIER WOMEN'S MEMORIAL, Basel, June 8—3000, Waitz (Nor) 8:44.64; 2. Fudge (GB) 8:59.01.

ZOFINGEN, June 8—400, Kamber (Swi-SJ St) 46.75.

LAUSANNE INTERNATIONAL, July 14—Mile, 1500s: Ovett 3:33.34; Walker 3:35.62; Gonzalez 3:35.68; Deleze 3:36.90. 5000, 4. Austin (Aus) 13:22.98; 5. Cerrada (Spa) 13:23.58; 6. Millonig (Aut) 13:25.96; 7. Salazar 13:28.65; 8. Ryffel (Swi) 13:38.59. HJ, 3. Nagel 7-3¼; 4. Thranhardt (WG) 7-1¼.

BERN, July 25—100, King (AI TC) 10.38. 1500, Boit (Ken-SCS) 3:35.53.

Women: 100, Bacoul (Fra) 11.39. HJ, Ritter (PCC) 6-4¼ =CR (=CR, Ritter '81); 2. Meier 6-2 NR.

#### WEST GERMANY

FRIEDRICHSHAFEN, June 20-21—Dec, Haberle 8012 (7921t).

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

ARNSBERG, July 7—HalfHourDec, Schulze 7243 (7148t) (10.4, 21-5¼, 43-4¼, 6-2¼, 52.3, 14.9, 132-1, 13-4¼, 165-1, 5:01.3) (World Best; old 7104 [7020t] Hingsen [WG¼ '81]).

100, Washington (US Ar) 10.50. 200, Washington 20.78. 1000, Riebe 2:19.90; 2. Wellmann 2:19.88. 2000, Wulbeck 5:04.86; 2. Fleschen 5:05.34; 3. Lederer 5:05.44; 4. Belger 5:05.56; 5. Thoma 5:09.24. HJ, Barrineau (US Ar) 7-1¼.

LAGE, July 10—1000, Hudak 2:21.80; 2. Martin (AW) 2:22.19; . . . 5. Masterson (SM-TC) 2:22.55. 3000, Rosendahl (Nor) 7:53.78; . . . 3. McCullough (SSTC) 7:56.78. HJ, Thranhardt 7-3; 2. Barrineau 7-1¼. LJ, Busse 26-4¼. SP, Reichenbach 62-6¼. JT, Tafelmeier 273-3.

SINDELINGEN, July 11(a)-12(b)—100(b), Washington 10.43. 200(a), Washington 20.91. Pent(b), Haberle 3861 (23-7, 206-3, 22.22, 141-9, 4:22.47); 2. Heinold 3712.

DULMEN, July 15—100, Kratschmer 10.8. 200, Kratschmer 22.0. 1000, Wellmann 2:21.5.

AUGSBURG, July 25—1000, Wulbeck 2:20.8; 2. Ferner 2:21.1; 3. Wessinghage 2:21.2.

### • 1981 US ATFS ANNUAL •

US all-time and 1980 lists; men (50 deep) and women (25 deep)  
Compiled by ATFS members Scott Davis, Stan Eales and Don Potts

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