

# TRACK NEWSLETTER

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## • BRITISH COMMONWEALTH GAMES •

Brisbane, Australia, Oct. 3-9.  
100(10/4, 5.9), Wells (Scot) 10.02; 2. Johnson (Can) 10.05; 3. Sharp (Scot) 10.07; 4. Narracott (Aus) 10.09; 5. McFarlane (Eng) 10.11; 6. Sharpe (Can) 10.11; 7. McMaster (Scot) 10.16; 8. Williams (Can) 10.17; 9. Keating (Aus) 10.18.

Quarters(10/3): I-1. Wells 10.22. III-1. Williams 10.25.

Semis(10/4): I(0.9)-1. Wells 10.20; ... 5. Braithwaite (Tri) 10.43. II(1.9)-1. Sharp 10.26; ... 6. Obeng (Gha) 10.38; 7. Crawford (Tri) 10.40; 8. Quarrie (Jam) 10.43.

200(10/7, 0.4), tie, McFarlane & Wells 20.43; 3. Sharp 20.55; 4. Narracott 20.65; 5. Frayne (Aus) 20.72; 6. Sharpe 20.77; ... 9. Williams 21.04.

Semis(10/7): I(2.1)-1. Sharp 20.84; ... 7. Obeng 21.54; ... 9. Quarrie 22.04. II(2.1)-1. Wells 20.53; 2. McFarlane 20.60; ... 6. Braithwaite 21.09.

400(10/4), Cameron (Jam) 45.89; 2. Mitchell (Aus) 46.61; 3. Minihan (Aus) 46.68; 4. Okot (Uga) 46.81; 5. Bennett (Eng) 47.06; 6. Brown (Eng) 47.11; ... 9. Atuti (Ken) 48.01.

Quarter(10/3): II-1. Mitchell 46.70; ... 5. J. Hinds (Can) 48.31.

Semis(10/4): II-1. Brown 46.45; ... 7. D. Hinds (Can) 47.30.

800(10/7), Bourke (Aus) 1:45.18; 2. Maina (Ken) 1:45.45; 3. McGeorge (Eng) 1:45.60; 4. Walker (NZ) 1:46.23; 5. Crew (Aus) 1:46.82; 6. Spyrou (Cyp) 1:47.64; ... 9. Koskel (Ken) 1:52.43.

Semis(10/5): I-1. Forbes (Scot) 1:50.87; ... dnf-Cook (Eng). II-1. Bourke 1:50.56; ... dnf-Norgate (Wal).

1500(10/9), Cram (Eng) 3:42.37; 2. Walker (NZ) 3:43.11; 3. Boit (Ken) 3:43.33; 4. Williamson (Scot) 3:43.84; 5. Hillard (Aus) 3:44.03; 6. Reitz (Eng) 3:44.35; ... 9. Waigwa (Ken) 3:46.18.

Heats(10/8): I-1. Walker 3:47.26; ... 4. Robson (Scot) 3:47.89. III-1. Williamson 3:45.32; ... 5. Stewart (Eng) 3:46.74.

St(10/4), J. Korir (Ken) 8:23.94; 2. Fell (Eng) 8:26.64; 3. Duhaime (Can) 8:29.14; 4. Hackney (Wal) 8:32.84; 5. Renner (NZ) 8:34.32; 6. Philippou (Cyp) 8:35.23; 7. A. Korir (Ken) 8:38.48; 8. Reitz 8:41.94; 9. Larkins (Aus) 8:42.68; 10. Tuwei (Ken) 8:45.98.

5000(10/7), Moorcroft (Eng) 13:33.00; 2. Rose (Eng) 13:35.97; 3. Koech (Ken) 13:36.95; 4. Barle (Tan) 13:39.03; 5. Philippou 13:39.13; 6. Muir (Scot) 13:40.84; ... 13. Waigwa 14:05.02.

10,000(10/3), Shahanga (Tan) 28:10.2; 2. Barle 28:10.6; 3. Goater (Eng) 28:16.2; 4. Spedding (Eng) 28:25.0; 5. Hutton (Scot) 28:28.7; 6. Fowles (Wal) 28:33.9; ... 10. Kasianides (Cyp) 28:58.0; ... 12. Butler (Can) 29:16.9; ... 15. Koech 30:06.0.

110H(10/4, 1.9), McKoy (Can) 13.37 NR, BCR (=10, x W); 2. Holtom (Eng) 13.43 NR; 3. Wright (Aus) 13.58 NR; 4. Greaves (Eng) 13.66; 5. Binnington (Aus) 13.72; 6. Price (Wal) 13.73; 7. Sang (Ken) 14.08; 8. Smith (Jam) 14.11.

Heats(10/3): II(2.4)-1. Wright 13.63.

400H(10/7), Brown (Aus) 49.37; 2. Rwa-muhanda (Uga) 49.95; 3. Rolle (Bah) 50.50; 4. Whittingham (Eng) 51.04; 5. Guss (Can) 51.23; 6. Devine (Scot) 51.68; 7. Spence (Can) 51.84; 8. Oakes (Eng) 51.96; 9. Smith (Jam) 53.52.

4 x 100(10/9), Nigeria 39.15 (Adegbeghinbe, Adeyanju, Oyeledun, Ikpoto); 2. Canada 39.30; 3. Scotland 39.33; 4. Australia 39.39; 5. England 39.67; 6. Ghana 40.52.

4 x 400(10/9), England 3:05.45 (Scutt 48.1, Cook 45.6, Bennett 46.0, Brown 45.8); 2. Australia 3:05.82; 3. Kenya 3:06.33; 4. Canada 3:07.04; 5. Barbados 3:12.44; 6. Zambia 3:13.85.

● HJ(10/8), Ottey (Jam) 7-7 (x, =6 C) (6-11½ [3], 7-1, 7-2¼, 7-3¼, 7-4¼, 7-5¼ [2], 7-7, 7-8¼ [xxx]); 2. Wray (Bah) 7-7 NR (6, =6 C) (6-10¼, 6-11¼, 7-2¼, 7-4¼, 7-5¼ [2], 7-7 [3], 7-8¼ [xxx]); 3. Saunders (Ber) 7-2¼; 4. Abrahams (Eng) 7-2¼; 5. tie, Joy & Metellus (Can) 7-1.

PV(10/9), Boyd (Aus) 17-¾; 2. Gutteridge (Eng) 17-¾; 3. Eggleton (Scot) 17-¾; 4. Simpson (Can) 16-8¼; 5. Stock (Eng) 15-11; 6. Stewart (Aus) 15-11.

LJ(10/7), 26-8¼; 2. Hanna (Bah) 25-6¾w; 3. Walsh (NZ) 25-5¼; 4. Herbert (Eng) 24-9; 5. Knott (Aus) 24-8¾; 6. Kiayi (Ken) 24-6¾; 7. Poyser (Jam) 23-9w; 8. Issah (Gha) 23-¾; 9. Elliott (Bah) 21-2¼.

● TJ(10/9), Connor (Eng) 58-5¼w (2, 2 W all conditions) (54-3¼ [1.9], 58-1¼ [3.8], p, 58-5¼ [4.6], p, p); 2. Lorraway (Aus) 57-6¾w (f, 57-2 [3.5], 57-1 [3.5], 57-6¼ [3.2], p, 46-1¼ [2.8]); 3. Moore (Eng) 55-0w; 4. Hanna 54-4w; 5. Herbert 54-1w; 6. Elliot 53-8¾w. SP(10/9), Pauletto (Can) 64-1¼; 2. Winch (Eng) 59-10¼; 3. Chambul (Can) 57-3¼; 4. Slaney (Eng) 56-11¼; 5. Rodhouse (Eng) 56-4¼; 6. Barber (Aus) 50-3¼; ... dnc(inj)-Dolegiewicz (Can).

DT(10/8), Cooper (Bah) 210-1; 2. Gray (Can) 199-0; 3. Dolegiewicz 197-11; 4. Slaney 197-4; 5. Weir (Eng) 194-5; 6. Tancred (Eng) 193-0.

HT(10/3), Weir (Eng-SMU), 246-4 (75.08)

● CR (old CR 242-1 [73.80] Olsen [SMU] '81) (229-9, 241-2 [2, 3 C], 246-4, f, 235-7, 239-6); 2. Girvan (NI) 241-6; 3. Black (Scot) 229-1 (68.84); 4. Lotz (Aus) 229-1 (68.82); 5. Dickenson (Eng) 222-11; 6. Willers (Can) 213-5.

JT(10/9), O'Rourke (NZ) 293-7 (266-7, 268-8, f, 277-9, 293-7, ?); 2. Babits (Can) 278-6; 3. Malekwa (Tan) 263-2; 4. Olsen (Can) 255-9; 5. Sang (Ken) 254-9; 6. Yates (Eng) 253-11; 7. Ottley (Eng) 246-1.

Dec(10/4-5), Thompson (Eng) 8410 (10.66, 25-3¼, 49-9¼, 6-8¼, 47.59, 15.00, 146-3, 16-¾, 206-7, 4:34.48); 2. Obikwu (Eng) 8004 (CL) (5, 8 C) (11.50, 23-1¼, 47-11¼, 6-9¼, 50.17, 15.52, 140-11, 15-9, 220-6, 4:24.21); 3. Steen (Can) 7726; 4. Hadfield (Aus) 7511; 5. Boreham (NI) 7316; 6. Kokoyo (Ken) 7118.

## WOMEN

● 100(10/4, 1.4): 1. Taylor (Can) 11.00 NR, BCR (5, x W); 2. Ottey (Jam) 11.03 NR; 3. Pekin (Aus) 11.24; 4. Bailey (Can) 11.30; 5. tie, Hoyte-Smith (Eng) & Ubah (Nig) 11.31.

Heats(10/3): I(1.0)-1. Taylor 11.32; ... 3. Hodges (Jam) 11.69; 4. Bernard (Tri) 11.71. II(2.8)-1. Ottey 11.00. IV(3.4)-1. Pekin 11.25; ... 3. G. Jackson (Jam) 11.46.

Semis(10/4): I(3.2)-1. Ottey 11.02; 2. Bailey 11.24; ... 6. Hodges 11.69. II(3.4)-1. Taylor 10.92 (=3, =7 W all conditions); 2. Hoyte-Smith 11.18; 3. Ubah 11.18; 4. Davey (Aus) 11.24; ... 6. Jackson 11.45; ... 8. Bernard 11.61.

200(10/7, 2.5): 1. Ottey (Jam) 22.19; 2. Smallwood (Eng) 22.21; 3. Taylor (Can) 22.48; 4. Boyd (Aus) 22.72; 5. Pekin (Aus) 22.89; 6. Callender (Eng) 22.92; 7. G. Jackson (Jam) 23.25; 8. Bailey (Can) 23.42.

Heats(10/5): II(-1.1)-1. Taylor 23.82; ... 2. Jackson 24.09; ... 6. A. Williams (Tri) 24.74. IV(-2.3)-1. Ottey 23.73; ... 6. Waithera (Ken) 25.13.

Semis(10/5): I(-3.9)-1. Smallwood 23.45; ... 4. Jackson 23.66. II(-2.4)-1. Ottey 22.70.

400(10/4): 1. Boyle (Aus) 51.26; 2. Scutt (Wal) 51.97; 3. Hoyte-Smith (Eng) 52.53; 4. Taylor (Eng) 52.56; 5. Robertson (NZ) 53.02; 6. Killingbeck (Can) 53.10; 7. Crooks (Can) 53.16; 8. Griffith (Guy) 53.67.

Heats(10/3): I-1. Macdonald (Sco) 52.70; ... 7. Waithera (Ken) 54.85. II-1. Hoyte-Smith 52.50; 2. Rattray (Jam) 53.20; ... 4. Payne (Can) 53.71. III-1. Scutt 52.49; ... 4. Crooks 53.10; 5. Griffith 53.72.

Semis(10/3): I-1. Hoyte-Smith 52.26; ... 3. Griffith 52.88; ... 7. Payne 54.06. II-Scutt 52.86; ... 4. Crooks 53.34; 5. Rattray 53.60; ... 9. Waithera 56.37.

800(10/7): 1. McDermott (Wal) 2:01.31; 2. Clarkson (Sco) 2:01.52; 3. Barralet (Aus) 2:01.70; 4. Cater (Aus) 1:01.91; 5. Hassan (Eng) 2:02.21; 6. Baker (Eng) 2:03.17.

Heats(10/5): I-1. Clarkson 2:04.06; ... 6. Rattray (Jam) 2:10.22.

1500(10/9): 1. Boxer (Eng) 4:08.28; 2. Dainty (Eng) 4:10.80; 3. Moller (NZ) 4:12.67; 4. Rodger (NZ) 4:13.10; 5. Fitch (Can) 4:13.40; 6. Lock (Wal) 4:14.02.

Heats(10/8): I-1. Lock 4:15.12; ... Scott (Can) 4:18.90. II-1. Boxer 4:16.32; 2. Moller 4:17.45.

3000(10/4): 1. Audain (NZ) 8:45.53 NR, BCR; 2. Smith (Eng) 8:48.47; 3. Moller (NZ) 8:55.76; 4. Rodger (NZ) 9:06.05; 5. Bush (Can) 9:12.02; 6. Fitch (Can) 9:12.78; ... 12. Scott (Can) 9:32.20.

100H(10/8, 4.5): 1. Strong (Eng) 12.78; 2. Boothe (Eng) 12.90; 3. Kameli (Can) 13.10; 4. Nelson (Can) 13.10; 5. Livermore (Eng) 13.25; 6. Nunn (Aus) 13.31.

Heats(10/7): II(1.6)-1. Boothe 13.07. II (1.1)-1. Strong 13.13.

400H(10/7): 1. Filintoff (Aus) 55.89 NR, BCR; 2. Kyalisiima (Uga) 57.10; 3. Wray (Eng) 57.17; 4. Morley (Eng) 57.57; 5. Foreman (Aus) 57.62; 6. Page (Can) 57.70; ... 9. Farmer (Jam) 59.07.

Heats(10/7): II-1. Foreman 58.69; ... 4. Farmer 60.06.

4x100(10/9): 1. England 43.15 (Hoyte-Smith, Smallwood, Callender, Lannaman); 2. Canda 43.66; 3. Jamaica 43.69; 4. Australia 43.84; 5. Nigeria 44.60 NR; 6. Trinidad 44.74 NR; 7. Ghana 45.93; 8. Kenya 46.13 NR.

4x400(10/9): 1. Canada 3:27.70 NR (Richardson 52.6, Payne 52.2, Crooks 51.9, Taylor 51.0); 2. Australia 3:27.72; 3. Scotland 3:32.92; 4. England 3:35.35; 5. Wales 3:35.76; 6. New Zealand 3:40.63; 7. Kenya 3:40.77.

HJ(10/9): 1. Brill (Can) 6-2; 2. Stanton (Aus) 6-2; 3. Simmonds (Eng) 6-0; 4. Reid (Can) 6-0; 5. Browne (Aus) 6-0; 6. Elliott (Eng) 5-10¼;

... 10. tie, Fay (NI) & White (Can) 5-8%.  
LJ (10/8): 1. Ferguson (Bah) 22-8w; 2. Strong (Aus) 22-7w; 3. Kinch (Eng) 22-3w; 4. Garden (Aus) 21-5½w; 5. Hearnshaw (Eng) 21-4w; 6. Teloni-Lambrou (Cyp) 20-11¼; 7. Nunn (Aus) 20-11¼w.

Qual (10/8): Ferguson 22-3.  
SP (10/6): 1. Oakes (Eng) 58-9½; 2. Mulhall (Aus) 58-¼; 3. Hauch (Can) 54-10; 4. Francis (Aus) 53-9¾; 5. Littlewood (Eng) 52-4¾; 6. Ionesco (Can) 51-10; 7. Ritchie (Sco) 51-3¾; 8. van Heerden (Zim) 46-7½.

DT (10/4): 1. Ritchie (Sco) 206-7; 2. Mulhall (Aus) 192-5; 3. Whiteley (Eng) 179-9; 4. Ionesco (Can) 178-10; 5. van Heerden (Zim) 175-3; 6. Head (Wal) 166-2.

JT (10/8): 1. Howland (Aus) 211-6; 2. Rivers (Aus) 204-4; 3. Whitbread (Eng) 193-1; 4. Matthews (Aus) 181-0; 5. Lapres (Can) 171-7; 6. Chartrand (Can) 164-6.  
Hept (10/3-4): 1. Nunn (Aus) 6282 NR (13.33, 43-8¼, 5-9¾, 24.12, 21-4¼, 115-10, 2:12.17-3682/2600); 2. Livermore (Eng) 6214 (13.22, 43-8¼, 5-10¾, 25.01, 20-¾, 127-2,

2:12.11-3645/2569); 3. Ross (Can) 5981; 4. Warren (Eng) 5692; 5. Genge (NZ) 5679; 6. White (Can-Bos U) 5575 (8, x C) (14.43, 38-8¼, 5-8¾, 25.32, 18-10¼, 105-4, 2:21.25).

#### SAKORAFI-243-5 WR

GREEK CHAMPIONSHIPS, Canea, Crete, Sept. 26—Women: JT, Sakorafa 243-5 WR (old WR, 237-6 Lillak [Fin] 7/29/82 [72.40]) (74.20) (218-5, 202-10, 215-7, 243-5, 216-2, f).

## INTERNATIONAL RESULTS BY NATION

### BELGIUM

LUIK, April 17 /indoors—HJ, 2. Stones 7-1¾; 3. Thranhardt (WG) 7-1¾. Women: HJ, Meyfarth 6-3¾; 2. Soetaway 6-2.  
NAIMETTE-X., June 6—HJ, Thranhardt 7-2½.

BRUSSELS, June 26-27—Dec, Van Vaerenbergh 7416; . . . dnf—R. Desruelles 3321 (4 events) (10.76, 24-10¾, 41-8¼, 6-7¾, dnf).

### CZECHOSLOVAKIA

NITRA, Aug. 22—SP, Beyer (EG) 70-5; 2. Khristov (Bul) 66-8¾. DT, 2. Tashkov (Bul) 210-7; . . . 7. Danek 184-1. Women: LJ, Kurkova 21-10¼. SP, Fibingerova 68-6; 2. Schmuhl (EG) 67-10¼; 3. Silhava 63-4¾. DT, Silhava 225-3 NR; 2. Mészynski (EG) 213-11.

"PRAGA ACADEMICA," Prague, Aug. 31—SP, Jacobi (EG) 66-8¾; 2. Kubes 66-8; 3. Machura 65-5¼. DT, Lemme (EG) 219-7; 2. Hossfeld (EG) 209-9.

Women: LJ, Radtke (EG) 21-8w (21-6); 2. Geissler 21-7¾; 3. Strojckova 21-5¼. SP, Muller (EG) 68-8; 2. Dittlich (EG) 63-11. DT, Sziogaud (EG) 213-8; 2. Silhava 212-6; 3. Opitz (EG) 210-1. JT, Hommola (EG) 204-3; 2. Burgarova 198-7.

### EAST GERMANY

EAST BERLIN, Sept. 16-16—400(a), Reyte (Cub) 45.87; 2. Proshin (SU) 46.23. 1500(b), Wagenknecht (EG) 3:40.28; 2. Abramov (SU) 3:40.58. HJ(b), Demyanyuk (SU) 7-3. TJ(b), Grishchenko (SU) 54-9¾; 2. Bedrosian (Rum) 54-4; 3. Abbyasov (SU) 53-6¼. SP(b), Barishnikov (SU) 63-10¼. DT(a), Duginyets (SU) 212-9; 2. Kolnootchenko (SU) 206-3. HT(b), Gerstenberg (EG) 245-10; 2. Ryepin (SU) 242-8.

Women: 200(b), Donkova (Bul) 22.95. 100H(a), Donkova 12.65; 2. Riefstahl (EG) 13.13; 3. Zagorshva (Bul) 13.20. LJ(b), Kolpakova (SU) 21-1¼; 2. Wujak (EG) 21-¾. SP(a), Slupianek (EG) 69-11; 2. N. Abashidze (SU) 65-8¼; 3. Stoyanova (Bul) 64-4; 4. Dittlich (EG) 63-10¼. DT(a), Murashova (SU) 218-4; 2. Savinkova (SU) 215-8; 3. Sziogaud (EG) 211-2; 4. Silhava (Cze) 207-6.

### EGYPT

EAST AFRICAN Championships, Aug. 21-22—400, Atuti (Ken) 46.4. 800, Ndiwa (Ken) 1:47.4; 2. Maina (Ken) 1:47.5. SP, Asaad (Egy) 63-9¾.

### FINLAND

KAUHAJOKI, Aug. 8—3000, K. Rono (Ken) 8:19.30; 2. Maaninka 8:19.74. JT, Harkonen 279-9.

MAARIAHAMINA, Aug. 8—SP, Stahlberg 66-¾.

Women: JT, Lillak 217-9.  
VARKAUS, Aug. 8—5000, Vainio 13:41.30; 2. A. Korir (Ken) 13:46.00. HJ, Bar-

rinea (AA) 6-11¾. HT, Huhtala 247-10.

Women: LJ, Cusmir (Rum) 21-4¾.

PORVO, Aug. 8—St. Ekblom 8:21.4; 2. Ayraainen 8:22.6; 3. Laukkanen 8:22.9; 4. Koroso (Ken) 8:31.6.

NATIONAL Championships, Kouvola, Aug. 13(a)-14(b)-15(c)—1500(c), Ayraainen 3:43.15; . . . 13. Loikkanen 3:54.14. 5000(a), Vainio 13:40.60; 2. Plasencia (AW) 13:42.97; . . . 7. Maaninka 13:51.51. 10,000(c), Vainio 28:19.56.

PV(c), Kalliomaki 18-¾; 2. Kuusisto 17-10¾; 3. Bell (PCC) 17-8¾. SP(b), Stahlberg 66-7¼. DT(a), Burns (AW) 210-6; 2. Tuokko 203-5; . . . 15. Stadel (AW) 144-10. HT(b), Huhtala 244-9. JT(c), Roggy (AW) 309-11 AR; 2. Harkonen 281-11; 3. Aho 274-11; 4. Toivonen 272-2.

Women: 800(c), Hannus 2:04.07. JT(b), Laaksalo 211-6; . . . nm—Lillak.

FINLAND 215—Sweden 193, Helsinki, Aug. 28-29 /83,000 2-day attendance—St. Ayraainen 8:25.73; 2. Hagelbrand (S) 8:26.51; 3. Ekblom 8:26.57; 4. Laukkanen 8:29.23. 10,000, Vainio 28:12.60. 110H, Bryggare 13.60.

SP, Stahlberg 67-11. HT, Tiainen 249-5; 2. Huhtala 244-5. JT, Harkonen 289-2; 2. Eldebrink (S) 288-7; 3. Toivonen 286-2; 4. Aho 285-4.

Women: Teams—Sweden 79-Finland 78. 100H, Skoglund (S) 13.53. 400H, Skoglund 56.25. JT, Lillak 215-0; 2. Laaksalo 209-6; 3. Laine 201-8.

### FRANCE

COLOMBES, Sept. 25—PV, Bellot 18-10¾; 2. Vigneron 18-¾.

CHAMPS-SUR-MARNE, Sept. 26—PV, Vigneron 18-8¾ (missed 18-10¾); 2. Abada 18-¾. EPINAY, Oct. 2-3—4 x 1500, ASPTT 15:17.63 (Baud, Faure, Pajot, Gonzalez).

### GREAT BRITAIN

COATBRIDGE, Aug. 21—Women: SP, Ritchie 53-8¾. DT, Ritchie 182-10.

COCA-COLA, London, Sept. 17—Mile, Williamson 3:53.08 (3:38.6m). 110H, Holtom 13.60 NR, BCR. PV, 2. Pursley (ACU) 17-8¾; 3. Zalar 17-8¾;

Women: 400, Smallwood 50.46 NR, BCR. JT, Sakorafa 234-8 NR (221-9, 234-8, 220-8, 208-2, f, 225-10—5 throw ave. 222-2+).

COPTHALL, Sept. 18—110H(-1.1), Holtom 14.0; 2. Greaves 14.0. HT, Girvan 231-7; 2. Pickering 199-10.

Women: 100H(-1.5), Boothe 13.5; 2. Strong 13.5.

### GREECE

ATHENS, April 11—Women: JT, Sakorafa 209-5.

AHTNES May 15—Women: JT, Sakorafa 214-0.

CANEA, May 22—Women: JT, Sakorafa 225-11.

SALONICA, June 13—Women: JT, Ver-

ouli 222-0.

GREECE-Spain, Athens, June 27—Women: JT, Sakorafa 212-10.

ATHENS, July 21—Women: JT, Verouli 205-10.

ATHENS, July 29—Women: JT, Sakorafa 221-1; 2. Verouli 220-10.

PRE-EUROPEAN, Athens, Sept. 1(a)-2(b)—100, Yevgenyev 10.53. 400, Prosin 46.38. 1000, 2. Moutsanas 2:19.93; . . . 4. Tishchenko (SU) 2:20.35; 5. Spirou (Gre) 2:20.72. 110H, Shabanov 13.71; 2. Puchkov 14.01. 4 x 100, Soviet Union 39.15.

HJ, 4. Granenkov (SU) 7-¾. PV, Polyakov 18-¼ (18-8¾ on 4th attempt). LJ, nm—Samarin (SU). SP, Bojars 69-11 (67-11¼, 69-11, 69-2¼, 69-6, 68-5¼, f). HT, Nikulin 274-1 (f, 265-3, 274-1, f, f, f); 2. Livinov 265-7 (259-6, 265-7, 265-0, 264-4, 260-10, 263-1).

Women: 1000, Dvirna 2:31.65. 4 x 100, Soviet Union 43.75. DT, 2. Savinkova 213-8.

EUROPEAN Championships, Athens, Sept. 9—LJ, 11. Szalma 25-4¾.

### HOLLAND

FANNY BLANKERS-KOEN SPORT-FEST, Hengelo, July 27—1500, 4. Lelieveld 3:43.55. St. H. Tuwei (Ken) 8:33.56.

### JAPAN

EIGHT NATIONS, Tokyo, Sept. 24—110H, Donges (WG) 13.54 NR. 4 x 100, East Germany (Emmelmann, Prenzler, Schroder, Kubeck); . . . 6. United States 39.77. PV, 3. Kenworthy; . . . nh [17-¾]—Lohre (WG) & Quinon (Fra).

Women: 100, 5. Marz (WG) 11.70; 6. Kondratyeva (SU) 11.80. 100H, Knabe (EG) 12.69; 2. Machabey (Fra) 13.00; 3. Mertshuk (SU) 13.01; 4. Hightower (US) 13.02; 5. Everts (WG) 13.41; 6. Kameli (Can) 13.55; 7. Aki-moto (Jap) 13.77; 8. Parmiggiani (Ita) 14.12.

4 x 100, East Germany 42.78 (Wockel, Rieger, Walther, Gohr); 2. France 43.73; 3. Canada 44.03; 4. USSR 44.13; 5. West Germany 44.40; 6. United States 44.43; 7. Japan 45.71; 8. Italy 45.81. HJ, . . . nh [5-10¾]—Blunston (US). DT, Beyer 221-9; . . . 7. Picknell 168-10. JT, 3. Quintavilla 192-0.

### NIGERIA

NATIONAL Championships, Calabar, June 24-25-26—400, T. Peters 46.01. LJ, Alli 27-1w (f, 27-1w, 26-6, p, p).

NIGERIA-TOGO, Kaduna, July 29—400, T. Peters 45.6. LJ, Alli 26-5¾; 2. Elegbede 26-4¾.

NIGERIA-Senegal-Togo, Benin City, Aug. 6-7—110H, Obasogie (N) 14.00. LJ, Alli (N) 25-4¾; 2. Kio (N) 25-2¾; 3. Elegbede (N) 24-8¾; 4. Ehizuelen (N) 24-8¾. TJ, Kio 53-9¾; 2. Ehizuelen 51-4¾.

SOVIET UNION

MOSCOW, Aug. 7—SP, Gavryushin 68-2½. NATIONAL Championships, Aug. 22—TJ, 4. Bugayev 56-1¼.

SPAIN

NATIONAL Championships, Santiago de Compostela, Aug. 6-7-8—1500, Abascal 3:37.97. St. Ramon 8:27.07; 2. Sanchez 8:27.71. LJ(w), 4. Moracho 24-8½.

SPAIN-Italy-Portugal, Vigo, Aug. 14-15—1500, Abascal 3:45.43. 110H(-2.79), Moracho 13.79. HJ, 3. Cabrejas 7-¼.

SWEDEN

VASTERAS, June 12—HT, Bystedt 231-10.

KARLSTAD, June 13—JT, Eldebrink 284-0; . . . nm—Keihas (back injury).

SOLLENTUNA, June 15—HJ, Sjöberg 7-2½. JT, Damgren 263-11; 2. Keihas 258-7. NYKOPING, June 19—DT, Axelsson 190-0.

SKOVDE, June 23—1500, Hemmila (Fin) 3:42.70. JT, Keihas 256-7.

JARVSO, June 26—800, Rider (Oh St) 1:49.55. SP, Staub (Nb) 59-10¼. DT, Bruch 193-4; 2. Svensson 192-6. HT, Bystedt 229-0. Women: 800, Joan Hansen (AW) 2:12.24; 2. Coleman (Tx) 2:14.54.

KVARNSVEDEN, June 28—800, Rider 1:48.72. 1500, Bayi (Tan) 3:45.44. HJ, Glover (En Ky) 7-2¼. JT, Damgren 266-7; . . . 9. Keihas 228-5. Women: 400, Skoglund 52.42; 2. Coleman 53.12. 1500, White (GB) 4:15.07.

VASTERAS, July 1—HT, Bystedt 226-9; 2. Gustavsson 203-8.

DAGENS NYHETER, Stockholm, July 6—400, Cameron (Jam) 45.24; 2. Hassan (Sud) 46.20; 3. Josjo 46.81. St., . . . dq—A. Korir (Ken). 5000, Rono (7:55.28m); 2. Koeh (7:55.03); 3. Salazar (7:54.76). PV, 1. tie, Kozakiewicz & Quinlan 18-¼. DT, Burns (205-4, 216-0, 212-3, 218-5, 220-6, f).

Women: 800, 6. Simonsson 2:07.40. HJ, 2. tie, Lorentzon & Stanton 5-10¼; . . . 6. tie, Karlsson & Kielan 6-7.

NYKOPING, July 7—200, Egbunike (Nig) 21.10. 400, Whitaker (AIA) 47.43. 800, Masterson (SMTc) 1:49.26; 2. Taliaferro (SMTc) 1:49.55. DT, Hjeltnes (Nor) 205-1; 2. Valvik (Nor) 203-0; 3. Bruch 196-9; 4. Svensson 195-4. Women: 400, Coleman 54.42. 100H, A. Lorentzon 13.91; . . . 3. S. Lorentzon 14.08.

OSTERSUND, July 9—SP, Staub 59-¾. DT, Svensson 197-2; 2. Bruch 190-6. HEDE, July 10—DT, Svensson 200-6; 2. Bruch 196-2.

HUDIKVSVALL, July 11—DT, Svensson 196-4; 2. Bruch 193-9.

STOCKHOLM, July 13—JT, Keihas 250-9.

GOTEBORG, July 15—HT, Johnsen (Nor) 222-3; 2. Gustavsson 202-0.

HUDDINGE, July 2-3—Women: 800, Coleman 2:08.2. 3000, Joan Hansen 9:24.1. DALA-FLODA, July 11—SP, Staub 60-7½.

STOCKHOLM, July 24—HT, Bystedt 231-8; . . . 3. Gustavsson 210-10.

STOCKHOLM, July 25—JT, Pihl 260-6; 2. Keihas 242-11.

ITALY 124-SWEDEN 87, Stockholm, July 28-29—100(a), Simonato (I) 10.69; . . . 4. Zuliani (I) 10.91. 200(b), Caravani (I) 21.11; 2. Josjo 21.23. 400(a), Ribaud 47.03; . . . 3. Josjo 47.56. St(b), Scartezini (I) 8:23.97; 2. Carchesio (I) 8:27.94; 3. Hagelbrand 8:28.97. HJ(b), Sjöberg 7-4¼; 2. Di Giorgio (I) 7-3; 3. Eriksson 7-1¼. HT(b), Bianchini (I) 237-2; 2. Bystedt 222-2. 10,000Walk (Italy 8-Sweden 3), Damilano (I) 39:59.38; 2. Pezzatini (I) 40:19.15; 3. Gustafsson 41:36.43; 4. Staaf 41:46.97.

Women (Italy 170-Sweden 128): 800(b), Dorio (I) 2:00.63; 2. McCabe (S) 2:02.03 NR; . . . 6. Simonsson 2:07.82. 1500(a), Dorio 4:06.59; 2. Possamai 4:09.78. 3000(b), Possamai 8:52.06; 2. Gargano (I) 8:55.09; 3. Ernstrom 8:58.44; 4. Hamrin 9:02.01. 400H(b), Skoglund 55.41. HJ(b), Simeoni (I) 6-2¼; 2. S. Lorentzon 6-1¼; 3. A. Tannander 5-8¾.

KIL, July 31-Aug. 1—DT, Kahma (Fin) 179-10. HT, Gustavsson 206-10.

ARVIDSJAUR, Aug. 1—SP, Jakobsson (Ica) 64-6¼. JT, Markus (Fin) 268-4; 2. Vilhjalmsjon (Ica) 260-4. Women: HJ, Gisladdottir (Ica) 5-11¼.

GOTEBORG, Aug. 2—400, 4. Josjo 46.93; . . . 6. Gray (SMTc) 47.66. 800, . . . dnf—Gray. 11—1. Kimaltel (Ken) 1:49.49; 2. Dyce (FTc) 1:50.05. 1500, 7. Flynn (Ire) 3:40.29; 8. Harbour (SMTc) 3:40.31; . . . dnf—Robinson (ICAC). 5000, 4. S. Sou 13:44.55; . . . 8. Itoh (Jap) 13:48.00; 9. H. Tuwai (Ken) 13:49.14; 10. K. Kvalheim (Nor) 13:51.95. 400H, King 49.79.

HJ, 6. Barrineau (AA) 6-8¾. SP, Laut (68-7, 69-4¼, f, 66-7¼, 67-7¼, 68-5¼); . . . 3. Jakobsson 64-9¼. DT, 2. Burns 219-5; . . . 4. Stadel 209-9; 5. Hjeltnes 206-11; 6. Bruch 193-4; . . . nm—Valvik.

MALMO, Aug. 4—800, . . . dnf—Mack (Or), & Kipkorir (Ken). HJ, . . . nh[7-2¼]—Harken (Wa St). TJ, Jordan (AA) 55-2¼ (f, 53-8¼, 54-9¼, 54-10, f, 55-2¼). Women: 800, 3. Bremser 2:05.83; 4. Simonsson 2:06.21. HJ, S. Lorentzon 5-11¼; 2. A. Tannander 5-11¼; 3. Gisladdottir 5-11¼.

SODERTALJE, Aug. 7—DT, Svensson 195-0. JT, Eldebrink 273-11; . . . 4. Olsen (Nor) 256-7; 5. Utrilainen (Fin) 244-3.

VARNAMO, Aug. 9—400, Tabron (Mi St) 46.46; 2. Forde (Bar) 46.51; 3. Solomon (Tri) 46.63. 110H, Campbell (SCA) 13.96; 2. Turner (SSTc) 14.01. SP, Laut (AW) 69-3¼; 2. Jakobsson (Ica) 65-9¼; 3. Dolegiewicz (Can) 65-3¼. Women: 100, Ottay (Jam) 11.58. 200, Ottay 23.26. HJ, Gisladdottir 5-10¼; 2. S. Lorentzon 5-10¼. LJ, McMillan (CA) 21-¼.

HELSINGBORG, Aug. 11—DT, Bruch 203-11.

NATIONAL CHAMPIONSHIPS, Pitea, Aug. 13-14-15—St(b), Hagelbrand 8:32.37. 400H(c), Nylander 49.88. HJ(b), Sjöberg 7-4¼; 2. Eriksson 7-3¼. DT(c), Svensson 193-8. HT(c), Bystedt 219-4. JT(b), Eldebrink 281-7; . . . 3. Keihas 264-7. Qual(a): Eldebrink 264-7, Keihas 252-10.

Women: 800(b), McCabe 2:02.53; . . . 6. Simonsson 2:08.39. 1500(c), Savestrand-Jonna 4:19.88; . . . 4. Ernstrom 4:23.10. Heats(b): Ernstrom 4:23.50. 3000(a), Ernstrom 9:08.73. 100H(b), Axelsson 14.29; 2. S. Lorentzon 14.35. HJ(c), S. Lorentzon 6-¾; . . . 4. tie, Karlsson & A. Tannander 5-9¼. LJ(b), Wallin 20-8½w; . . . 3. A. Tannander 20¼w (19-11¼).

UDDEVALLA, Aug. 18—2000, Hagelbrand 5:11.11.

SOLLENTUNA, Aug. 20-22—HT, Bystedt 216-9. Women: 1500, Ernstrom 4:23.29.

SWITZERLAND

BERN, May 23—HT, Obrist 228-7 NR. YVERDON, May 26—200(0.5), Mitchell (Aus) 21.49. 400, Mitchell 46.62.

ZOFINGEN, May 31—HJ, 6. tie, Marten (WG) & Nagel (WG) 6-10¼. LJ, Glover 26-5¼ (-2.2); 2. Bernhard 25-9¼.

WELTKLASSE, Zurich, Aug. 18—400H, 4. Szparak (Pol) 49.47 NR. DT, Wilkins (f, f, 215-1, 215-1, 218-10, 223-1); . . . 3; Burns (f, 199-5, f, 214-11, 218-9, f). Women: 4 x 100, Czechoslovakia 42.98 NR (Sokolova, Soborova, Kocembova, Kratochvilova) (6th-fastest nation ever); 2. Great Britain 43.21; 3. United States 43.30 (Brown, Bolden, Griffith, Williams); 4. France 43.46; 5. West Germany 43.81; 6. Italy 44.03.

TRINIDAD

PORT-OF-SPAIN, July 9-10—100, Lewis (SMTc) 9.9. 200, Quow (Rut) 20.9. 400, Paul (Tri) 45.5. ST, Koroso (Ken) 8:47.0. HJ, Fields (PPC) 7-3. PV, Jesse (PPC) 18-5¼. SP, Oldfield (UCTc) 66-8. Women: 100, Washington (Hous) 11.1. 200, Morehead (WAC) 23.4.

VENEZUELA

CENTRAL AMERICAN & Caribbean University Championships, Barquisimeto, May —100, Alfonso (Cub) 10.1; 2. Suero (Dom R) 10.1; 3. Abadia (Col) 10.1.

PAN-AMERICAN JUNIOR Championships, Barquisimeto, July 30-31-Aug. 1—10K-Walk(8/1), Moreno (Col) 42:34.3; 2. Hernandez (Col) 45:34.5; 3. Guerrero (Ven) 47:39.2; 4. Comstock (US) 48:09.4; . . . 6. Liles (US) 50:24.9. HJ, 5. Wilbrooks (US) 6-10¼. TJ, Harris (US) 52-6; . . . 2. Lazaro.

Women: 100H(0.5), Epps (US) 13.95 PR. 400H, 5. Johnson (US) 61.65. 4 x 100, U.S. 44.07 AJR (old AJR, 44.12(A) National Team 7/19/82). LJ, 3. Martin (Cub) 19-3¼. JT, 3. Hart (Can) 162-2; 4. Pina (Ven) 158-2; 5. Roblin (Can) 147-5; 6. Daly (US); 7. Morrison (US).

WEST GERMANY

FURTH, May 29—4 x 100, Poland 39.22.

MANNHEIM, July 29—Pent, Kratschmer 3879 (23-8¼, 210-7, 21.8, 154-6, 4:41.3); 2. Mehl 3790.

WETTER, July 28—Women: 10,000, Teske 32:33.1 NR.

FURSTENFELDBRUCK, July 26—HJ, Thranhardt 7-¼; 2. Mogenburg 7-¼; 3. Blank 6-10¼; 4. Nagel 6-10¼ (rainy).

NATIONAL Relay Championships, Heidenheim, July 30-31—4 x 800(b), VfB Stuttgart 7:18.39; 2. MTV Ingolstadt 7:18.43; 3. TB Emmendingen 7:18.80.

4 x 1500(b), LG Bayer Leverkusen 15:14.12; 2. VfL Wolfsburg 15:25.66.

SCHWABMUNCHEN, Aug. 1—SP, Losch 59-10¼; . . . 3. Pagel (CSLB) 48-2¼. 11—3. Pagel 49-1¼.

OLDENBURG, Aug. 7-8—100(4.1, b), Zirkebach 10.29. HT, Odenthal 233-5; 2. Sahner 232-5.

Women: 100(a, 4.5), Schabinger 11.47; . . . 4. Everts 11.75. 100H(b, -0.5), Filsinger 13.42; 2. Everts 13.44. 400H(b), Bungener 57.40; 2. Nagel 57.56. LJ(b), Filsinger 21-0.

ISTAF, Berlin, Aug. 20 attendance 36,000/—200(0.5), 4. Skamrahl (WG) 20.77; 5. Wiley (US) 21.00; 6. Butler (Ok St) 21.01; 7. Pas Barre (Fra) 21.09; 8. Sharpe (Can) 21.20. 11(0.6)—1. Wright (AA) 20.78.

800, 12. Gray (SMTc) 1:50.70. Mile, dnf—Padilla (AW) 57.1, 59.0 [1:56.1], 60.3 [2:56.4].

St, 2. Konrad (Aut) 8:17.22 NR; . . . 7. Ramon (Spa) 8:21.58; . . . 10. A. Korir (Ken) 8:24.43; . . . 13. Koeleman (Hol) 8:34.84.

HJ, 7. Wszola (Pol) 7-3. PV, 4. tie, Kozakiewicz (Pol) & Zalar (Swe) 17-¾.

LJ, 8. Grimes (AW) 24-2¼.

TJ, 6. Jordan (AA) 52-10; . . . 8. Livers (MIA) 51-2¼.

SP, Laut (67-7, f, 69-11, 65-3¼, 67-3¼, f). DT, Wilkins (210-0, f, 205-8, 220-0, 219-7, 222-0); 2. Powell (218-8, 219-4, 214-2, 209-5, f, 216-1); . . . 4. Wagner (WG) 214-6; 5. Stadel (AW) 213-5.

JT, 4. B. Crouser (Or) 273-10; . . . 6. Petranoff (SCS) 270-2.

Women: 100(1.2). Heats: III—3. Pusey (Jam) 11.72.

800, Lamberlet (Swi) 2:03.66; . . . 7. Gutowski (LAM) 2:05.73; 8. Rattray (Jam) 2:06.11.

COLOGNE, Aug. 22—100, Heats: I(0.6) —1. Lewis 10.47. II(-0.1)—1. Smith 10.32. III —1. Sanford 10.54; . . . 5. Riddick 10.75. IV—1. Lattany 10.34.  
 200, 6. Phillips (AW) 21.17.  
 1500, 10. Masback (Sub 4) 3:45.69 (Maree 56.4, 58.0 [1:54.4], 60.9 [2:55.3]—55.6).  
 HJ, 4. tie, Wszola & Williams; . . . 7. tie, Nagel (WG) & Ehke (WG) 7-2½; . . . 11. Peacock (AE) 7-½; . . . 13. Trzepizur (Pol) 7-½.  
 LJ, Myricks (26-6%, 27-2%, 25-1½%, 26-6%, f, 26-4%); . . . 5. Stekic (Yug) 25-¾.  
 TJ, Banks (54-11%, 55-2%, f, 54-10%, 54-10%, 54-3%); . . . 9. Livers (MIA) 49-7%.  
 HT, 7. Burke (AA) 230.4.  
 Women: 100, 8. Pusey (Jam) 11.74.  
 Heats: I—1. Brown 11.38. II—1. Williams 11.26; 2. Ottey 11.31; 3. Inniss 11.65; 4. Pusey 11.88; . . . 6. Lewis (Hous) 12.22.  
 Junior 400, Dixon (NY HS) 52.60.  
 800, 6. Rattray (Jam) 2:04.08 NR; . . . 9. Gutowski (LAM) 2:06.63.  
 1500, 9. Merrill (AGAA) 4:22.54.  
 HJ, 4. Blunston (CSB) 5-10%.  
 SP, 5. Picknell (OTC) 50-0.  
 KOBLENZ, Aug. 25—100, II(-0.6)—1. Sharpe (Kan) 10.54; . . . 5. Riddick (PPC) 10.70.  
 800, 4. Wulbeck 1:45.34. II—1. Karck (WG) 1:46.56; 2. Handelsman (Isr) 1:46.92.  
 1500, Zdravkovic 3:40.94; 2. Baranski 3:41.53; . . . 9. Hudak (WG) 3:42.35.  
 Mila, 10, Kane 3:55.77; . . . 15. Masback (Sub 4) 4:07.70.  
 5000, Kunze 13:23.61.  
 St, 6. Koeleman (Hol) 8:36.03.  
 110H, II—2. Giegiel (Pol) 13.72. . . dnf—Moracho (Spa).  
 400H, 4. King (Macc) 49.91; 5. Smith (Jam) 50.35.  
 HJ, Peacock; 2. Trzepizur; 3. Thranhardt; 4. Stones; . . . 6. Fields (PPC) 7-3¼.  
 PV, 10. Bohni (Swi) 17-8½; 11. Slusarski (Pol) 17-4½.

LJ, Myricks (25-10%, 26-2¼, f, 26-5%, 27-1¼, f).  
 SP, Laut (67-2, 67-7, 72-3 =AR, 67-0, 67-3¼, 62-10¼—avg. 67-4¼).  
 DT, Delis (218-6, f, 224-11, 219-5, 227-0, f); 2. Buras (215-9, f, 209-6, 214-11, 222-0, 214-0); 3. Wilkins (220-3, 221-7, 221-5, f, 21410, 215-0); 4. Bugar (217-6, f, 219-6, 218-4, 219-6, 214-0).  
 JT, Roggy (245-11, 293-7, 283-5, 260-0, f, 268-10).  
 Women: 100(-0.6); 4. Vader (Hol) 11.53; 5. Brown (LAN) 11.77; 6. Williams (CSLA) 11.77.  
 400, Emerson (UCLA) 53.39.  
 800, Klinger 1:59.57; 2. Krott; 4. Walton (Tn) 2:02.18; 5. Lambelet (Swi) 2:03.32; . . . 8. Clark (Can) 2:03.70.  
 SP, Losch 60-1¼; . . . 6. Picknell (OTC) 62-2¼.  
 JT, Thyssen (WG) 210-7; 2. Smith (SLO) 186-7.  
 STUTTGART, Aug. 29—100(-1.2), 2. Rbillips 10.33; . . . 4. Penalver 10.63; . . . 6. Riddick (PPC) 10.73.  
 800, 5. Solomon (Tri) 1:48.34.  
 200H(0.7), Schaumann 22.79; 2. Smith (Jam) 23.01; 3. Campbell (SCA) 23.20.  
 400H, 5. Smith 51.46.  
 HJ, 5. Frommeyer; 6. Stones; 7. Surbeck (WG) 7-4¼; 8. Mogenburg; 9. Peacock; 11. Fields 7-2¼.  
 SP, Laut 70-6¼ (70-6¼, f, 69-6¼, 69-3¼, 69-5¼, 69-1¼—avg. 69-6¼); . . . 3. Dolegiewicz 67-6¼; 4. D. Crouser (Or) 65-4¼.  
 DT, Delis 225-1.  
 JT, Roggy (258-0, 266-6, f, 314-4 AR, f, f); (95.80); . . . 4. Schreiber (WG) 258-7.  
 Women: 100(-1.7), 4. Griffith (UCLA) 11.93.  
 200(1.1), Jackson (10, x C) . . . 3. Pusey (Jam) 23.39.  
 400, 5. Emerson (UCLA) 53.35; . . . 7. Rattray (Jam) 53.90.

4 x 100, West Germany 43.86.  
 400H, 4. Gutewort (WG) 56.79.  
 HJ, Meyfarth (WG) 6-5¾; 2. Meyer (Swi) 6-4¼; 3. Acosta (Cub) 6-2; . . . 5. Blunston (CSB) 6-2; . . . 7. Holzapfel (WG) 6-2.  
 DT, Manecke (WG) 2046; 2. Stalman (Hol) 200-6; . . . 4. Picknell (OTC) 170-2; . . . 5. Zaphiropolous (WC) 152-6.  
 RHEDE, Sept. 1—Women: LJ, Hanel (WG) 22-2¼, etc. (not London, 8/30).  
 HEILIGENHAUS, Sept. 24—HJ, Thranhardt 7-2¼; 2. Mogenburg 7-¾.  
 BERGISCH GLADBACH, Sept. 25—Women: 1000, Kraus 2:39.6; 2. Krott 2:39.7.  
 EBERSTADT, Oct. 3—HJ, Thranhardt 7-2¼.  
 GEISLINGEN, Sept. 25—HJ, Thranhardt 7-2¼; 2. Mogenburg 7-2¼.

## YUGOSLAVIA

BELGRADE, June 6—SP, vancic 66-2¼; 2. Milic 65-1¼.  
 CANADA 225-YUGOSLAVIA 152, Celje, July 4-5—100(-1.7), S. Hinds (C) 10.72. 400, D. Hinds (C) 46.35. St, Novak (Y) 8:37.78; 2. Duhaime (C) 8:39.37; 3. Iwancin (C) 8:40.70. 400H, Guss (C) 50.53; 2. Kopitar (Y) 51.11. 4 x 400, Canada 3:05.30.  
 HJ, Ottey (C) 7-4¼. SP, Lazarevic (Y) 64-1¼; 2. Pauletto (C) 63-9¾; 3. Dolegiewicz (C) 63-¾. DT, B. Chambul (C) 198-3; 2. Gray (C) 193-3; 3. Harkness (C) 189-3. JT, Darling (C) 264-4; 2. Babits (C) 255-4.  
 Women: 200(0.4), Taylor (C) 22.77. 400, Crooks (C) 52.65. 400H, Wright (C) 58.29. HJ, Brill (C) 6-4¼. LJ, Nelson (C) 21-4 =NR. SP, Hauch (C) 54-4.  
 ENGLAND WOMEN 180-Scotland 124-Yugoslavia 108½-Spain 98½, Maribor, July 24—400H, Pujol (Sp) 57.29; 2. Wray (E) 57.34; 3. Elder (E) 58.08. 4 x 400, England 3:32.18 (Elder, Forsyth, Patten, MacGregor).

## • ROAD RESULTS •

EUROPEAN CHAMPIONSHIPS, Athens, Greece, Sept. 7-12 /point-to-point—Mar(9/12), Nijboer (Hol) 2:15:16; 2. Parmentier (Bel) 2:15:51; 3. Lismont (Por) 2:16:04; 4. Tiainen (Fin) 2:16:27; 5. Toivola (Fin) 2:17:31; 6. Cierpinski (EG) 2:17:50; 7. Marczak (Pol) 2:17:53; 8. Messina (Ita) 2:18:20; 9. Dahl (Nor) 2:19:49; 10. Stahl (Sve) 2:20:36; 11. Hooper (Ire) 2:20:51; 12. Cannon (GB) 2:21:33; 13. Poli (Ita) 2:22:27; 14. Chauveller (Fra) 2:22:40; 15. Szekeres (Hun) 2:22:41;  
 16. Moiseyev (SU) 2:24:00; 17. Terzi (Tur) 2:24:06; 18. Umberg (Swi) 2:24:54; 19. Moreira (Por) 2:25:08; 20. Koussis (Gre) 2:26:22; 21. Bobes (Fra) 2:26:37; 22. Salzmann (WG) 2:27:24; 23. Vandervennet (Bel) 2:27:44; 24. Sidorov (SU) 2:31:29; 25. Tsimingatos (Gre) 2:35:41; . . . dnf—Kopijasz (Pol), Persson (Swe), Zachariasen (Den), Kristensen (Den), Lazaridis (Gre), Vriend (Hol), DeLaParte (Spa), Kemppe (Fin), Kenyon (GB), Kotov (SU).  
 20kmW(9/7), Marin (Spa) 1:23:43 NR; 2. Pri-bilinec (Cze) 1:25:55; 3. Blazek (Cze) 1:26:13; 4. Lelievre (Fra) 1:26:30; 5. Pezzatini (Ita) 1:26:39; 6. Mattioli (Ita) 1:26:56; 7. Matveyev (SU) 1:27:57; 8. Salonen (Fin) 1:28:04; 9. Wieser (EG) 1:29:11; 10. Pochinuch (SU) 1:30:13; 11. Barry (GB) 1:31:00; 12. Fessolier (Fra) 1:32:23; 13. McCombe (GB) 1:32:26; 14. Pinto (Por) 1:34:19; 15. Mether (Swi) 1:35:09; 16. Staaf (Swe) 1:37:37; 17. Weber (WG) 1:39:38; 18. Christensen (Den) 1:45:45; . . . dq—Gustafsson (Swe), Damilano (Ita), A. Karagiorgos (Gre).  
 50kmW(9/10), Salonen (Fin) 3:55:29; 2. Marin (Spa) 3:59:18; 3. Gustafsson (Swe) 4:01:21; 4. Gauder (EG) 4:04:51; 5. Duda (Pol) 4:07:20; 6. Llopert (Spa) 4:08:28; 7. Suntsov (SU) 4:12:51; 8. Eloffson (Swe) 4:22:44; 9. C. Karagiorgos (Gre) 4:33:31; 10. Jung (SU) 4:35:02; 11. Degener (WG) 4:35:54; . . . dq—

Bellucci (Ita), Simonssen (Swe); . . . dnf—Dorovskikh (SU), Blazek (Pol), Andersen (Nor), Melsch (EG), A. Karagiorgos (Gre), Moan (Nor), Damilano (Ita), Christensen (Den), Alcalde (Spa), Grecucci (Ita), Bulakowski (Pol); . . . dnc—Weigel (EG).  
 Women: Mar(9/12; point-to-point), Mota (Por) 2:36:04 NR; 2. Fogli (Ita) 2:36:29; 3. Kristiansen (Nor) 2:36:39; 4. Milana (Ita) 2:38:55; 5. Beurskens (Hol) 2:39:23; 6. Szabo (Hun) 2:40:51; 7. Hamrin (Swe) 2:42:15; 8. Ivanova (SU) 2:42:44; 9. Binns (GB) 2:44:10; 10. Marchisio (Ita) 2:44:25; 11. Lovenich (WG) 2:45:11; 12. Teske (WG) 2:45:18; 13. Hutterer (WG) 2:46:33; 14. Toivonen (Fin) 2:48:52; 15. Klippa (Fin) 2:48:55; 16. Fina (Aut) 2:49:58 NR; 17. Seeman (Fra) 2:51:59; 18. May (Ire) 2:52:07; 19. Forster (Swi) 2:52:50; 20. Gumerova (SU) 2:53:01; 21. Gould (GB) 2:58:49; . . . dnf—Papanastassiou (Gre), Martinez (Spa), Kouvara (Gre), Labreton (Fra), Ilands (Bel), Tsukhlo (SU).

NIKE/OTC Marathon, Eugene, Or., Sept. 12 /certified loop—R. Gomez (Mex) 2:11:35 (\$20,000); 2. Ebba (Eth) 2:12:41 (\$12,000); 3. Durden (RS) 2:12:51 (\$8000); 4. Cummings (NBTC) 2:12:55 (\$6000); 5. Layman (USAF) 2:13:14 (\$3000); 6. Rinde (Zeph) 2:13:40 (\$2000); 7. Villanueva (Mex) 2:13:41 (\$1500); 8. D. Tibaduiza (Col) 2:13:45 (\$1250); 9. McCarey (AW) 2:13:47 (\$1000); 10. Verriat (unat) 2:13:48 (\$800);  
 11. Schlesinger (unat) 2:13:59 (\$700); 12. Sayre (OTC) 2:14:07 (\$600); 13. Anderson (Nike) 2:14:53 (\$500); 14. Sanders (Mill) 2:15:03 (\$450); 15. Tabb (adidas) 2:15:26 (\$400); 16. Burleson (AW) 2:15:37 (\$350); 17. Wells (AW) 2:15:47 (\$300); 18. Moreno (CRC) 2:16:07 (\$250); 19. Barton (unat) 2:16:12 (\$200); 20. Hill (SOS) 2:16:43 (\$200).

● ● Women: Benoit (AW) 2:26:11 AR (old AR 2:27:51) Catalano [AW] '81; old non-p-t-p AR 2:30:58 Catalano [AW] '80) (3, 3 W) (\$20,000); 2. Binder (adidas) 2:33:50 (5, x US) (\$9000); 3. Hart (Nike) 2:35:17 (8, x US) (\$5000); 4. Eide (OTC) 2:36:13 (10, x US) (\$2500); 5. Wokka (Hol) 2:43:34 (\$1000); 6. Klecker (unat) 2:45:23 (\$500); 7. Hansen (OTC) 2:46:41 (\$250); 8. Edgar (Seat TC) 2:47:23 (\$250); 9. Campo (unat) 2:47:23 (\$250); 10. Smith (NZ) 2:49:15 (\$250); 11. Mathews (OTC) 2:50:25 (\$200); 12. Vajdos (Phid) 2:51:11 (\$200); 13. Farrington (Seat TC) 2:51:38 (\$200).

HITACHI MILE, Toronto, Ontario, Sept. 18—Maree (Reeb) 3:56.59; 2. Walker (NZ) 3:56.92; 3. Wessinghage (WG) 3:57.12; 4. Flynn (Ire) 3:59.88; 5. Aragon (AA) 3:59.90; 6. Scott (Sub 4) 4:01.96; 7. Campbell (Can) 4:02.27; 8. Craig (Can) 4:03.63.  
 Women: Merrill (AGAA) 4:36.69; 2. Larriue (NBTC) 4:37.01; 3. Beckford (LAC) 4:38.00; 4. Webb (AW) 4:39.13; 5. Richburg (Gaz Int) 4:46.69; 6. Rooks (Can) 4:47.92.

BRITISH Commonwealth Games, Brisbane, Australia, Oct. 3-9—Mar(10/8), De Castella (Aus) 2:09:18 (x, 9 W); 2. Ikangaa (Tan) 2:09:30 NR, Afr R; 3. Gratton (Eng) 2:12:06; 4. Graham (Scot) 2:13:04; 5. Ryan (NZ) 2:13:42; 6. Shalhanga (Tan) 2:14:25; . . . 10. Wallace (Aus) 2:15:24; . . . 15. Butler (Can) 2:18:17; 18. Kasianides (Cyp) 2:19:51.  
 30kmW(10/7), Barry (Wal) 2:10:16; 2. Jobin (Can) 2:12:24; 3. LeBlanc (Can) 2:14:56; 4. Sawall (Aus) 2:15:23; 5. Lapointe (Can) 2:17:02; 6. Erickson (Aus) 2:19:45; 7. Mills (Eng) 2:21:54.

# • 1982 UNITED STATES WOMEN'S LIST •

compiled by Howard Willman

This represents the "final" U.S. women's list for the 1981 season in all standard events except for the marathon, which still has much action remaining and will be included 2 issues from now.

The lists include at least 35 U.S. citizens and top 10 performances. Resident foreigners are listed after the main body of U.S. performers. The end of the performance section is denoted by an underscore, and any foreign performances qualifying for an inclusive list are also underscored within the resident foreigners section. In field events, each mark within a series is considered a performance. The reporting standard for the year is listed at the end of the main body of the U.S. lists (and just ahead of the resident foreigners).

Records are listed at the head of each event. Record symbols: W=World; A=American; C=Collegiate; WJ=World Junior; AJ=American Junior.

Conversion factors are listed after the records of each affected event. Wind-aided and hand-timed marks are included only when intrinsically

superior to the best legal mark using the accepted factors of 0.24 for straight events and 200s and 0.14 for one-lap events.

For events longer than 400 meters, hand-timed marks are not converted but are given an inferior position to auto-timed marks when both have the same tenth second decimal. For example, 2:08.29 would be listed ahead of 2:08.2.

Symbols: (A)=mark made at an altitude above 1000 meters; i=indoor mark; ' after an athlete's name=resident foreigner; l=secondary mark within a field-event series; &=mark made on Boston College's oversized 434-meter track in Chestnut Hill; collegiate classes—\*\*\*=fresh; \*\*=sophomore; \*=junior; -=senior; ?=class unknown.

We are eager to receive amendments to these lists, as they will be published in subsequent issues. Please submit them to Box 296, Los Altos, CA 94022.

## 100 METERS (W—10.88; A—10.90A; C—11.03; WJ, AJ—11.13)

- 10.93 Evelyn Ashford (MTC)
- 10.96 Ashford
- 10.97 Ashford
- 11.04 Ashford
- 11.06 Ashford
- 11.08 Ashford
- 11.11 Ashford
- 11.12 \*Florence Griffith (UCLA)
- 11.14 Ashford
- \*Diane Williams (CSLA)
- 11.16(A) \*Jeanette Bolden (UCLA)
- 11.32 \*Sheryl Pernel (Tn St)
- (A) \*\*\*Jackie Washington (Hous)
- 11.33 \*\*\*Kathrene Wallace (Tx Sn)
- 11.34 Chan. Cheeseborough (TSTC)
- 11.36(A) \*Benita Fitzgerald (Tn)
- 11.37 Alice Brown (WAC)
- (10)
- 11.38(A) \*\*Randy Givens (FI St)
- 11.41 Karen Hawkins (Atoms)
- 11.43 \*\*\*La Shon Nedd (UCLA)
- (A) -Lisa Thompson (UNLV)
- 11.44 Pam Marshall (CA)
- 11.45 \*Cassandra Graham (PV)
- 11.46 Michelle Matthias (STC)
- 11.48 Brenda Morehead (WAC)
- 11.50 -Sherri Funn (G Mason)
- 11.52 \*\*Ada Hay (SMCC)
- (20)
- Donna Dennis (Wa HS)
- 11.54 \*\*\*Ramona Riley (Mo)
- 11.56 \*Sheila LaBome (PV)
- 11.58 Brenda Cliette (Ga HS)
- 11.60 \*\*Allison Dotson (En Ok CC)
- 11.61 \*\*\*Wanda Fort (Tn St)
- Gervaise McCraw (Ca HS)
- 11.62 Sandra Howard (LAN)
- Janet Davis (Ms HS)
- 11.63 \*\*Darlene Jefferson (Hous)
- (30)
- (A) \*Alicia McQueen (Nb)
- Lisa Winston (Ca HS)
- 11.64 \*\*\*Novaita Samuels (Tx AM)
- \*\*\*Susan Shurr (Tx)
- 11.66 \*\*\*Barbara Frazier (Tn St)
- \*\*\*Hollotte Flowers (Sn)
- \*\*\*Colleen Hanna (Ia St)
- 11.67 \*\*\*Sharon Ware (Az St)
- \*\*\*Sandy Harris (SWn Mi CC)
- 11.68 LaTanya Dawkins (Ca HS)
- (40)
- Zelda Johnson (Ca HS)
- 11.70 Denean Howard (Ca HS)
- \*\*Clotae Cowans (NE La)
- 11.71 \*\*Teri Chapple (Az St)
- \*Donna Carley (CS Sac)
- (A) -Bea Reese (UTEP)
- 11.72 \*\*\*Tamela Holland (SLO)
- \*Lori Smith (SDi)
- 11.73 \*\*\*Sharon McDonald (N Tx)
- \*\*Janet Dodson (Morg)
- (50)

- 11.75 \*Cora Sherman (Tx Sn)
- Monica Taylor (Ca HS)
- (11.75)

- Resident Foreigners:
- 11.03 -Merlene Ottey (Nb-Jam)
  - 11.06 Ottey
  - 11.33 Leleith Hodges (LAN-Jam)
  - 11.45(A) -Jackie Pusey (CSLA-Jam)
  - 11.50 \*Esther Hope (Jack-Tri)
  - 11.55 \*Jennifer Inniss (CLSA-Guy)
  - 11.57 \*\*Marita Payne (FI St-Can)
  - Janice Bernard (DCI-Tri)
  - 11.68 Grace Jackson (Atoms-Jam)
  - 11.69 Shonell Ferguson (DCI-Bah)
  - 11.70 Angela Williams (NYHS-Tri)

- Hand-timing:
- 11.2 Cassandra Graham
  - 11.3 -Jacki Durham (Ang)
  - Marita Payne'
  - 11.4 Tara Mastin (Ms AC)
  - Donna Carley
  - 11.5 ?Gwen Williams (Ms V)
  - Robin Benjamin (Md HS)

- Wind-aided auto-timing:
- 10.97(A) \*Merlene Ottey'
  - 11.12(A) Jeanette Bolden
  - 11.13(A) Benita Fitzgerald
  - (A) Diane Williams
  - 11.20(A) Jackie Washington
  - 11.23(A) Randy Givens
  - 11.27(A) La Shon Nedd
  - 11.30 Gwen Loud (CA)
  - 11.31(A) Sharon Ware
  - (A) Lisa Thompson
  - 11.45 Grace Jackson'
  - 11.50 Janet Davis
  - 11.57(A) Bea Reese
  - 11.60 Gervaise McCraw
  - 11.62 Alicia McQueen
  - Monica Taylor
  - 11.63(A) Novaita Samuels
  - Tamela Holland
  - 11.65 \*\*Laura E. Wright (Rice)
  - 11.66 Wendy Vereen (NJ HS)
  - 11.68 Sharon McDonald
  - ?Andralette Gill (CSB)
  - 11.69 Karen Cannon (unat)
  - 11.70 \*Jewel Lovelady (CSB)
  - 11.72 Bridgette Tate (FI HS)
  - 11.74 Vivien McKenzie (Mi HS)
  - 11.75 Jodi Anderson (LAN)
  - Robin Simmons (Ca HS)

- Wind-aided hand-timing:
- 11.0 Allison Dotson
  - 11.3 Lisa Winston
  - 11.4 Trena Carpenter (Tx HS)
  - (A) Bea Reese
  - 11.5 Bonita Brown (Tx HS)
  - Mary Bolden (Tx HS)
  - Katrina Grier (NC HS)

## 200 METERS (W—21.71; A—21.83; C—22.17; WJ—22.19; AJ—22.77A)

- t=220 x 99.42%
- 22.10 Evelyn Ashford (MTC)
- 22.39(A) \*Florence Griffith (UCLA)
- 22.58 Griffith
- 22.59(A) \*\*Randy Givens (FI St)
- 22.70 Griffith
- Griffith
- 22.72(A) Griffith
- 22.87 Griffith
- Griffith
- 22.94(A) Givens
- Ashford
- 23.05 Chan. Cheeseborough (TSTC)
- 23.20(A) \*\*\*La Shon Nedd (UCLA)
- 23.21 Michelle Matthias (STC)
- 23.23 -Lisa Thompson (UNLV)
- 23.25 Denean Howard (Ca HS)
- 23.27 Gervaise McCraw (Ca HS)
- 23.29 Alice Brown (WAC)
- (10)
- 23.34 \*\*Cassandra Graham (PV)
- Pam Marshall (CA)
- 23.39 Donna Dennis (Wa HS)
- 23.40† Janet Davis (Ms HS)
- (A) \*Diane Williams (CSLA)
- 23.41 Karen Hawkins (A toms)
- 23.44 \*Easter Gabriel (PV)
- 23.49 \*Jeanette Bolden (UCLA)
- 23.50 \*Benita Fitzgerald (Tn)
- 23.57 \*\*Merry Johnson (W Tx)
- (20)
- 23.59 \*\*\*Novaita Samuels (Tx Am)
- Tonja Stevens (Pa HS)
- 23.65 Alice Jackson (DCI)
- 23.68 \*Sheryl Pernel (Tn St)
- 23.69 \*\*Gwen Gardner (WLACC)
- 23.73 \*\*Allison Dotson (En Ok CC)
- Rosalyn Bryant (LAN)
- 23.75 \*\*\*Jackie Washington (Hous)
- 23.76 \*\*\*Donithy Jones (Oh St)
- 23.77 \*Angela Wright (FI St)
- (30)
- \*\*Ada Hay (SMCC)
- 23.79 \*\*\*Susan Shurr (Tx)
- 23.80 Diane Pullins (Ca HS)
- 23.81 LaTanya Dawkins (Ca HS)
- 23.82(A) \*\*Alicia McQueen (Nb)
- 23.83 Zelda Johnson (Ca HS)
- Kelia Bolton (STC)
- 23.85 Diane Dixon (NY HS)
- 23.87 Lorna Forde (Atoms)
- 23.88 -Loretta Edwards (PV)
- (40)
- 23.90 \*\*\*Sharon McDonald (N Tx)
- 23.92 \*Kim White (Cal)
- 23.93 \*\*\*Lisa Pinkney (Sn)
- Lisa Winston (Ca HS)
- 23.94 -Sherri Funn (G Mason)
- Nedrea Rodgers (Ca HS)
- 23.95 \*\*Colleen Hanna (Ia St)
- 23.96 \*\*Janet Dodson (Morg)
- Shirley Walker (Wa HS)
- 23.97 \*Asa Pennington (Or St)
- (50)

- 24.00 \*\*\*Mary Jones (FI AM)
- \*\*Teri Chapple (Az St)
- 24.01 Brenda Cliette (Ga HS)
- Monique Robinson (Ca HS)
- 24.04 \*\*\*Kathrene Wallace (Tx Sn)
- 24.05 \*\*Sybil Perry (Pur)
- 24.10 Joshlin Bennett (unat)
- \*Lori Smith (SDi)
- \*\*Jackie Joyner (UCLA)
- 24.11 -Jacki Durham (Ang)
- (60)
- Pam Qualls (Ca HS)
- 24.12 Terri Smajstria (Tx HS)
- 24.15 -Kris Costello (Or)
- \*\*Felicia DuPuch (Az)
- \*Angela Carson (SC St)
- Vivien McKenzie (Mi HS)
- (24.15)

- Resident Foreigners:
- 22.17 \*Merlene Ottey (Nb-Jam)
  - 22.29(A) Ottey
  - 22.41 Ottey
  - 22.46(A) Ottey
  - 22.62 Ottey
  - 22.63 Ottey
  - Ottey
  - 22.91(A) \*\*Marita Payne (FI St-Can)
  - 22.92 -Grace Jackson (AI AM-Jam)
  - 23.39 -Jackie Pusey (CSLA-Jam)
  - 23.66 Angela Williams (NY HS-Tri)
  - 23.90 Janice Bernard (DCI-Tri)
  - 23.96 \*\*\*Ruth Waithera (Az-Ken)
  - 23.97 Leleith Hodges (LAN-Jam)
  - 24.06 \*\*Cathy Rattray (Tn-Jam)

- Hand-timing:
- 22.3 Randy Givens
  - 23.5 Janet Dodson
  - 23.6 \*Donna Carley (CS Sac)
  - 23.7 Sherri Howard (LAN)
  - Jeanne Warren (UTEP)
  - 23.8 \*Glyna Beaty (ACU)
  - 23.9† Bridgette Tate (FI HS)
  - † Lois White (FI HS)
  - † Dannelte Young (FI HS)
  - Michelle F inn (FI HS)
  - Mamie Wilson (NC HS)
  - Wendy Vereen (NJ HS)

- Wind-aided auto-timing:
- 22.23 Florence Griffith
  - 23.21 Janet Davis
  - 23.33 Donna Dennis
  - 23.44 Alice Jackson
  - 23.48 Rosalyn Bryant
  - 23.57 Leleith Hodges'
  - 23.61 Jeanne Warren
  - 23.62 Zelda Johnson
  - 23.63 \*\*Darlene Jefferson (Hous)
  - 23.64 Ada Hay
  - 23.72 Kelia Bolton
  - 23.73(A) Kim White
  - 23.75 Monique Robinson
  - 23.85 Jackie Joyner
  - 23.86 Asa Pennington



23.88 Sharon McDonald  
 23.89 \*\*Clotee Cowans (NE La)  
 23.91 \*\*\*Elaine Jones (MI St)  
 Nedrea Rodgers  
 23.92 Jeannie Arnold (Ca HS)  
 Sybil Perry  
 23.93 \*Grace Bakari (Or-Gha)  
 24.02 \*\*\*Marcia Tate (Nb-Jam)  
 24.03 Pam Copper (Pa HS)  
 24.11 Mar. Kendall (NYHS-Guy)  
 Wendy Vereen

Wind-aided hand-timing:  
 23.1 Jackie Washington  
 23.3 Kim White  
 23.4 Nedrea Rodgers  
 23.7 Lelaith Hodges  
 \*\*Vernecia Smith (UNLV)  
 23.8 \*\*Laura E. Wright (Rice)

Disqualified:  
 24.04(A) Jeanne Warren

### 400 METERS

(W-48.15; A-50.62; C-50.62;  
 WJ-49.77; AJ-50.87)  
 †=400 hand + 0.14  
 †=440 hand + 0.14 x 99.42%  
 †=400 hand + 0.24 (1 turn)  
 50.87 Denean Howard (Ca HS)  
 51.17 Howard  
 51.18 Rosalyn Bryant (CAN)  
 51.33 Bryant  
 51.34 Bryant  
 51.38 Howard  
 51.69 Bryant  
 51.75 Diane Dixon (NY HS)  
 51.79 \*Arlise Emerson (UCLA)  
 51.85 Bryant  
 Bryant

51.91 \*Florence Griffith (UCLA)  
 52.06 Sherri Howard (LAN)  
 52.14 \*Easter Gabriel (PV)  
 + \*Delisa Walton (Tn)  
 52.20(A)\*Rosalyn Dunlap (Mo)  
 52.29(A)\*\*\*La Shon Nedd (UCLA)  
 (10)

52.34 \*\*Merry Johnson (W Tx)  
 52.36 \*\*\*Sharon Dabney (CSLA)  
 52.41 Alice Jackson (DCI)  
 52.58 -Robbin Coleman (Tx)  
 52.61(A)\*Angela Wright (FI St)  
 52.68 \*\*Gwen Gardner (WLACC)  
 52.87(A)-Loretta Edwards (PV)  
 52.94+ Lorna Forde (Atoms)  
 #& Max. Underwood (Ma HS)  
 53.04 Evalyn Ashford (MTC)  
 (20)

53.18 Deann Gutowski (LAM)  
 53.24#&\*Lori McCauley (Rut)  
 53.25 \*\*\*Denise Bullocks (Ia St)  
 53.34 Jeannie Arnold (Ca HS)  
 53.40 \*Lorna Tucker (Ks)  
 53.41(A)\*\*Vernecia Smith (UNLV)  
 53.42 Gervaise McCraw (Ca HS)  
 53.44+ \*Kim White (Cal)  
 53.45 \*\*\*Donithy Jones (Oh St)  
 53.51 -Sumetia Wells (Ia St)  
 (30)

53.56 \*\*Annette Campbell (Ok)  
 (A)\*\*\*Faye Paige (CSLB)  
 \*\*\*Stephanie Bonner (Aub)  
 53.591 -Edna Brown (Temp)  
 53.68 Robin Campbell (STC)  
 53.74+ -Vogel Newsome (Ms V)  
 + Ericka Harris (Wa HS)  
 + \*\*Tammie Hart (Penn St)  
 53.76 Roberta Belle (DCI)  
 Gayle Kellon (Ca HS)  
 (40)  
 Leslie Maxie (Ca HS)

53.83 \*Lisa Garrett (Va)  
 Nedrea Rodgers (Ca HS)  
 Patty Taylor (FI HS)  
 53.85 -Bobbie Gilmore (CS Sac)  
 53.91 Kella Bolton (STC)  
 53.93(A)\*\*Delphina Banks (CSH)  
 53.97 \*\*Ovriil Brown (FI St)  
 53.98 \*\*\*Rolanda Conda (Il)  
 54.01 -Tonja Brown (FI St)  
 (50)

?Gail Emmanuel (Gram)  
 54.04+ \*\*Ella Smith (N Tx)  
 + Karen Woods (Md HS)  
 (54.06)

Resident Foreigners:  
 51.71(A)\*\*Cathy Ratray (Tn-Jam)  
 51.89 June Griffith (STC-Guy)  
 51.99(A)\*\*Marita Payne (FIS-Can)  
 52.01 \*\*Char. Crooks (UTEP-Can)  
 52.64 \*Merlene Ottey (Nb-Jam)  
 52.83 -Jackie Pusey (CSLA-Jam)  
 53.40 Dor. Scott (Atoms-Jam)  
 53.47 \*\*Esme Austin (SC St-Bar)  
 53.65(A)\*\*\*Ruth Walthera (Az-Ken)  
 53.68 \*Dana Wright (O Dom-Can)  
 53.85 \*Grace Bakari (Or-Gha)

### 800 METERS

(W-1:53.43; A-1:57.9; C-  
 1:59.63; WJ-1:59.7; AJ-2:00.07  
 †=880 x 99.42%  
 1:58.33 Mary Tabb (AW)  
 1:58.43 Tabb  
 2:00.07 Kim Gallagher (Pa HS)  
 2:00.67 \*Delisa Walton (Tn)  
 2:00.91 Walton  
 2:01.32\*\*Joetta Clark (Tn)  
 2:01.52 Clark  
 2:01.6 Chris Mullen (AW)  
 2:01.76 Sue Addison (OTC)  
 2:02.09 Clark  
 2:03.02 Lee Ballenger (AW)  
 2:03.0 \*\*\*Louise Romo (Cal)  
 2:03.11 \*Leann Warren (Or)  
 2:03.31 Deann Gutowski (LAM)  
 (10)

2:03.54\*\*\*LAV Landingham (LSU)  
 2:03.58 Diana Richburg (Gaz Int)  
 2:03.7 Darlene Beckford (LAC)  
 2:04.38\*\*Regina Jacobs (Stan)  
 2:04.47 Robin Campbell (STC)  
 2:04.51 -Robbin Coleman (Tx)  
 2:04.85 Tammy Etienne (Ms)  
 2:04.9 \*\*Ovriil Brown (FI St)  
 2:05.57 -Pam Sedwick (MI St)  
 2:05.67 -Kay Stormo (Ia)  
 (20)

2:05.83 Cindy Bremser (WU)  
 2:05.8\*\*Tara Arnold (Tx)  
 2:06.07 Trescia Palmer (Ca HS)  
 2:06.21 Rennie Durand (Ca HS)  
 2:06.23 Francie Larrieu (NBTC)  
 2:06.27 \*Barbara Ennis (In)  
 2:06.31 \*Jill Haworth (Va)  
 2:06.3 \*Tami Essington (NB)  
 2:06.70 Cathie Twomey (AW)  
 2:06.77 \*Michele Bush (UCLA)  
 (30)

2:06.7& Alda Cossi (DC Cap)  
 2:06.81 -Debbie Bottomley (UCI)  
 2:06.85 Joan Hansen (AW)  
 2:06.89 \*Sheila Montgomery (In)  
 2:06.90 -Jennifer Whitfield (VIII)  
 2:06.92† Lorna Forde (Atoms)  
 2:06.95 Jessica Spies (Ca HS)  
 2:07.00 Kerri Zaleski (Ca HS)  
 2:07.2 -Esther Scherzinger (SLO)  
 2:07.39 Maggie Keyes (AW)  
 (40)

2:07.42 \*Linda Goen (UCLA)  
 2:07.46\*\*Margaret Metcalf (NM)  
 2:07.48 \*Disa Lewis (Rice)  
 -Jo Ann Dohanich (N Tx)  
 2:07.62 \*Sue Frederick (MI)  
 2:07.6 \*Linda Portask (Tn)  
 Sheila Ralston (WAC)  
 & Carolaine Mitchell (Ma HS)  
 2:07.86 \*Terry Ploil (Penn St)  
 2:07.8 -Rochelle Collins (UTEP)  
 (50)

2:07.9 Deborah Robertson (DCI)  
 2:08.00 Doreen Best (NY HS)  
 2:08.0 \*Susan Gregg (Wa)  
 \*Sandra Gregg (Wa)  
 2:08.10\* Maryann Brunner (WI)  
 2:08.18 Michelle Taylor (Ca HS)  
 2:08.24 Stacey Zartler (Tx HS)

2:08.2\*\*\*Donna Curtis (USC)  
 Bobbie McGee (NJ HS)  
 2:08.35\*\*Kim Kelly (Va)  
 (60)  
 2:08.36 -Andrea Marek (Pur)  
 2:08.37\*\*Sharon Dabney (CSLA)  
 2:08.4 \*Donna Campbell (FI)  
 2:08.53\*\*St. Dorcas Turner (De St)  
 2:08.591 \*Sue Spalholz (WI)  
 (2:08.5)

Resident Foreigners:  
 2:01.73 Yvonne Hannus (STC-Fin)  
 2:02.08 -Dor. Lambelet (Corn-Swi)  
 2:03.70\*\*Ranza Clark (Or-Can)  
 2:04.08\*\*Cathy Ratray (Tn-Jam)  
 2:04.77 -Regina Dramiga (NM-Uga)  
 2:04.811\*\*Jo White (Rich-Gb)  
 2:05.57 \*Monica Joyce (SD-Ire)  
 2:06.21 \*Marie Simonsson (Dra-Swe)  
 2:06.2 \*\*Revah Knight (Gram-Jam)  
 2:07.20 Lai Lih Jiau (SCRR-Tai)  
 2:07.48 -Maur. Houghton (Ok-Can)  
 2:08.22 \*Rose Thomson (WI-Ken)

### 1000 METERS

(W-2:30.6; A-2:37.3; C-2:39.3)  
 2:41.22 Cindy Bremser (WU)  
 2:42.6 Mary Tabb (AW)  
 2:43.1 Tabb  
 2:44.8 \*Leann Warren (Or)  
 2:48.4 \*\*Mary Hanlon (Cal)  
 2:49.3 Bremser  
 2:49.451 -Mary Herlihy (Har)  
 2:49.6 Francie Larrieu (NBTC)  
 2:49.7 Tabb  
 (2:50.0)

Resident Foreigners:  
 2:41.24 Wendy Smith (BRT-GB)  
 2:44.34\*\*Ranza Clark (Or-Can)  
 2:46.05 -Dorl. Lambelet (Corn-Swi)  
 2:46.3 \*Regina Joyce (Wa-Ire)  
 2:47.4 \*Monica Joyce (SD-Ire)

### 1500 METERS

(W-3:52.47; A-3:59.43; C-  
 4:05.88; WJ-4:06.02; AJ-4:16.8  
 †=1600y x 102.53%  
 4:01.7 Mary Tabb (AW)  
 4:03.01 Tabb  
 4:03.37 Tabb  
 4:03.61 Tabb  
 4:05.6 Tabb  
 4:05.76 Cindy Bremser (WU)  
 4:05.88 \*Leann Warren (Or)  
 4:06.11 Tabb  
 4:08.321 Tabb  
 4:09.03 Sue Addison (OTC)  
 4:11.10 Francie Larrieu (NBTC)  
 4:11.7 Maggie Keyes (AW)  
 4:12.85 Darlene Beckford (LAC)  
 4:13.0 Cathie Twomey (AW)  
 4:13.3 Brenda Webb (AW)  
 4:14.00 \*Michele Bush (UCLA)  
 (10)

4:14.94\*\*\*Kathy Hayes (Or)  
 4:15.50 Joan Hansen (AW)  
 4:16.07 \*Linda Goen (UCLA)  
 4:16.27\*\*Kellie Cathey (Ok)  
 4:16.4\*\*\*Lesley Welch (Va)  
 4:16.5 \*\*Jill Haworth (Va)  
 4:16.6 Kim Gallagher (Pa HS)  
 4:16.8 Polly Plumer (Ca HS)  
 4:17.03 \*Sue Frederick (MI)  
 4:17.2\*\*\*Ceci Hopp (Stan)  
 (20)

4:17.44 Jan Merrill (AGAA)  
 4:17.6\*\*\*Lisa Welch (Va)  
 4:18.1 \*\*Sue Girard (NCSt)  
 4:18.2. Sheila Ralston (WAC)  
 4:18.97 \*Linda Portask (Tn)  
 4:19.53 -Andrea Marek (Pur)  
 4:19.85 -Eileen Kraemer (SLO)  
 4:19.86\*\*Amy Harper (SLO)  
 4:19.91 -Patty Murnane (Penn St)  
 4:20.1\*\*\*Claudette Groenendaal (Or)  
 (30)

4:17.44 Jan Merrill (AGAA)  
 4:17.6\*\*\*Lisa Welch (Va)  
 4:18.1 \*\*Sue Girard (NCSt)  
 4:18.2. Sheila Ralston (WAC)  
 4:18.97 \*Linda Portask (Tn)  
 4:19.53 -Andrea Marek (Pur)  
 4:19.85 -Eileen Kraemer (SLO)  
 4:19.86\*\*Amy Harper (SLO)  
 4:19.91 -Patty Murnane (Penn St)  
 4:20.1\*\*\*Claudette Groenendaal (Or)  
 (30)

4:20.6 \*\*PattiSue Plumer (Stan)  
 4:21.01\*\*\*Jonny Stricker (Har)  
 4:21.40\*\*Joetta Clark (Tn)  
 4:21.66\*\*Margaret Spotts (Cal)  
 4:21.88\*\*Tara Arnold (Tx)  
 4:21.8 Margaret Groos (Nika)  
 4:22.0 -Kay Stormo (Ia)  
 4:22.4 Michelle Hopper (MTC)  
 \*Disa Lewis (Rice)  
 4:22.50 \*Ann Pawe (MI St)  
 (40)

4:22.5 Vickie Cook (Ca HS)  
 4:22.8 Julie Shea (AW)  
 4:23.0 \*\*Marisa Schmitt (Va)  
 4:23.20 -Mary Herlihy (Har)  
 4:23.22 -Joy Hansen (Az)  
 4:23.2 Christine Curtin (NY HS)  
 4:23.37 Michelle Rowen (NJ HS)  
 4:23.38 \*Anthea James (Az)  
 4:23.5 -Alice Trumbly (Cal)  
 4:23.8 -Nancy Scardina (NH)  
 (50)

& Diana Richburg (NY HS)  
 4:23.9 \*Pat Walker (Md)  
 4:24.0 Kim Roth (Or HS)  
 4:24.16 -Wren Schafer (Ia St)  
 4:24.2 \*\*Sande Cullinane (NC St)  
 4:24.3 Debbie Eide (OTC)  
 4:24.88 Joan Benoit (AW)  
 4:24.90\*\*Andrea Fischer (Mo)  
 4:25.0 \*Karen Drake (Or)  
 4:25.1 Dobra Pavik (Ms AC)  
 (60)

4:25.6 \*\*Joan Nesbit (NC)  
 4:26.20\*\*Kathy Bryant (Tn)  
 4:26.2 \*\*Doreen Startare (PennSt)  
 4:26.46\*\*Sara Stricker (Nb)  
 4:26.71\*\*Becky Cotta (Pur)  
 4:26.7 \*Kim Schnurpfeil (Stan)  
 Missy Kane (KTC)  
 4:27.14\*\*Linda Detlefsen (Ga)  
 4:27.46\*\*Rosa Gutierrez (Or)  
 4:27.58 Juanita Wilson (Tx HS)  
 (70)

4:27.5 \*Sandra Gregg (Wa)  
 4:27.64 Debbie Vetter (Az TC)  
 4:27.65 \*Laura Koterba (CSLB)  
 4:27.76 \*Veegge Eisen (Il)  
 4:27.8 Tina Allen (Ca HS)  
 Ellen Schlotter (Or HS)  
 Jessica Spies (Ca HS)  
 4:28.01 Kristin Perini (Ma HS)  
 4:28.0 Carol Urish (HH)  
 (4:28.0)

### Resident Foreigners:

4:06.69 \*Monica Joyce (S DI-Ire)  
 4:12.67 Lorraine Moller (NBTC-NZ)  
 4:14.18 Wendy Smith (BRT-GB)  
 4:14.5 \*\*Regina Joyce (Wa-Ire)  
 4:15.07\*\*Jo White (Rich-Gb)  
 4:16.82\*\*Eva Ernstrom (SD-Swe)  
 4:17.28 -Lynn Kanuka (SD-Can)  
 4:18.78 \*Rose Thomson (WI-Ken)  
 4:19.14\*\*Bernadette Madigan (Ky-GB)  
 4:19.67\*\*Dor. Rasmussen (IaSt-Den)  
 4:19.6 \*\*Mar. Coomber (FIS-GB)  
 4:20.2 -Dorl. Lambelet (Corn-Swi)  
 4:21.9 \*\*Kerry Robinson (Clem-GB)  
 4:24.19 \*\*Milde Hamrin (Lam-Swe)  
 4:24.79\*\*Ranza Clark (Or-Can)  
 4:25.29 -Debbie Schulte (Prin-Can)  
 4:25.43\*\*Mary J Barrett (Har-Can)  
 4:25.55 Christine Rose (VAC-GB)  
 4:25.7 -Bev Cox (FI St-Can)  
 4:27.40\*\*Kate Wiley (Har-Can)

### MILE

(W-4:17.44; A-4:18.08; C-  
 4:30.36; AJ-4:35.24)  
 †=1600 x 100.58%  
 4:18.08 Mary Tabb (AW)  
 4:20.51 Tabb  
 4:21.46 Tabb  
 4:21.471 Tabb  
 4:23.2 Tabb  
 4:24.61 Tabb  
 4:29.21 Cindy Bremser (WU)

4:30.091 Tabb  
 4:30.95 Francie Larriau (NBTC)  
 4:31.26 Brenda Webb (AW)  
 4:31.52 Maggie Keyes (AW)  
 4:32.07 Cathie Twomey (AW)  
 4:33.261 \*Lynn Warren (Or)  
 4:33.91 Joan Hansen (AW)  
 4:34.11 Sue Addison (OTC)  
 4:34.32 \*Jill Haworth (Va)  
 (10)  
 4:35.24 Polly Plumer (Ca HS)  
 4:35.56\*\* \*Lesley Welch (Va)  
 4:36.171 Jan Merrill (AGAA)  
 4:36.52 \*Michele Bush (UCLA)  
 4:36.5\*\* \*Ceci Hopp (Stan)  
 4:36.75 \*Linda Goen (UCLA)  
 4:36.94 Kim Gallagher (Pa HS)  
 4:37.561 \*Darlene Beckford (Har)  
 4:38.38\*\* \*Sue Girard (NC St)  
 4:39.62 Sheila Ralston (WAC)  
 (20)  
 4:39.77 -Andrea Marek (Pur)  
 4:41.511 \*Patty Murnane (Penn St)  
 4:41.51 \*Ann Pewe (Mi St)  
 4:41.96\*\* \*Lisa Welch (Va)  
 4:42.0 Vickie Cook (Ca HS)  
 4:42.301 \*Linda Portasik (Tn)  
 4:42.3 Debbie Eide (OTC)  
 4:42.65 Julie Shea (AW)  
 4:43.1 Christine Curtin (NY HS)  
 4:44.321\*\* \*Jenny Stricker (Har)  
 (30)  
 4:44.331\*\* \*Marisa Schmitt (Va)  
 4:44.3 Michelle Rowen (NJ HS)  
 4:44.51\*\* \*Sande Cullinane (NC St)  
 4:44.57 Missy Kane (KTC)  
 4:44.94\*\* \*Doreen Startare (Penn St)  
 4:45.2 \*Eryn Forbes (Or)  
 4:46.02 Margaret Groos (Nike)  
 4:46.141 Denise Ball (Ca HS)  
 4:46.801\*\* \*Kellie Cathey (Ok)  
 4:46.88 Diana Richburg (NY HS)  
 (40)  
 4:47.0 Jessica Spies (Ca HS)  
 4:47.131 Tina Allen (Ca HS)  
 4:47.88 Liz Natale (Ma HS)  
 4:47.91\*\* \*Andrea Fischer (Mo)  
 4:48.08 Kristin Perini (Ma HS)  
 4:48.201 \*Pat Walker (Md)  
 4:48.3 Connie Jo Robinson (OhHS)  
 4:48.6\*\* \*Rosa Gutierrez (Or)  
 4:48.8 Michelle Hopper (MTC)  
 4:49.62i -Mary Herlihy (Har)  
 (4:50.0)

**2000 METERS**  
 (W-5:35.5; A-5:38.9; C-5:43.96)  
 †=1¼M x 99.42%  
 5:38.9 Mary Tabb (AW)  
 5:49.11i Tabb  
 5:52.7 Jan Merrill (AGAA)  
 5:56.4 Merrill  
 5:58.81i Francie Larriau (NBTC)  
 5:59.21 Brenda Webb (AW)  
 5:59.81i Margaret Groos (Nike)  
 6:00.21i Joan Hansen (AW)  
 6:01.6 Cathie Twomey (AW)  
 6:02.1 Julie Shea (AW)  
 6:02.7 \*Eryn Forbes (Or)  
 6:03.0 Debbie Eide (OTC)  
 (10)  
 6:03.6 Maggie Keyes (AW)  
 \*\*PattiSue Plumer (Stan)  
 6:03.8\*\* \*Lesley Welch (Va)  
 \*\*Ceci Hopp (Stan)

6:03.9\*\* \*Rosa Gutierrez (Or)  
 6:04.1 Cindy Bramser (WU)  
 (6:05.0)  
 Resident Foreigners:  
 5:42.15 Wendy Smith (BRT-GB)  
 5:43.96 \*Monica Joyce (SDI-Ire)  
 5:50.03 -Lynn Kanuka (SDI-Can)  
 5:53.9 Joyce (VP)  
 5:56.4 \*\*Regina Joyce (Wa-Ire)  
 5:57.58\*\* \*Eva Ernstrom (SDI-Swe)  
 6:04.9 \*\*Dor. Rasmussen (IaSt-Den)

**3000 METERS**  
 (W-8:26.78; A-8:29.71; C-8:53.24; WJ-8:56.03; AJ-9:08.6)  
 †=2 miles x 92.6%  
 #=3200m x 100.58% x 92.6%  
 8:29.71 Mary Tabb (AW)  
 8:47.31 Tabb  
 8:47.95 Jan Merrill (AGAA)  
 8:51.11 Cindy Bramser (WV)  
 8:51.95 Merrill  
 8:52.03 Francie Larriau (NBTC)  
 8:54.331i Joan Hansen (AW)  
 8:54.901i Brenda Webb (AW)  
 8:54.911i Margaret Groos (Nike)  
 8:54.97 Webb  
 8:55.38\*\* \*Kathy Hayes (Or)  
 8:55.98\*\* \*PattiSue Plumer (Stan)  
 8:56.38 Maggie Keyes (AW)  
 (10)  
 8:57.27\*\* \*Ceci Hopp (Stan)  
 8:58.0 Cathie Twomey (AW)  
 9:05.7 Julie Shea (AW)  
 9:06.7 Debbie Eide (OTC)  
 9:07.5 \*Eryn Forbes (Or)  
 9:08.58 \*Ann Pewe (Mi St)  
 9:09.54\*\* \*Lesley Welch (Va)  
 9:09.6\*\* \*Andrea Fischer (Mo)  
 9:10.75\*\* \*Rosa Gutierrez (Or)  
 9:11.17\*\* \*Kathy Bryant (Tn)  
 (20)  
 9:11.631i\*\* \*Lisa Welch (Va)  
 9:11.99 Mary Schilly (MS)  
 9:12.971i\*\* \*Kellie Cathey (Ok)  
 9:14.02 \*Leann Warren (Or)  
 9:14.19\*\* \*Sue Girard (NC St)  
 9:14.38 -Andrea Marek (Pur)  
 9:14.931i \*Melanie Weaver (Mi)  
 9:17.20\*\* \*Margaret Wynne (Yale)  
 9:17.311i \*Alleen O'Connor (Va)  
 9:17.941i\*\* \*Nan Doak (Ia)  
 (30)  
 9:18.0\*\* \*Cathy Branta (Wi)  
 9:18.591i \*Martha White (Va)  
 9:21.731i\*\* \*Karen Campbell (Mi St)  
 9:24.53\*\* \*Sande Cullinane (NC St)  
 9:24.61 Eleanor Simonsick (unat)  
 9:25.72 Christine Curtin (NY HS)  
 9:25.82 -Joy Hansen (Az)  
 9:25.84 Lynne Strauss (Pa HS)  
 9:26.23 Vickie Cook (Ca HS)  
 9:26.3# Patty Matava (Wa HS)  
 (40)  
 9:26.50 Katie Ishmael (Wi HS)  
 9:26.5\*\* \*Stephanie Weikert (Clem)  
 9:27.19 Doreen Ennis (WSSAC)  
 9:27.4i Laura Craven (Oh HS)  
 9:27.58 Liz Natale (Ma HS)  
 9:27.62 \*Lisa Larsen (Mi)  
 9:27.83 \*Kim Schnurpfeil (Stan)  
 9:27.81 \*Michele Bush (UCLA)  
 9:28.21\*\* \*Marisa Schmitt (Va)  
 9:28.5 Missy Kane (KTC)  
 (50)  
 9:29.0 \*Linda Portasik (Tn)  
 (9:30.0)

Resident Foreigners:  
 8:45.53 Anne Audain (Phid-NZ)  
 8:46.01 Wendy Smith (BRT-GB)  
 8:48.47 Smith  
 8:53.24 \*Monica Joyce (S Di-Ire)  
 8:55.05\*\* \*Regina Joyce (Wa-Ire)  
 8:55.76 Lorraine Moller (NBTC-NZ)  
 8:58.44\*\* \*Eva Ernstrom (SDI-Swe)  
 9:02.01 \*Midde Hamrin (LAM-Swe)  
 9:05.65\*\* \*Kerry Robinson (Clem-GB)  
 9:12.65\*\* \*Dor. Rasmussen (IaSt-Den)

9:13.3 -Lynn Kanuka (SDI-Can)  
 9:13.961i\*\* \*Bern. Madigan (Ky-GB)  
 9:19.141 \*Pia Palladino (GTN-Ita)  
 9:20.011i Liz Hjalmarsson (Dra-Swe)  
 9:20.0 \*Wendy Van Mierlo (II St-Can)  
 9:25.02\*\* \*Judith Shepherd (Clem-GB)  
 9:25.08\*\* Jo White (Rich-GB)

**5000 METERS**  
 (W, A-15:08.26; C-15:35.52; WJ-15:38.29; AJ-16:34.7)  
 †=3 miles x 103.6%  
 15:08.26 Mary Tabb (AW)  
 15:33.50 Maggie Keyes (AW)  
 15:34.3 Brenda Webb (AW)  
 15:34.44 Keyes  
 15:37.01 \*Eryn Forbes (Or)  
 15:37.73\*\* \*Kathy Bryant (Tn)  
 15:38.12\*\* \*Kathy Hayes (Or)  
 15:40.42 Joan Benoit (AW)  
 15:43.46 Debbie Eide (OTC)  
 15:44.76 Hayes  
 15:51.541i\*\* \*Kellie Cathey (Ok)  
 15:51.5 Francie Larriau (NBTC)  
 (10)  
 15:52.54 Julie Shea (AW)  
 15:58.561i \*Martha White (Va)  
 16:00.1 Carol Urish (HH)  
 16:00.931i\*\* \*Nan Doak (Ia)  
 16:01.88 Marty Cooksey (AW)  
 16:02.6 Joan Hansen (AW)  
 16:08.191i\*\* \*Lesley Welch (Va)  
 16:13.0 \*Kim Schnurpfeil (Stan)  
 16:19.1 Nancy Conz (NBTC)  
 16:22.6i \*Melanie Weaver (Mi)  
 (20)  
 16:23.0 \*\*Sue Girard (NC St)  
 16:23.741i\*\* \*Karen Campbell (Mi St)  
 16:24.051i \*Jill Molen (Ut)  
 16:24.0\*\* \*Michelle Mason (Stan)  
 16:24.21 Cathie Twomey (AW)  
 16:24.3\*\* \*Ceci Hopp (Stan)  
 16:25.5 Mary Schilly (MS)  
 16:25.61i -Alanna McCarthy (Pur)  
 \*\*Janell Nealey (BYU)  
 16:26.38 \*Jan Oehm (Az)  
 (30)  
 16:27.7 \*\*Ellen Lyons (Stan)  
 16:28.311i\*\* \*Diane Bussa (Mi St)  
 16:28.3\*\* \*Deirdre Hathhorn (Mt)  
 16:29.0\*\* \*Sherrie Crang (Id)  
 16:30.6 -Bridgette Baker (Mt)  
 16:32.20\*\* \*Rosa Gutierrez (Or)  
 16:33.32 -Joy Hansen (Az)  
 16:34.66 \*\*Jennifer Briscoe (Clem)  
 16:34.901i -Darren Andreu (FI St)  
 16:34.9\*\* \*Cathy Branta (Wi)  
 (16:35.0)

Resident Foreigners:  
 15:13.22 Anne Audain (Phid-NZ)  
 15:35.60\*\* \*Regina Joyce (Wa-Ire)  
 15:36.41 \*Midde Hamrin (Lam-Swe)  
 15:40.23 Lorraine Moller (NBTC-NZ)  
 15:45.26 \*Monica Joyce (S Di-Ire)  
 15:46.37\*\* \*Eva Ernstrom (S Di-Swe)  
 15:59.2 -Lynn Kanuka (S Di-Can)  
 15:59.71\*\* \*Dor. Rasmussen (Ia St-Den)  
 16:12.81 \*\*Wen. Van Mierlo (II St-Can)  
 16:13.5\*\* \*Carey May (BYU-Ire)  
 16:22.811i \*Patsy Sharples (Id-SA)  
 16:23.08\*\* \*Kate Wiley (Har-Can)  
 16:23.17 Glenys Quick (MS-NZ)  
 16:25.01\*\* \*Kim Bird (E Tn-Can)  
 16:28.98 \*Liz Hjalmarsson (Dra-Swe)  
 16:29.9 -Karen Petley (Wa-NZ)

**10,000 METERS**  
 (W, A-31:35.3; C-32:52.7; WJ-32:48.1; AJ-34:54.8)  
 31:35.3 Mary Tabb (AW)  
 32:22.5 \*\*Kellie Cathey (Ok)  
 32:30.8 Joan Benoit (AW)  
 33:06.09 \*\*Kim Schnurpfeil (Stan)  
 33:14.6 Debbie Eide (OTC)  
 33:16.20 Cathie  
 33:25.88 Schnurpfeil  
 33:28.1 Brenda Webb (AW)  
 33:31.7 \*Eryn Forbes (Or)

33:36.51(A) Schnurpfeil  
 33:38.74 Julie Shea (AW)  
 33:48.11\*\* \*Michelle Mason (Stan)  
 33:48.1 \*Jill Molen (Ut)  
 (10)  
 33:57.2 \*Michele Bush (UCLA)  
 34:00.59 Carol Urish (HH)  
 34:07.6\*\* \*Ann Locke (Stan)  
 34:09.4 \*\*Ellen Lyons (Stan)  
 34:12.97 Sue King (NBTC)  
 34:15.50 \*Jan Oehm (Az)  
 34:15.5 Linda McLennan (LN)  
 34:16.1 \*Aileen O'Connor (Va)  
 34:24.8 Marty Cooksey (AW)  
 34:25.70 \*Lisa Larsen (Mi)  
 (20)  
 34:33.7 Doreen Ennis (WSSAC)  
 34:35.9 Eleanor Simonsick (unat)  
 34:40.1 Mary Shea (unat)  
 34:42.5 \*Colleen Casey (Tren)  
 34:42.8 \*Diane Bussa (Mi St)  
 34:44.4 -Liz Baker (S Di)  
 34:44.7 \*Jill Washburn (Mi St)  
 34:46.5\*\* \*Beth Farmer (Fi)  
 34:49.0 -Marianne Dickerson (II)  
 34:49.6 \*Irene Crowley (SLO)  
 (30)  
 34:50.6\*\* \*Susan Baxter (Tn)  
 34:52.12\*\* \*Eliza Carney (Az)  
 34:55.1 \*Debra Chaddock (S Di)  
 34:59.0 \*Christine Reid (Wn II)  
 35:01.4\*\* \*Jenny Spangler (Ia)  
 35:06.38\*\* \*Audrey Stavrun (SD St)  
 35:07.33 -Maria Trujillo (Az St)  
 35:07.51\*\* \*Marilee Matheny (Tx AM)  
 35:13.8 \*\*Karen Dunn (NH)  
 35:14.21 \*\*Melanie Weaver (Mi)  
 (40)  
 35:17.82 -Maria Tilman (Ar)  
 35:18.27 \*Dottie Meyers (S Pac)  
 35:19.4 Marilyn Taylor (WVTC)  
 35:24.20\*\* \*Francine Sandoval (Ia St)  
 35:24.56 -Bridgette Baker (Mt)  
 (35:30.0)

Resident Foreigners:  
 33:37.7 \*Midde Hamrin (Lam-Swe)  
 33:57.88 \*Patsy Sharples (Id-SA)  
 34:02.9 Glenys Quick (MS-NZ)  
 34:12.4 -Karen Petley (Wa-NZ)  
 34:28.9 \*Liz Hjalmarsson (Dra-Swe)  
 34:43.4\*\* \*Carey May (BYU-Ire)  
 34:53.8 \*\*Kim Bird (E Tn-Can)  
**100 HURDLES** (W-12.36; A-12.79; C-12.86; WJ, AJ-12.95)  
 12.79 Stephanie Hightower (LAN)  
 12.85 Hightower  
 12.86 Hightower  
 Hightower  
 12.87 Hightower  
 12.89 \*\*Candy Young (FD)  
 Young  
 12.92 \*Benita Fitzgerald (Tn)  
 12.93 Hightower  
 12.94 Young  
 13.01 Pam Page (LAN)  
 13.09 \*Kim Turner (UTEF)  
 13.29 \*Lori Dinello (Fi)  
 13.40(A) Gayle Watkins (CA)  
 13.42(A) -Tonja Brown (Fi St)  
 13.51 \*Lori Smith (SDI)  
 13.55\*\* \*Carol Lewis (Hous)  
 (10)  
 13.57(A)\* Janet Yarbrough (SLO)  
 13.60\*\* \*Carolyn Faison (Fi St)  
 13.63\*\* \*Rhonda Blanford (Nb)  
 13.65\*\* \*Lorna Russell (Pur)  
 13.69 Linda Weekly (Atoms)  
 13.70 Jane Frederick (AW)  
 13.71\*\* \*Barbara Scott (Al)  
 13.72 Marlene Harmon (LAN)  
 13.73 -Joanne Arnold (A Peay)  
 13.75\*\* \*Eugenia Perkins (Tx Sn)  
 (20)  
 (A)\*\* \*Clara Hairston (Aub)  
 13.77\*\* \*Anthea Johnson (Jack)  
 13.81 Jackie Washington (LAN)  
 \*\*Jackie Joyner (UCLA)



13.84 \*\*\*Sherifa Sanders (Ok)  
 13.85 \*\*Kathy Freeman (Sn)  
 13.86 -Kris Costello (Or)  
 13.87 -Linda Bourn (SDi)  
 -Dan. Onyemelukwe(Wn II)  
 13.88 \*Lexie Miller (Or)  
 (30)  
 \*\*\* Laura Lim (Az)  
 13.90 \*\*\* Lisa Jones (Tn St)  
 \*\*Tonya Lowe (Ky)  
 13.91 \*\*Rhonda Scott (Sn)  
 13.95 \*\*Maria Williams (Pur)  
 -Antoninette Jackson (Oh St)  
 (A)\*\* Jacqui Sedwick (Mi St)  
 Arnita Epps (Va HS)  
 13.98 \*Angela Carson (SC St)  
 -Kathy Borgwarth (Wi)  
 (40)  
 \*Delores Gibbs (LIU)  
 13.99 \*\*Kelley Mathews (Ia St)  
 14.01 \*\*Darlene Grant (SC St)  
 \*\*Pat Lavallias (Hous)  
 14.02 \*\*Kim Whitehead (Morg)  
 14.04 ?Linda Dowdy (SWn Mi CC)  
 14.05 Maureen Magee (LAM)  
 \*Sonya Crowther (Or St)  
 \*Robin Marks (Az)  
 (14.05)  
 Resident Foreigners:  
 13.76(A) \*Gina Temprow (En Mi-Bar)  
 14.00 -Maur. Prendergast(LIU-GB)

Hand-timing:  
 12.8 Kim Turner  
 13.4 Rhonda Scott  
 13.6 Kathy Freeman  
 13.7 \*Terri Walters (Tx Sn)  
 \*\*Shiri Milton (Sac CC)  
 Kim Whitehead  
 13.8 \*\*Kay Garnett (Bell CC)  
 Wind-aided auto-timing:  
 13.54 Karen Cannon (unat)  
 13.71 Arnita Epps  
 13.82 Jacqui Sedwick  
 13.89 \*Kathy Klaehn (Ky)  
 Kay Garnett  
 13.91(A) Robin Marks  
 \*\*Connie McKernan (Ks)  
 13.97 -Stella Edwinston (BYU)  
 14.03 \*\*\*Val Flemmings (UNLV)  
 \*\*Kellie Gaines (Marin CC)  
 Wind-aided hand-timing:  
 13.7 Pat Lavallias  
 13.8(A)\*\*\*Konnie Mackey (Co St)

**400 HURDLES**  
 (W-54.28; A-56.16; C-56.40; WJ-56.41; AJ-58.18  
 +=400 hand + 0.14  
 56.28 Tammy Etienne (MS)  
 56.33 Etienne  
 56.36(A) Etienne  
 56.46(A) -Tonja Brown (FI St)  
 (A) -Edna Brown (Tem)  
 56.55 Etienne  
 56.56 Etienne  
 56.67 Etienne  
 56.74 E. Brown  
 56.80 E. Brown  
 57.80 \*Judi Brown (Mi St)  
 57.84+ -Colleen Williams (Id)  
 57.86 -Pat Melton (Yale)  
 57.91 \*\*Robin Marks (Az)  
 57.93 \*\*Kim Whitehead (Morg)  
 58.16 -Val Morgan (Ga)  
 58.18 Gayle Kellon (Ca HS)  
 (10)  
 58.21(A)\*\*\*Faye Paige (CSLB)  
 58.23 \*\*Sharrieffa Barksdale (Tn)  
 58.40(A)\*\*Lynn Gamble (PV)  
 58.45(A)\*\*Tammie Hart (Penn St)  
 58.48 Marlene Harmon (LAN)  
 58.59 Debbie Esser (AM TC)  
 58.65 \*\*\*Barbara Scott (Al)  
 58.84+ \*Lori McCauley (Rut)  
 + \*Lexie Miller (Or)  
 59.09 -Ellen Smith (Tx AM)  
 (20)

59.24+ Karen Woods (Md HS)  
 59.25 \*\*\*Konnie Mackey (Co St)  
 59.28 -Stella Edwinston (BYU)  
 59.31(A)\*\*\*Angela Williams (Hi)  
 59.40 \*\*Kathy Freeman (SN)  
 \*\*Kelley Mathews (Ia St)  
 59.49 \*\*Karen Hatchett (Va)  
 59.54+ \*\*Pat Bradley (Vill)  
 59.55 \*Sally Andersen (Prin)  
 59.64+ \*\*Candy Young (FD)  
 (30)  
 59.67 \*\*Joetta Clark (Tn)  
 59.70 \*\*Rachael Clary (Hous)  
 59.83 \*\*\*Esther Mahr (Md)  
 59.84+ \*\*Piper Bressant (FI)  
 59.99+ \*\*Paula Payne (Mt St)  
 60.07 \*Brenda Peterson (UCLA)  
 60.17 \*\*Lisa Nicholson (Or)  
 60.22 Teresa Hoyle (MS)  
 60.32 \*\*Janet Fluker (Aub)  
 60.34+ -Susan Seabers (FI)  
 (40)  
 60.36 \*Chris Davenport (Ia)  
 Debbie DaCosta (FI HS)  
 60.38 \*\*Kim Hatchett (Va)  
 \*\*\*Tracy Nelson (Tn)  
 60.44 Jill Lancaster (Ok TC)  
 +\*\*\*Angie Sibby (Ms V)  
 60.47 \*\*\*Leisa Davis (Linc)  
 (60.50)  
 Resident Foreigners:  
 57.54+ Sandra Farmer (LAN-Jam)  
 58.20 \*Dana Wright (O Dom-Can)  
 58.74+ -Maur. Prendergast (LIU-GB)  
 59.06 -Stephanie Vega (Brook-PR)  
 59.80 \*\*\*Nicole Ali (Nb-Can)  
 60.26 Lai Lih Jiau (SCRR-Tai)  
 60.46 \*\*\*Chris McKay (FI St-Can)

**4 x 100 METERS** (W-41.60;  
 A-42.29; C-43.67; WJ-43.77;  
 AJ-44.07)  
 †=4 x 100 hand + 0.14  
 42.29 National Team  
 42.47 National Team  
 43.26 USOC West  
 43.30 National Team  
 43.41(A) USOC South  
 43.45 Wilt's AC  
 43.54(A) USOC South  
 43.60 Wilt's AC  
 (A) USOC South  
 43.67(A) Nebraska  
 43.73(A) Florida State  
 LA Naturite  
 43.76 USOC North  
 43.77(A) USOC East  
 43.86 UCLA  
 (10)  
 44.07 National Junior Team  
 44.27(A) Cal State Los Angeles  
 44.36(A) Tennessee  
 44.38 Atoms TC  
 44.49(A) Prairie View A&M  
 44.60 Tennessee State TC  
 44.68(A) Houston  
 45.00(A) UTEP  
 45.02 Coast Athletics  
 45.03 DC International  
 (20)  
 45.08 Ms AC  
 45.14 Cal Poly/SLO  
 45.22 SoCal Cheetahs  
 (A) San Diego State  
 45.28 South Carolina State  
 45.34+ Arizona State  
 45.39 Alabama A&M  
 45.40(A) UNLV  
 45.42 LA Dorsey (Ca) HS  
 45.57 Tennessee State  
 (30)  
 45.60 LA Mercurettes Juniors  
 45.61 Arizona  
 45.62 Texas Southern  
 45.63 SoCal Cheetahs Juniors  
 45.64+ Jackson State  
 45.69 Morgan State  
 Cal State Bakersfield

LA Mercurettes  
 45.77 Cal State Northridge  
 45.82 Cal State Sacramento  
 (40)  
 45.99 Michigan  
 (46.00)

**4 x 200 METERS** (W-1:28.15;  
 A-1:32.6; C-1:33.40; WJ-1:36.9y;  
 AJ-1:36.9y  
 †=4 x 220 x 99.42%  
 1:33.75 Wilt's AC  
 1:34.7† Florida State  
 1:35.2 Prairie View A&M  
 1:35.5 Morgan State  
 1:36.4† New Image TC Juniors  
 1:37.11 South Carolina State  
 1:37.14†i Nebraska  
 1:37.15†i Nebraska  
 1:37.27†i Morgan State  
 1:37.2 Berkeley (Ca) HS  
 1:37.5†i Coast Athletics  
 1:37.63†i(A) Arizona  
 (10)  
 1:37.6 Texas Southern  
 1:37.78 LA Naturite TC  
 1:37.85† DC International  
 1:37.9 Southern  
 1:38.14†i(A) UNLV  
 1:38.34 Cal Poly/SLO  
 1:38.43 Cal State Bakersfield  
 1:38.4 Atoms TC  
 1:38.59 Arizona State  
 1:38.5 Houston Smiley (Tx) HS  
 (20)  
 1:38.66 St. Augustine's  
 1:38.8† Alabama A&M  
 1:39.1 LA Manual Arts (Ca) HS  
 1:39.24†i Temple  
 1:39.27†i Houston  
 1:39.3†i Tennessee State  
 1:39.4 Northeast Louisiana  
 1:39.5†i Tennessee State TC  
 1:39.74 Seattle Garfield (Wa) HS  
 1:39.7 Amarillo Tascosa (Tx) HS  
 (30)  
 1:39.84 LaMarque (Tx) HS  
 1:39.8†i Kansas  
 Chicago S S (IL) HS  
 1:39.94†i Ms AC  
 1:39.98 Florida A&M  
 1:39.9†i Oklahoma  
 Philadelphia King (Pa HS)  
 1:40.0† Indianola Gentry (Ms) HS  
 Tacoma C P (Wa) HS  
 Detroit Chadsey (Mi) HS  
 (1:40.0)

**4 x 400 METERS** (W-3:19.05;  
 A-3:22.81; C-3:28.55; WJ-3:30.39;  
 AJ-3:34.68)  
 †=4 x 440 x 99.42%  
 3:23.13 National Team  
 3:25.02 National Team  
 3:28.07 National Team  
 3:28.55(A) Tennessee  
 3:28.68 LA Naturite  
 3:28.70(A) Florida State  
 3:29.37 USOC East  
 3:30.34 USOC West  
 3:30.44(A) UCLA  
 3:31.39(A) Tennessee  
 3:31.62 Atoms TC  
 3:32.52 USOC South  
 3:33.81(A) Prairie View A&M  
 (10)  
 3:34.68 National Junior Team  
 3:34.89 LA Mercurettes  
 3:34.94 USOC North  
 3:34.9 Stanford TC  
 3:37.08 SoCal Cheetahs Juniors  
 3:37.45 Texas Southern  
 3:37.66 Texas  
 3:37.8† DC International  
 3:38.29(A) Howard  
 3:38.44 Houston  
 (20)  
 3:38.68(A) UNLV

3:38.6† Boston International TC  
 3:38.72 Mississippi Valley State  
 BOHAA  
 3:39.08 Morgan State  
 3:39.50† Florida A&M  
 3:39.65 Indiana  
 3:39.72 Virginia  
 3:40.08 California  
 3:40.29 Southern  
 (30)  
 3:40.2† Wilt's AC  
 3:40.57 Iowa State  
 Texas TC  
 3:40.89 Cal Poly/SLO  
 3:40.92 Texas A&M  
 3:40.95(A) Delaware State  
 3:41.11(A) Louisiana State  
 3:41.12 Old Dominion  
 3:41.1 UTEP  
 3:41.34† Arizona  
 (40)  
 (A) Kansas  
 3:41.72 LA Dorsey (Ca HS)  
 3:41.8 Washington  
 † BOHAA Juniors  
 3:41.9†i Tennessee State TC  
 Temple  
 3:42.03 South Carolina State  
 3:42.05 Villanova  
 (3:42.0)

**4 x 800 METERS** (W-7:52.3;  
 A-8:19.9; C-8:32.12; WJ-8:50.8y;  
 AJ-8:50.8y)  
 †=4 x 880 x 99.42%  
 8:22.26 Stanford TC  
 8:26.58 LA Mercurettes  
 8:32.12 Tennessee  
 8:32.13 Virginia  
 8:39.44 Texas  
 8:39.67 Texas  
 8:39.71 Wisconsin  
 8:40.62 Villanova  
 8:42.0† LA Mercurettes  
 8:42.21 Purdue  
 8:42.59 LA Naturite TC  
 8:43.26 Coast Athletics  
 (10)  
 8:43.57 Penn State  
 8:44.20†i Florida State  
 8:45.65 Michigan State  
 8:46.68 Rutgers  
 8:47.30† Atoms TC  
 8:47.53 Illinois  
 8:48.13 San Diego State  
 8:48.24 Arkansas  
 8:49.89 Delaware State  
 8:50.03†i Michigan  
 (20)  
 8:51.36 Indiana  
 8:51.44 Texas Southern  
 8:51.64†i Nebraska  
 8:51.7 Cal Poly/SLO  
 8:52.23† Moorhead State  
 8:53.31 New Mexico  
 8:53.45 Harvard  
 8:53.78 Abilene Christian  
 8:55.3 Georgia  
 8:56.89 Texas A&M  
 (30)  
 8:58.24† Richmond  
 8:58.43 Fort Washington U D (Pa) HS  
 8:58.6 Arizona State  
 8:59.16† Liberty AC Juniors  
 8:59.4† Metroplex Striders Juniors  
 8:59.89† California  
 (9:00.0)

**SPRINT MEDLEY**  
 (W-1:36.79; A-1:36.79;  
 C-1:36.70)  
 †=880 medley x 99.42%  
 (200, 100, 100, 400)  
 1:36.79 Wilt's AC  
 1:37.57 LA Naturite TC  
 1:38.28 Wilt's AC  
 SoCal Cheetahs  
 1:38.7 Nebraska



1:38.85 Prairie View A&M  
 1:38.89 SoCal Cheetahs  
 1:39.32 Prairie View A&M  
 1:39.36 LA Naturite TC  
 1:39.40 Tennessee  
 1:39.46 LA Mercurettes  
 1:39.64 UTEP  
 1:39.69† South Carolina State  
 1:39.71 Texas  
 (10)  
 1:40.2 Missouri  
 1:40.67 Atoms TC  
 1:40.8 UCLA  
 1:40.98 Houston  
 1:41.01 DC International  
 Texas Southern  
 1:41.44 Tennessee State  
 1:41.72 North Texas State  
 1:41.7 Iowa State  
 1:41.94 Ms AC  
 (20)

1:41.9 Florida State  
 1:42.04† Rice  
 1:42.05 Texas A&M  
 1:42.25† Eastern Illinois  
 1:42.29† New Image TC Juniors  
 1:42.42 Arkansas  
 1:42.46† LA Mercurettes Juniors  
 1:42.4 Southern  
 1:42.51 Illinois  
 1:42.55 St. Augustine's  
 (30)  
 1:42.5 Jackson State  
 1:42.66 Mississippi Valley State  
 1:42.91 Eastern Michigan  
 1:42.98 Rutgers  
 1:43.01 Michigan  
 Western Illinois  
 (1:43.0)

**DISTANCE MEDLEY**  
 (W-11:08.7; A-11:08.7;  
 C-11:05.8)  
 †=2½ mile medley x 99.42%  
 (800, 400, 1200, 1600)  
 11:07.5† San Diego State  
 11:12.51 Virginia  
 11:15.45† Virginia  
 11:16.5† Stanford  
 11:17.97† Virginia  
 11:18.22 Tennessee  
 11:22.16† Brigham Young  
 11:25.31† Wisconsin  
 11:25.54† Iowa  
 11:25.98† Richmond  
 11:28.73† Missouri  
 11:28.94† Penn State  
 (10)  
 11:28.97 Florida State  
 11:30.14† Purdue

11:30.21† Iowa State  
 11:31.80† North Carolina State  
 11:33.63 Villanova  
 11:34.6† Cal Poly/SLO  
 11:36.20 Penn  
 11:36.2 Metroplex Striders  
 11:40.51 Georgetown  
 11:44.53 Irvine University (Ca) HS  
 (20)  
 11:44.99† Georgia  
 11:46.8† Michigan  
 11:47.94† Indiana  
 11:50.36† Arkansas  
 11:53.18† Drake  
 11:54.9 Summit (NJ) HS  
 11:55.2 North Carolina  
 11:56.15† Western Illinois  
 11:58.68† State College (Pa) HS  
 11:58.73† North Quincy (Ma) HS  
 (30)

**HIGH JUMP** (W-6-7½; A-6-6; C-6-4½; WJ-6-5; AJ-6-2½)

2.00i 6-6 Coleen Sommer (WAC)  
 1.98 6-6 Sommer  
 1.96i 6-5 Sommer I  
 1.94 6-4 Sommer  
 1.93i 6-4 Louise Ritter (PCC)  
 i Sommer  
 i Sommer I  
 i Sommer I  
 1.92 6-3½ -Phyllis Blunston (CSB)  
 Ritter  
 1.90i 6-2½ Joni Huntley (PCC)  
 1.89 6-2½ Kym Carter (Ks HS)  
 1.88 6-2 \*\*Sue McNeal (SLO)  
 1.87 6-1½ Mary Moore (Wa HS)  
 1.86 6-1½ Cindy Greiner (OTC)  
 1.855i 6-1 \*\*Ellie Hayden (En MI)  
 1.85 6-½ Jane Frederick (AW)  
 (10)  
 i -Yolanda Gibson (Brook)  
 1.84 6-½ -Carolyn Ford (Lam)  
 Camille Harding (Wa HS)  
 1.83i 6-0 -Sharon Burrill (Nb)  
 \*\*\*Jane Clough (Ok)  
 i Sharl Collins (Or HS)  
 (A) \*Sonya Crowther (Or St)  
 \*Frances Daniell (OH)  
 (A) Maggie Garrison (SW)  
 -Cindy Holmes (Az)  
 (20)  
 (A) \*\*\*Wendy Markham (Fl St)  
 Renee Nickles (Ok)  
 Terri Turner (Tx HS)  
 1.81 5-11½ Tonya Alston (WAC)  
 i \*Ann Bair (Va)  
 \*Joanna Bullard (MI)  
 \*Cynthia Gilbert (Ga)  
 -Terri Johnson (AI)  
 \*Helen Ogar (Mo)  
 i \*Peggy Stewart (Vill)  
 (30)  
 1.80 5-11 Lisa Bernhagen (Id HS)  
 -Sue Blake (Or St)  
 Melinda Clark (Tx HS)  
 Katrena Johnson (Ca HS)  
 -Patti Stafford (S Di)  
 \*Carina Westover (Or St)  
 Roberta Willer (Tx HS)  
 5-10½ \*Thea Ackerman (MSM)  
 \*\*Kari Gossweiler (UCLA)  
 \*\*Lisa Greenfield (Co)  
 (40)  
 \*\*Sybil Reddick (Tx Sn)  
 (1.80/5-10½)  
 Resident Foreigners:  
 1.99i 6-6 Debbie Brill (PCC-Can)  
 1.96i 6-5 Brill  
 1.955 Brill  
 1.95i 6-4½ Brill I  
 Brill  
 Brill  
 Brill  
 1.94 6-4½ Brill  
 1.90 6-2½ \*\*\*Charmaine Gale (Az-SA)

1.88(A) 6-2 \*\*\*Sus. Lorentzon (UTEP-Swe)  
 1.86(A) 6-1½ \*\*Disa Gisladdottir (AI-Ice)  
 \*\*Julie White (Bos U-Can)  
 1.84i 6-½ -Maria Zanandrea (BYU-Bra)  
 1.81 5-11½ \*\*Annette Tannander (Co-Swe)  
 1.80 5-10½ \*\*Linda McCurdy (UTEP-Can)  
 \*Maggie Woods (Pur-Can)

**LONG JUMP** (W-23-7½; A-22-11½; C-22-7½; WJ-22-10½; AJ-21-7½)

6.91 22-8 Jodi Anderson (LAN)  
 6.81 22-4½ \*\*\*Carol Lewis (Hous)  
 Lewis  
 6.73 22-1 Lewis  
 6.72 22-¾ Anderson I  
 6.69 21-11½ Lewis I  
 Lewis I  
 6.67 21-10½ Anderson  
 6.66 21-10½ Lewis  
 6.65 21-10 Lewis I  
 Lewis  
 6.61 21-8½ Kathy McMillan (CA)  
 6.57 21-6½ \*Tudie McKnight (Ks)  
 6.56 21-6½ Gwen Loud (CA)  
 6.52 21-4½ -Pat Johnson (Wi)  
 6.44 21-1½ \*\*Jackie Joyner (UCLA)  
 6.43 21-1½ Meledy Smith (Tx HS)  
 \*Veronica Bell (CP/Pom)  
 \*Donna Thomas (N Tx)  
 (10)  
 6.40 21-0 \*\*Kathy Rankins (Ga)  
 \*\*Lori Risenhoover (Adams)  
 6.37i 20-10½ -Evalene Hatcher (Morg)  
 6.35 20-10 -Melba Allen (Hous)  
 -Teri Serrano (UCD)  
 6.34 20-9½ \*\*\*Barbara Scott (AI)  
 6.32 20-9 \*\*Kim Schofield (Fl)  
 6.30 20-8 Wendy Brown (Ca HS)  
 6.29 20-7½ -Becky Kaiser (Il)  
 6.28 20-7½ Marlene Harmon (LAN)  
 (20)  
 6.27 20-7 \*\*Lynn Gamble (PV)  
 -Sharon Moultrie (Tx T)  
 6.25 20-6½ \*Janet Yarbrough (SLO)  
 6.25 20-6 Dorothea Brown (Il HS)  
 6.24 20-5½ \*Gayle Brandon (En Il)  
 6.22 20-5 \*\*Kellee Eubanks (Mo)  
 6.21(A) 20-4½ \*Vivian Riddick (Penn St)  
 6.19i(A) 20-3½ -Pat Davis (Wy)  
 \*Angela Carson (SC St)  
 Lorraine Ray (STC)  
 (30)  
 6.18 20-3½ Jane Frederick (AW)  
 6.17 20-3 Carla Jackson (Tx HS)  
 6.16 20-2½ \*Jeanette Williams (In St)  
 \*Jane Matke (Mn)  
 (A) \*Alice Bennett (Fl St)  
 6.15 20-2½ \*Jewel Lovelady (CSB)  
 6.13 20-1½ -Vogel Newsome (Ms V)  
 6.12 20-1½ \*Michelle Kelley (UCI)  
 6.11 20-½ \*\*Lorna Russell (Pur)  
 6.10 20-½ -Glenvira Williams (Murr)  
 (40)

6.09 20-0 \*\*Sonja Wortham (Phoe CC)  
 ?Dee Dee Jackson (PV)  
 19-11½ -Sandy Crabtree (USC)  
 \*\*Robin Taylor (O Dom)  
 \*Cathy Barber (Ky)  
 (6.09/20-0)

**Resident Foreigners:**

6.82 22-4½ \*Jennifer Inniss (CSLA-Guy)  
 6.80 22-3½ Shonel Ferguson (DCI-Bah)  
 6.78 22-3 Ferguson  
 6.64 21-9½ Maryna Van Niekirk (Macc-SA)  
 6.44 21-1½ Dorothy Scott (Atoms-Jam)  
 6.37 20-10½ \*\*Kelly Wenlock (Ks St-GB)  
 6.14i 20-1½ \*\*Annette Tannander (Co-Swe)

**Wind-aided:**

6.93 22-9 Jodi Anderson  
 6.91 22-8 Shonel Ferguson  
 6.70 21-11½ Kathy McMillan  
 6.66 21-10½ Tudie McKnight  
 6.61(A) 21-8½ Jackie Joyner  
 6.59 21-7½ Dorothea Brown  
 6.46(A) 21-2½ Donna Thomas  
 6.45 21-2 Dorothy Scott  
 Veronica Bell  
 6.40 21-0 Kim Schofield  
 6.35 20-10 Kellee Eubanks  
 6.30 20-8 Janet Yarbrough  
 6.27 20-7 Jewel Lovelady  
 6.21 20-4½ \*Pam Donald (Stan)  
 6.19 20-4 Annette Alston (SC HS)  
 6.12 20-1 \*\*\*Kim Jones (Ks)  
 Sabrina Brown (Macc)  
 6.10 20-½ \*\*\*Sheila Nicks (CSB)  
 6.09 20-0 Patty Baker (Or HS)  
 Sheila Echois (Tn HS)

**Questionable Measurement:**

6.70i 21-11½ Veronica Bell

**SHOT** (W-73-8; A-62-7½; C-57-3½; WJ-63-1; AJ-52-4½)

17.31 56-9½ Lorna Griffin (AW)  
 16.97 55-8½ Griffin  
 16.87 55-4½ Griffin I  
 16.80i 55-1½ Denise Wood (KTC)  
 16.72 54-10½ Griffin I  
 16.71 54-10 Griffin  
 16.61 54-6 Griffin  
 16.58 54-5 Griffin  
 16.57i 54-4½ \*\*Elaine Sobansky (Penn St)  
 16.53 54-2½ Griffin  
 16.43 53-11 -Sandy Burke (NE n)  
 16.25 53-4 \*Ramona Pagel (CSLB)  
 16.14 52-11½ \*Annette Bohach (In)  
 16.04 52-7½ -Neni Davis (St John's)  
 15.97 52-4½ Jane Frederick (AW)  
 15.92 52-2½ -Anne McElroy (CSLB)  
 Kathy Picknell (OTC)  
 (10)

15.90	52-2%	Natalie Kaalawahia (Ca HS)	54.58	179-0	**Carol Cady (Stan)	50.64	166-2	*Roz Rouse (Or)
15.75	51-8%	*Peggy Pollack (CSLB)	55.20	177-10	**Pia Iacova (Al)	50.38	165-3	Celeste Wilkinson (LAN)
15.53	50-11%	**Julie Jones (BYU)		(10)		50.22	164-9	Julie Waage (Or HS)
15.26	50-3%	Marcia Mecklenburg (Bobc)	53.74	176-4	Cindy Johnson (Az HS)	50.20	164-8	*Kathy Calo (Kent)
15.241	50-4	Caryl Van Pelt (SW)	53.50	175-6	***Jackie Wallace (Tn)	50.08	164-3	*Marie Sherwood (St. Cloud)
	50-0	**Carol Cady (Stan)	53.16	174-5	Jean Gago (Hi HS)	49.98	164-0	Donna O'Carroll (NY PAL)
15.23i	49-11%	**Robin Small (Nb)	53.12	174-3	**Julie Jones (BYU)	49.75	163-2	Barbara Friedrich (Shore)
15.21	49-11	**Leslie Deniz (Az St)	52.80	173-3	Natalie Kaalawahia (Ca HS)	49.50	162-5	***Dodie Campbell (Az St)
15.16	49-9	Tracey Toon (Va HS)	52.74	173-0	**Karen McDonald (Or)			Vickie Smiley (Wa HS)
15.14	49-8%	***Deborah Corley (CSB)	52.44	172-0	Gale Zaphriopoulos (WC)	49.12	161-2	Linn Dunton (AIA)
	(20)		51.92	170-4	Dodi Kavanaugh (Hi HS)		(30)	
	**Quanna Beasley (Or)		51.70	169-7	***Laura DeSnoo (S Di)	49.06	160-11	***Julie Vobora (Or)
15.09	49-6%	**Sharen Hamilton (CSB)	51.04	167-5	**Robin Small (Nb)		**Kelley Owen (Moor)	
15.08	49-5%	*Early Douglas (Tx T)		(20)		48.70	159-9	Sherry Calvert (CA)
15.05	49-4%	**Jo Beth Palmer (Tx)		Jacque Norton (Ca HS)			Sherr Schoenborn (Or HS)	
15.03	49-3%	Jill Stenwall (WSTC)	50.98	167-3	Leslie Hoerner (AIA)	48.50	159-2	-Elaine Sundby (CSH)
15.02	49-3%	Pinkie Suggs (Ks HS)	50.82	166-9	**Dana Olson (Hous)	48.44	158-11	**Pam Passera (Tn)
		-Sharon Mitnik (Tem)	50.76	166-6	**Diane Oswalt (CSH)	48.38	158-9	*Debbie Dibb (SDI)
14.98	49-1%	**Lisa Ferry (Hous)	50.30	165-0	*Mary Hyder (Mo)	48.20	158-2	***Susan Amey (Md)
14.93	48-11%	*Jennifer Lemke (Az St)	50.24	164-10	Karen Nickerson (Ca HS)	48.10	157-10	**Nancy Raczka (Fl)
14.92	48-11%	-Gail Kozlara (Dart)	50.22	164-9	Pinkie Suggs (Ks HS)	48.06	157-8	Jeanne Eggart (Wa St)
	(30)			-Terri Byland (Kent)			(40)	
14.88	48-10	-Terri Byland (Kent)	50.18	164-7	**Nadine Cox (Oh St)	48.04	157-7	?Lorna Beaver (C Wa)
14.87	48-9%	-Jackie Bland (E Tn)	49.74	163-2	*Glenda Ford (CSH)	47.86	157-0	-Beth Rockliffe (C Luth)
14.80	48-6%	Regina Cavanaugh (Tx HS)		(30)			(47.54/156-0)	
14.731	48-4	**Carrie Shawbart (BCCC)	49.50	162-5	-Pat Herrington (Id St)		Resident Foreigners:	
14.70	48-2%	-Cheryl Kennedy (S Di)	49.46	162-3	**Quanna Beasley (Or)	55.43	181-10	**Cindy Crapper (Ky-Can)
14.691	48-2%	**Luann Soderling (Nb Wes)		-Sandy Burke (NEn)		52.38	171-10	**Martha Hart (Az-Can)
		*Sue Doucette (Id St)	49.44	162-2	*Karen Wood (Nb)	52.06	170-9	*Lorri Kokkola (Tx-Can)
14.681	48-2	**Pia Iacova (Al)	49.30	161-9	*Lindy Toman (UCLA)			
14.651	48-3%	*Karen Waddell (PV)	48.90	160-5	*Ramona Pagel (CSLB)			
14.63	48-0	*Cheryl Baker (Md)		**Jo Beth Palmer (Tx)				
	(40)		48.64	159-7	*Becky McGranahan (Ks)			
14.62	47-11%	?Maryanne Berry (Glen CC)	48.54	159-3	-Wendy Robinson (CSC)			
14.60	47-10%	***Lorraine Costanzo (Az)	48.48	159-1	**Kelly Landry (Al)			
		**Gail Smith (Ia)		(40)				
14.57	47-9%	Bonnie Dasse (VP)	48.46	159-0	*Sue Springer (Cal)			
14.56	47-9%	***Jackie Wallace (Tn)	48.28	158-5	*Becki Levi (Pima CC)			
14.55	47-9	-Penny Neer (Mi)	48.16	158-0	-Karilyn Gansel (Ut St)			
		**Karen Nitsch (Wl)		(48.16/158-0)				
14.53	47-8	-Sharon Lotmore (Fl)		Resident Foreigners:				
14.51	47-7%	-Jeri Daniels (W&M)	66.58	218-5	Ria Stalman (LAN-Hol)			
14.50	47-7	**Patricia Thomas (PV)	66.04	216-8	*Meg Ritchie (Az-GB)			
	(50)		65.28	214-2	Stalman			
14.45	47-5	**Susie Ray (UCLA)	65.00	213-3	Ritchie			
14.441	47-4%	-Janice Stucky (Ks St)	64.78	212-6	Ritchie I			
14.40	47-3	*Vicki Gay (Tx Sn)	64.76	212-5	Ritchie I			
14.39	47-2%	**Becki Levi (Pima CC)	64.54	211-9	Stalman I			
14.38	47-2%	*Terry Helleck (NM)	64.38	211-3	Stalman			
14.36	47-1%	*Debbie Lombardi (Wa St)	64.32	211-0	Stalman			
14.34	47-3%	**Kam Johnson (Or St)	64.24	210-9	Ritchie			
14.321	46-11%	**Nadine Cox (Oh St)	57.06	187-2	***Patricia Walsh (Tn-Ire)			
	(14.32/47-0)		51.74	169-9	*Marita Walton (Md-Ire)			

Resident Foreigners:

17.47	57-3%	*Meg Ritchie (Az-GB)
17.39	57-3%	Ritchie
17.27	56-8	Ritchie I
17.16	56-3%	Ritchie
17.061	55-11%	*Marita Walton (Md-Ire)
16.961	55-7%	-Rosemarie Hauch (Tn-Can)
		Hauch
16.90	55-5%	Ritchie
16.37	53-8%	Ria Stalman (LAN-Hol)
16.00	52-6	*Cecil Hansen (Ok-Nor)
15.91	52-2%	-Jennifer Smit (UTEP-Hol)
15.771	51-9	**Cindy Crapper (Ky-Can)
15.37	50-5%	***Patricia Walsh (Tn-Ire)
15.19	49-10	**Stine Lerdahl (Ks-Nor)

DISCUS (W-235-7; A-207-5; C-221-5; WJ-212-9; AJ-183-11)

60.88	199-9	**Leslie Deniz (Az St)
60.62	198-11	Deniz
60.06	197-0	Deniz I
59.92	196-7	Deniz
59.46	195-1	Deniz I
59.42	194-11	Deniz
59.40	194-10	Deniz
59.36	194-9	Deniz I
59.32	194-7	Deniz
59.22	194-3	Deniz
58.54	192-1	Lorna Griffin (AW)
58.16	190-10	Kathy Picknell (OTC)
57.02	187-1	Denise Wood (KTC)
56.08	184-0	-Penny Neer (Mi)
55.42	181-10	Jan Svendsen (WAC)
55.16	181-0	Lynne Anderson (OTC)
55.04	180-7	Julie Hansen (SW)

JAVELIN (W-243-5; A-227-5; C-211-5; WJ-235-10; AJ-198-8)

64.38	211-3	-Karin Smith (SLO)
63.02	206-9	Smith
61.98	203-4	Smith
61.92	203-2	Smith
61.78	202-8	Smith
61.68	202-4	Smith
61.66	202-3	***Lynda Hughes (Or)
61.52	201-10	Smith
61.30	201-1	Hughes
61.14	200-7	Smith
59.94	196-8	Kate Schmidt (PCC)
59.44	195-0	*Dana Olson (Hous)
59.36	194-9	Cathy Sullinski (ML)
58.02	190-4	*Sally Harmon (Or)
54.52	178-10	Patty Kearney (OTC)
53.22	174-7	Danella Barnes (CPTC)
53.10	174-2	***Barb Moro (Full CC)
53.00	173-11	*Deanna Carr (Wa)
	(10)	
52.92	173-7	**Susie Ray (UCLA)
52.86	173-5	*Jacque Nelson (UCLA)
52.80	173-3	**Liz Mueller (Pal CC)
52.40	171-11	Deena Bernstein (CA)
52.02	170-8	*Kristen Engle (Cal)
50.86	169-10	**Mary Chrobak (Tx)
51.66	169-5	Jane Frederick (AW)
51.08	167-7	-Debbie Williams (Mi)
50.92	167-1	-Donna Mayhew (Az)
50.90	167-0	***Karolyn Welsh (Springfield)
	(20)	

HEPTATHLON (W-6772; A-6458; C-6126; WJ-6032; AJ-5405)

†	hand times converted to auto
±	hand times unknown; hand -50
w	wind-aided (4.0mps)
6458	Jane Frederick (AW)
6423	Frederick
6401	Frederick
6126	**Jackie Joyner (UCLA)
6099(A)	Joyner
6041	Joyner
6030	Marlene Harmon (LAN)
5950	Cindy Greiner (OTC)
5910†w	Joyner
5902	Harmon
5818	Patsy Walker (HAC)
5615	-Susan Brownell (Va)
5594†w	**Susie Ray (UCLA)
5546	*Sonya Crowther (Or St)
5539	Cindy Banks (G Bear)
5526(A)	*Carrie McLaughlin (SDI)
	(10)
5517	Mary Harrington (Poc TC)
5497	*Kerry Bell (USC)
5472	-Renee Nickles (Ok)
5467†	*Kathy Raugust (Cal)
5426†w	Tonya Alston (WAC)
5415	**Lana Zimmerman (LSU)
5405	Sharon Hatfield (Ca HS)
5339†	***Kathy Gillespie (Ia)
5327†	*Juanita Alston (Md)
5319w	-Kathy Borgwarth (Wl)
	(20)
5282†	Debbie DaCosta (Fl HS)
5267†	Debra Larsen (Wa HS)
5244†	-Nancy Kindig (Nb)
5158†	-Cindy Holmes (Az)
5151†	*Roxanne Keating (Az)
5131†	***Carla Battaglia (In)
5117†	***Chris Viguier (Cal)
5107	Sharon Pfister (NY HS)
†w	-Bev Mortimer (Ks)
5101	-Liz Carroll (SLO)
	(30)
5086	Jenny Stary (MS)
5061	Beth Sheehan (NY HS)
5037	*Chris Dubois (SLO)
4961†	***Tina Shriver (Tow)
†	*Denise Armstrong (Tx)
	(4961)
Resident Foreigners:	
5808	*Ann Tannander (Co-Swe)
5575	**Julie White (Bos U-Can)
5402†	**Myrtle Chester (Tn-Guy)
5322†	-Nora Araujo (Aub-Por)
5221†	***Marjan Goedhart (Nb-Hol)
5153†	***A-B Skjaveland (UTEP-Nor)
5142	**Linda Spenst (Mo-Can)