

TRACK

NEWSLETTER

THE LULL BEFORE THE STORM

The calendar has given us one of those years with a brief pause as we make the transition from the indoor season to outdoors. Things were generally quiet the first week of April as a one-week gap without big meets (between Florida and Texas) left us hanging with anticipation, waiting for the next big outdoor explosions.

Speaking of storms, that's just what William Snoddy used at the Dallas Invitational, just in case you happened to see references to his 9.87.

It was automatically timed. But, yes, there is a catch. A slight aiding wind of something on the order of 25 mph (11.18mps) was at his tail. Now we know why they have restrictions on wind. If only we could get such graphic proof on altitude. Snoddy cramped at the finish, but the extent of his injury is unknown...

Promoter Al Franken says that Al Oerter will make his return to the "bigtime" at the Pepsi meet on May 7 at UCLA. Needless to say, Mac Wilkins is interested in this clash...

The California Relays has changed dates. The meet will now be a week later, May 27, and not conflict with the Pac-8.

That also makes the "dream week" of track we mused about a couple of issue issues ago even greater. Saturday at Modesto, Monday at Cerritos (Ali), Wednesday at Eugene (Pre), Thursday-Saturday at Eugene (NCAA). And all of it located within a couple of miles of Interstate 5.

STATUS QUO

Versatile Southern Cal sprinter Joel Andrews (10.22, 20.6, 45.80) has been out for most of the year with a glandular infection...

Add another Dutch weight thrower to

UTEP's women's team. This one is 48-1½ performer Betty Bogers...

Arizona State's women's sprint corps has a plus and a minus to report. Scholastically ineligible this spring is AIAW 200 3rd-placer Renaye Bowen; a new frosh is Junior team member Val Boyer of Albuquerque...

Olympian Benny Brown was injured in a March 25 car accident when he swerved his auto to miss a mattress on the road. At last report, he was in fair condition, suffering from a contusion of the heart (he hit the steering wheel)...

Terry Daffin, last year's No. 2 prep javelin thrower (224-7) has showed up at Tulane...

Southern Cal discus giant Darrell Elder, the national Junior record holder (192-8 in 1975) missed early SC meets because of scholastic ineligibility...

Cindy Gilbert, a 1972 Olympian and the #2nd straddler in U.S. history at 5-11, has ceased collegiate participation at UCLA in order to concentrate on her studies...

Marcus Gordien, the early-season discus leader at 200-7, has decided to go to UCLA. Again. You might recall he was on his way there several years ago but ended up at Cal Poly/Pomona briefly...

Baylor has added a Norwegian javelin thrower to its roster. That's Tom Heieren, who has already scored a PR 243-1. A frosh, he was born in 1955...

The leading prep 2-miler as a junior last year, Irene Griffith (also a 2:46:46 marathoner) has signed a letter of intent at Oregon...

New Mexico has lost the services of putter Tony Harlin (66½ as a prep 2 years ago), who has transferred to Manhattan...

Wayne Guy, a standout JC javelinist last

year (253-3) has been lost to Cal for the year with a combination of a strained elbow ligament and ulcers...

Texas informants say that 1972 Olympian (5000) Len Hilton is on the way back...

Former UCLA high hurdler Clim Jackson is still pursuing his acting career, although he hasn't ruled out thoughts of Moscow. He recently trained for the first time since 1976 and NCAA champ James Owens said, "He hasn't lost it. Not one bit..."

Bob Keith of Texas (7-2¼) dislocated his foot in a late March meet while attempting 7-3. He was hospitalized for several days...

Olympian Fred Luke (280-8) has nixed thoughts that he will hit the javelin trails again. He is getting married soon...

1976 JUCO 110H runner-up Franklin Postell (13.7) has showed up at Edward Waters after disappearing from Texas Southern. He ran 14.51 in his heat at the Florida Relays...

Arkansas State Coach Guy Kochel has dismissed sprinter Ed Preston (10.1) from the squad. "Ed could not make up his mind about being a member of this team, so I made it for him," said Kochel...

Florida State's Mike Roberson, former co-holder of the prep 120H record, will concentrate on the 200 this season. He nursed an injured hamstring for most of the winter...

Cal sprinter Keith Taylor (20.82, member of the Junior team last year) currently has a foot in a cast and may redshirt this year...

Life isn't easy for Steve Williams these days. In late March he had surgery to remove a bone spur. Several days after the operation, his convalescence was thwarted by an attack of the flu. His outdoor debut, obviously, will be somewhat delayed this year.

DALLAS INVITATIONAL

Dallas, April 1 /mid 80s, winds gusting to 20mps; attendance 3500/-

- 100(11.18), SNODDY (Ok) 9.87 (fastest time ever recorded—Snoddy suffered cramp in left hamstring at tape); 2. Doty (SMU-Can) 9.98; 3. Brooks (Tx A&M) 10.04; 4. Kelley (Ok) 10.11; 5. Osafo (Ok St-Nig) 10.35; 6. Jackson (Ok St) 10.37; 7. Epps (E Tx) 10.45.

Heats: I(8.94)-1. Snoddy 10.35. 200, Doty 21.28. Heats: I(8.94)-1. Snoddy 20.7; 2. Edwards (Hous) 20.8. II(8.94)-1. Doty 20.9. 400, Williams (Tx A&M) 47.1. 800, Rohde (Ok) 1:51.2. 1500, Wilson (Ok) 3:54.7. 5000, Marino (SMU) 15:11.5. 110H(w), Williams (Ok) 13.39; 2. Kelley (Ok St) 13.61; 3. Busch (Tx A&M) 13.86. Heats: II(5.36)-1. Williams 13.99. 400H, Byram (Ok) 51.22. 4 x 100, Oklahoma 40.33; 2. Houston 40.42. 4 x 400, Texas A&M 3:12.9 (Kerr 46.9).

HJ, Huseth (SMU) 6-11. PV, Dames (Hous) 16-7; 2. Johnson (Ok) 16-7; 3. Ruchle (Tx A&M) 16-7. LJ(w), Pleasant (Ok) 25-8½. TJ(w), Riley (Hous) 51-6. SP, Coffman (Hous) 59-6½. DT, Baughman (Hous) 184-6; 2. Stewart (Tx A&M) 180-2; 3. Scott (Tx A&M) 177-4; 4. Gray (SMU-Can) 175-2; 5. Chew (Hous) 170-10. JT, Giltner (Hous) 238-1.

Teams: 1. Texas A&M 129; 2. Oklahoma 124 1/3; 3. Houston 108; 4. SMU 85; 5. Oklahoma State 46 1/3.

VIRGINIA

Cornell 99-Virginia 64, Charlottesville, March 21-100, Raboy (C) 10.2. 200, Francis (C) 20.9.

NORTH CAROLINA

Atlantic Coast Relays, Raleigh, March 25—Women: 1500, M. Shea (NC HS) 4:39.8. 3000, M. Shea 9:53.3.

- 5000, BENOIT (NC St) 16:22.5 (8th performer all-time U. S.); 2. Goodall (Duke) 16:23.3 (=9th performer all-time U. S.).

FLORIDA

Florida Relays, Gainesville, March 24(a)-25(b)—Dec(3/22-23), Hale (Fisk) 7690 (10.6, 24-4½, 42-8½, 6-¾, 49.2 [4045], 15.0, 126-10, 13-5½, 204-5, 4:41.2); 2. Pailles (Ms St) 7585 (10.7, 22-9¼, 42-4¼, 6-4¾, 48.6 [4030], 14.6, 132-6, 12-1¾, 175-1, 4:33.7); 3. Crist (unat) 7300 (11.5, 22-4½, 42-2¼, 6-8¾, 50.1 [3826], 15.3, 134-0, 11-7¾, 181-5, 181-5, 4:33.4); 4. Benedict (Ga) 7291; 5. Morey (Penn) 7286; 6. Schnei-Schneider (St John's) 7216; 7. Reilly (Fl) 7171; 8. Blackburn (Aub TC) 7121; 9. Schnur (Cinc) 7116; 10. Bochette (Fl) 7057.

HT(a), 3. Bessette (NYAC) 194-8; 4. Jansson (Dart) 190-7; 5.

O'Keefe (Dart) 188-6; 6. Healey (Fitch) 185-6.

University Division: 110H, Heats(b): I-1. Robertson (Md) 13.97. III-1. Nehemiah (Md) 13.89. 4 x 110, Heats(a): I-1. Auburn 40.25. 4 x 440(b), 4. Middle Tennessee 3:09.7; 5. Florida State 3:10.0; 6. Florida A&M 3:10.0. Heats(a): I-1. Southern 3:07.3; 2. Florida State 3:07.6; 3. Howard 3:08.4; 4. Middle Tennessee 3:09.4; 5. Jackson State 3:09.4; 6. South Carolina State 3:09.4. SpMed, 4. Southern Illinois 3:21.0.

Women's Division: 800, 3. Shafer (FTC) 2:09.2; . . . 6. Latter (Mi St) 2:17.5.

ALABAMA

Alabama Invitational, Tuscaloosa, March 25-100(3.0), Thomas (Al) 10.24; 2. Copeland (Ind) 10.35; 3. Myricks (Ms C) 10.36; 4. Williams (A Peay) 10.44. 200, Myricks 21.41. St, Boyles (Ms C) 8:45.0. 10,000, Bourrier (Al-Can) 29:41.5.

LJ, Myricks 25-5; 2. Levine (Al) 25-4; 3. Cobb (unat) 24-5.

Teams: 1. Alabama 206; 2. Indiana 96; 3. Western Illinois 63; 4. Mississippi College 54; 5. Austin Peay 46.

TENNESSEE

Memphis State Invitational, Memphis, March 25-110H, Taylor (Ar St) 13.4.

Women: 100(1.4), Cheeseborough (Tn St) 11.6. 200(1.1), Morehead (Tn St) 23.3. 3000, Lashley (Tn) 9:58.6. 5000, Lashley 17:19.9.

- 4 x 110, TENNESSEE STATE 44.3 AB, CB (old bests, 44.7 Tennessee State '71) (team members: McMillan, Fuller, Cheeseborough, Morehead [exact order not known]).

4 x 880, Tennessee 9:32.1. SpMed, Tennessee State 1:44.7. LJ, McMillan 19-9. Pent, Hertz (Tn) 36.15.

MICHIGAN

Western Michigan 117-Ball State 46, Kalamazoo, April 1-HT, Klimoff (W) 181-9. JT, Parisi (W) 240-5.

LOUISIANA

Cowboy Relays, Lake Charles, March 25-120yH(w), Lavitt (Mo) 13.7.

TEXAS

Women: Texas-Texas Woman's, Austin, March 11-100, Hodges

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All wind readings published in *TN* are in meters per second (2.0 being the maximum allowable). Times in 100ths are automatic. Times for distances above 440y are rounded to 10ths, other than the marathon and walks, which are rounded up to the next second.

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(TW-Jam) 11.1; 2. Brown (TW) 11.6. 200, Hodges 24.1; 2. Brown 24.3. HJ, Ritter (TW) 6-0. LJ, Ritter 18-4½.

All-Comers, El Paso, March 18—Women: DT, Bogers (UTEP-Hol) 158-1.

Texas Southern Relays, Houston, March 18—Women: LJ, 2. Pol-lion (Tn HS) 19-9½; 3. Williams (TWU) 19-6; 4. Pettit (PV) 19-2.

City of Palms, McAllen, March 25—100, Dickey (Tx A&M) 10.3. 400, Kerr (Tx A&M) 46.3; 2. Bladwin (Rice) 46.8. 1500, Kohrs (Tx A&M-S Afr) 3:46.9. 5000, Froelick (Rice) 14:08.9. 110H, Mosley (Tx A&M) 13.8. 400H, James (Rice) 51.7. HJ, Keith (Tex) 7-1.

Baylor 96-Southern Methodist 54-Texas Christian 18, Dallas, March 25—100(w), Doty (SMU-Can) 10.2. 800, Collins (Bay) 1:50.8. DT, Gray (SMU-Can) 181-0.

NEW MEXICO

Eastern New Mexico Invitational, Portales, March 18—200(w), Turner (Ang St) 20.8.

Arizona 77-New Mexico 62-Adams State 47, Albuquerque, March 25—200, Strozier (Az) 20.8. 400, Dramiga (NM-Uga) 46.5; 2. Ongwae (NM-Ken) 47.5. SP, Gross (Ad) 59-4. DT, Gross 188-10. HT, Farmer (NM-Aus) 198-1.

ARIZONA

UTEP-Arizona State-Oklahoma, Tempe, March 25—JT, Williams 248-8.

UTEP 85-Arizona 79-Northern Arizona 24, Tucson, April 1—100 (3.35), Strozier (A) 10.46; 2. Deal (U) 10.56. 200(-0.89), Strozier 20.97. 5000, Musyoki (U-Ken) 14:07.0; 2. Sirma (U-Ken) 14:07.2; 3. Gomez (U-Mex) 14:10.9; 4. Hunt (A) 14:25.1. 110H(-1.79), Still (A) 13.92.

HJ, Curtis (A) 7-3½. TJ, Hutchins (U) 52-11%. DT, Walvik (U-Nor) 188-6. Dual scores: UTEP 81-Arizona 72; Arizona 106-Northern Arizona 39.

OREGON

All-Comers, Eugene, March 25—Women: 800, Coleman (Wa HS) 2:05.6. 5000, Tolford (Or) 17:04.3. HJ, Cosgrove (Wa HS) 5-9.

WASHINGTON

Oregon 67-Washington 60, Seattle, April 1—100, Banks (O) 10.3. 1500, Salazar (O) 3:48.6. St, Gustafson (W) 8:52.4. 5000, Chapa (O) 13:35.0; 2. B. McChesney (O) 14:00.6; 3. Clary (O) 14:03.3. MileW, Rosencrantz (W) 7:10.6.

SP, Stover (O) 63-1; 2. Summers (W) 59-11%. DT, Voorhaes (O) 183-1. JT, Atwood (W) 246-9; 2. Sinclair (W) 246-9.

● HT, NEILSON (W-Can) 238-7 NR, CR (old CR, 238-1 Farmer [UTEP-Aus] '75) (f, 231-2, 238-7, 230-0, 236-1, f).

● Washington State Invitational, Pullman, April 1—5000, RONO (Wa St-Ken) 13:22.7 (lapped the field).

TJ, Campbell (Wa St-Aus) 52-1. DT, Jesernig (Wa St) 172-5. HT, Jesernig 191-7. JT, Lorenzen (Wa St) 241-10.

● Central Washington Women's Invitational, Ellensburg, April 1—SP, Mecklenburg (S Pac) 47-9; 2. Griffin (S Pac) 46-6.

DT, HANSEN (S Pac) 174-0 (7th performer all-time U. S.); 2. Griffin 173-5 (8th performer all-time U. S.).

CALIFORNIA

Cal-San Jose State, Berkeley, March 11—800, Robinson (ICAC) 1:48.5; 2. Brown (Tob) 1:48.5.

Redlands Invitational, Redlands, March 18—100, Trapps (UNLV) 10.2.

● USTFF Decathlon, Fresno, March 22-23—WARKENTIN (unat) 8011 (11.1, 22-2¼, 45-8¼, 6-4¼, 48.9 [3950], 14.4, 167-9, 14-½, 202-4, 4:29.3); 2. George (AW) 7762 (11.1, 22-8½, 43-6¼, 6-2½, 49.8 [3841], 14.8, 144-4, 14-4¼, 215-3, 4:35.4).

Meet of Champions, Irvine, March 25—110H, Turner 13.95. Dec(3/24-25), Bardales (Irv) 7831 (10.9, 22-2¼, 40-4¼, 6-0, 49.2 [3766], 14.9, 140-5, 15-1¼, 215-7, 4:17.3 [4065]); 2. Mondschein (ITC) 7368; 3. Waters (Pt Loma) 6994.

Women: 1500, Heald (SFVTC) 4:18.5; 2. Caldwell (Cit C) 4:21.5.

Easter Relays, Santa Barbara, March 25—JT, Petranoff (Pal JC) 261-7.

UCSB Decathlon, Santa Barbara, March 25-26—Hamlin (unat) 7855 (10.9, 22-11½, 46-5, 6-9, 49.8 [4108], 15.0, 135-5, 14-9¼, 180-0, 4:34.6 [3647]); 2. Niederhaus (Macc) 7312 (11.1, 21-3¼, 39-3, 6-¼, 47.3 [3744], 14.8, 116-5, 15-5, 140-9, 4:30.0 [3568]); 3. Harris (UCSB) 7296; 4. Canfield (Cal) 7128; 5. Gardner (Ricks) 6909; 6. Wheeler (UCLA) 6897; 7. Gefre (Wa) 6843 (217-6); 8. Buchanan (Oxy) 6824.

UCLA Women 120-Hayward State 66-Cal 42-Southern Cal 35, Berkeley, April 1—100, Ashford (UCLA) 11.4. 200, Ashford 23.5. 400, Hendy (UCLA) 58.2. 800, Keyes (UCLA) 2:13.2. 1500, Ralston (UCLA) 4:45.6. 100H, Gourdine (UCLA) 14.9. 400H, Winlock (HS) 61.7. 5000, Metteer (Cal) 16:56.4; 2. Broderick (UCLA) 17:05.6. 4 x 100, UCLA 48.5. 4 x 400, Hayward State 3:52.7. 4 x 800, UCLA 9:39.8.

HJ, Oshikoya (UCLA-Nig) 5-7¼. LJ, Oshikoya 19-4; 2. Elmore (Cal) 18-9; 3. Gourdine 18-4¼. SP, Sulinski (HS) 14-1½. DT, Duthie (Cal) 115-9. JT, Sulinski 178-6.

Sacramento Relays, Sacramento, April 1—SP, Dolegiewicz (Can) 63-7¼. HT, McKenzie (unat) 200-6.

AC, Long Beach, April 1—HT, Arcaro (Macc) 205-9.

Southern Cal 111-Stanford 39, Westwood, April 1/attendance 5981/-100(2.3), Sanford (SC) 10.36; 2. Williams (SC) 10.41; 3. Andrews (SC) 10.58. 200(1.0), Edwards (SC) 20.5; 2. Lofton (S) 20.9; . . . 4. Doubly (SC) 21.5. 400, Mullins (SC) 45.6; 2. Sheats (S) 46.9; 3. Beaton (SC-Guy) 47.6. 800, Johnson (SC) 1:49.8; 2. Omwansa (SC-Ken) 1:52.4. 1500, Omwansa 3:47.5. St, Perez (SC) 8:53.7. 5000, Kissin (S) 14:28.2; 2. Perez 14:37.7. 110H(1.2), Graybehl (SC) 14.30. 400H, Graybehl 50.6.

● 4 x 100, SOUTHERN CAL 39.30 (Williams, Mullins, Edwards, Sanford); 2. Stanford 40.01.

4 x 440, Southern Cal 3:08.7 (Johnson 49.1, Beaton 47.5, Mullins 46.0, Sanford 46.1); 2. Stanford 3:09.5 (Banks 48.8, Stillman 48.8, Sheats 46.7, Lofton 45.2).

HJ, Walker (SC) 6-8. PV, Viole (SC) 13-6. LJ, Lofton 25-9¼w (25-2¼); 2. Doubly 25-7w (24-0). TJ(w), Assef (SC-Iran) 50-4. SP, McKenzie (SC) 57-11¼. DT, Elder (SC) 191-8. JT, I. Paananen (SC-Fin) 227-1.

UCLA 95-Cal 59, Westwood, April 1—100(1.4), Farmer (C) 10.40; 2. Hampton (UC) 10.58. 200, Farmer 20.9; 2. Hampton 21.0. 400, Thompson (UC) 46.9; 2. Wheeler (C) 47.4; 3. Goldston (UC) 47.5. 800, Suhr (UC) 1:50.5. 1500, Clifford (C) 3:48.2. St, James (UC) 8:57.3. 5000, Schulz (C) 14:33.9. 110H(2.3), Owens (UC) 13.70 (Foster out with sore knee). 400H, Pratt (C) 51.3. 4 x 100, UCLA 40.67. 4 x 440, UCLA 3:09.0 (Suhr 47.4, Goldston 47.2, Hampton 47.8, Thompson 46.6); 2. California 3:09.8 (Guss 48.1, Brown 47.0, Farmer 48.1, Wheeler 46.6).

HJ, Joseph (UC) 6-10. PV, Tully (UC) 18-½ (tried 18-8¼); 2. Brown (UC) 16-6. LJ, Lancaster (UCLA) 23-9¼. TJ, Banks (UC) 52-4¼. SP, Laut (UC) 60-5¼. DT, Santiago (C) 181-4. JT, DeMill (UC) 235-3.

Long Beach State 92-San Jose State 71, Long Beach, April 1—400, Beasley (LB) 46.8. 110H(w), Cooper (SJ) 13.9. 4 x 100, Long Beach State 40.0; 2. San Jose State 40.0.

HJ, Livers (SJ) 7-0. PV, Lawry (LB) 17-0; 2. Wilson (LB) 16-6; 3. Woepse (SJ) 16-6. LJ(w), Taylor (LB) 25-9¼. TJ(w), Livers 54-7½; 2. Taylor 53-3¼.

PREP HIGHLIGHTS

INDOORS

The undercover season wound down on a low note. Not only did the bad weather play a major role, but the big coal strike caused cancellation of the Indiana indoor season. Only a few remaining meets will be held elsewhere in April.

Late reports give Jody Jimerson (Norman, Ok) 300y clockings of 31.8 and 31.9 prior to mid-February. David Brown (Wheat Ridge, Co) turned in a nice 1:53.9 at the Easter Races on the oversized track at the Air Force Academy.

In the hurdles, Robert McGee (Evanston, Il) recorded his 2nd 6.9 over the 60y lows. Garry Boyer (Horseheads, NY) ran 5.6 over the seldom-run 45y highs to equal 2nd all-time.

On the field, Doug Wollen (Pullman, Wa) improved his own indoor discus record by

nearly 9 feet with his 181-5 at the Moscow (Id) Minidome.

Gail Olson (Sycamore, Il) closed his short indoor season with 7-0 at the Proviso West Track Classic. Mike Petsch (Redford Union, Detroit) improved to 61-¼ at the Huron Relays.

OUTDOORS

SPRINTS: Wayne Johnson (Richardson, Tx) clocked 10.2w and a 20.4 relay leg at the Kimball Relays.

DISTANCES: At the Eisenhower Invitational (Rialto, Ca), Chuck Assumma of the host school took a fine 3000m from Jeff Hildebrandt (South Salem, Salem, Or), 8:25.1 to 8:28.0. Those equate roughly to the 9:00-9:03 range for 2M. Junior Carlos Carrasco (Mt Pleasant, San Jose) ran 8:31.3 in 3rd.

RELAYS: Ball (Galveston, Tx) has been fast early, clocking 41.6 and matching the state record with 1:26.1 at the Texas Southern Relays. In the 4 x 220, Ball topped the 1:26.7 by Columbia (West Columbia).

Helix of La Mesa (Ca) clocked a 10:20.2 distance medley at the Valley Relays.

THROWS: Mike Carter (Jefferson, Dallas) moved to 4th all-time with his booming 70-5 at the Kimball Relays in Dallas. That's the best prep throw since 1970 and improves the junior-class record from 69-2¼.

That same weekend (March 18), Dan Krueger (Bayside, Virginia Beach, Va) debuted outdoors with 68-5¼ at the Hampton Relays, while back in Texas at the Willis Relays, Carlos Scott (Waller) improved his PRs with a fine double of 65-10¼ and 187-6.

ALL-TIME HIGH SCHOOL RECORD PROGRESSION

compiled by Jack Shepard

Here's one for all you statistical buffs with an historical bent to sink your teeth into. Help us come up with a comprehensive set of record progressions for preps.

As you will see, we are in pretty good shape for the last 50 years or so, but we have lots of gaps to be filled before that. If you think you have any amendments to these lists, which will run periodically as time and space allow, please pass them on to us. Marks followed by a "u" are lacking complete confirmation.

In these sprint lists we have ignored the inception of automatic timing, as it plays such an insignificant part in the total picture here.

100 YARDS

9.8u	Art Duffy (Boston) /99
9.8u	Ernie Nelson (Volkman, Dedham, Ma) /08
9.8u	Charley Hoyt (Greenfield, Ia) /13
9.8u	Bill Carter (University, Chicago) /14
9.8u	Evan Pearson (North Central, Spokane, Wa) /16
9.6	Frank Hussey (Stuyvesant, NYC) 6/9/23
9.5	Frank Wykoff (Glendale, Ca) 3/16/28
9.4	Jesse Owens (East Tech, Cleveland) 6/17/33
9.4	Jimmy Jackson (Alameda, Ca) 5/22/54
9.4	Trenton Jackson (Franklin, Rochester, NY) 6/3/61
9.4	Forrest Beaty (Glendale, Ca) 3/30/62
9.4	Jim Hines (McClymonds, Oakland) 5/8/64
9.4	Kirk Clayton (Scotlandville, Baton Rouge) 4/9/66
9.4	Willie Black (Trimble Tech, Forth Worth) 3/25/67
9.4	Jim Green (Eminence, Ky) 4/8/67
9.4	Billy Gaines (Clearview, Mullica Hill, NJ) 5/9/67
9.4	Mel Gray (Montgomery, Santa Rosa, Ca) 5/19/67
9.3	Gaines 5/20/67
9.3	Gaines 6/ 3/67
9.3	Gaines 6/11/67
9.3	Willie McGee (Rowan, Hattiesburg, Ms) 6/14/69
9.3	Carter Suggs (Tarboro, NC) 5/18/73
9.3	Suggs 6/2/73
9.3	Suggs 4/3/74
9.3	Greg Edmond (Ball, Galveston, Tx) 5/4/74

9.3	Suggs 5/10/74
9.3	Suggs 5/17/74
9.3	Willie Smith (Uniondale, NY) 6/1/74
9.3	Houston McTear (Baker, Fl) 3/28/75
9.3	McTear 4/11/75
9.2	McTear 5/ 2/75
9.2	Mike Roberson (Winter Park, Fl) 5/2/75
9.0	McTear 5/9/75

100 METERS

10.4(110y)	Vern Blenkiron (Compton, Ca) 6/18/21
10.4	Eddie Morris (Huntington Beach, Ca) 6/28/40
10.4	Preston Griffen (Centennial, Compton, Ca) 7/3/57
10.4	Hubie Watson (Jordan, Los Angeles) 6/24/60
10.2	Billy Gaines (Clearview, Mullica Hill, NJ) 3/12/66
10.2	Gaines 3/26/67
10.2	Gaines (San Jose, Ca) 5/4/68
10.1	Marshall Dill (Northern, Detroit) 7/1/71
10.1	Dill 8/29/71
10.1	Houston McTear (Baker, Fl) 5/17/75
10.0	McTear 6/13/75
10.0	McTear 7/16/75

220 YARDS STRAIGHT

23.8u	H. Moeller (Columbia, NYC) /94
23.0u	Saunders (Council Bluffs, Ia) /98
22.8u	Meyst (? Wisc) /99
21.6u	Schick (Andover, Ma) /00
21.6u	Schick /01
21.4u	Bill Carter (University, Chicago) /14
21.0	Frank Wykoff (Glendale, Ca) 5/7/27
20.8m	Wykoff 6/16/28
21.0	Ed Toribio (Jesuit, New Orleans) 4/29/33
20.8	Elmer Helbling (Northside, Fort Worth) 5/6/33
20.7	Jesse Owens (East Tech, Cleveland) 6/17/33
20.7	Eddie Morris (Huntington Beach, Ca) 5/11/40
20.5	Leamon King (Delano, Ca) 5/23/53
20.2	Forrest Beaty (Hoover, Glendale, Ca) 5/27/61

1978 U.S. LEADERS

The U.S. top 10 in standard events, as reported to T&FN by April 5. Some marks on these lists have not yet been reported as meet results in the newsletter.

MEN

100 METERS (9.95, 9.95)

10.33 LaNoris Marshall (AzHS)
 10.34 Clancy Edwards (Sn Cal)
 10.1 Bill Collins (PPC)
 *Mike Kee (Sn II)
 Don Quarrie (Tob)
 10.40 *Mike Farmer (Cal)
 10.44 ***Jerome Deal (UTEP)
 *Mike Roberson (Fl St)
 10.2 Victor Trapps (UNLV)
 10.46 *Dwayne Strozier (Az)

200 METERS (19.83, 19.83)

20.33 Clancy Edwards (Sn Cal)
 20.5 **William Mullins (Sn Cal)
 Don Quarrie (Tob)
 20.80 **William Snoddy (Ok)
 20.6 **Greg Foster (UCLA)
 20.90 *Dwayne Strozier (Az)
 20.93 **James Mallard (HJC)
 20.7 Dwayne Evans (SPSM)
 ***Lamont King (Irv)
 **Waylon Minter (NE La)

400 METERS (43.86, 43.86)

45.51 **William Mullins (Sn Cal)
 45.70 *Joseph Coombs (Al)
 46.20 **Tony Darden (Az St)
 46.22 ***James Sanford (Sn Cal)
 6.24 Darral Gatson (Al)
 + Adrian Rodgers (Tob)
 46.27 *Gerald Burl (Az St)
 46.42 Clifton McKenzie (Az St)
 46.44+***Leslie Kerr (Tx A&M)
 46.48i Herman Frazier (PPC)

800 METERS (1:43.4, 1:43.4)

1:47.4ti Mark Belger (Vill)
 1:47.6 Steve Scott (Irv)
 1:47.8 **Sam Kipkurgat' (NM)
 1:48.5 Rick Brown (Tob)
 **David Omwansa' (Sn C)
 James Robinson (ICAC)
 *Gideon Terer' (FD)
 1:48.7ti Mark Enyeart (PCC)
 1:48.8ti Byron Dyce' (FTC)
 1:48.8ti Mark Lech (NEN)

1500 METERS (3:32.2, 3:33.1)

3:39.4i Paul Cummings (PCC)
 3:39.8i Dick Buerkle (NYAC)
 3:40.7 Dave Hill' (FTC)
 i Mike Slack (UCTC)
 3:41.3 Tom Byers (Oh TC)
 3:41.9i Bruce Fischer (UCTC)
 3:42.3 **Rudy Chapa (Or)
 3:42.3i Steve Scott (Irv)
 3:43.0i Steve Lacy (Wi)
 3:43.6 Matt Centrowitz (Or)
 3:43.6 Armando Cendejas (LBSt)

MILE (3:49.4, 3:51.1)

3:53.9 Steve Scott (Irv)
 3:54.9i Dick Buerkle (NYAC)
 3:59.1i Greg Meyer (NJAA)
 3:59.4i Wilson Waigwa' (PPC)

3:59.8i James Munyala' (UTEP)
 4:00.2i Paul Cummings (PCC)
 Jerald Jones (SMTC)
 i Nick Rose' (MDAC)
 4:00.4 Jeff Jirale (SMTC)
 4:00.7 Ray Flynn' (E Tn)
 i N.O'Shaughnessy' (NYAC)

STEEPLE (8:08.0, 8:21.6)

8:44.9 **Sam James (Tn)
 8:45.0 Joe Boyles (Ms C)
 8:47.0 Bill McCullough (SMTC)
 ***Dave Daniels (Irv)
 8:47.1 John Wright (Tn)
 8:48.0 Bob McLeod (SMTC)
 8:49.3 James Munyala' (UTEP)
 8:52.4 *Gary Gustafson (Wa)
 8:52.7***Amos Kipkorir' (AllCC)
 8:53.4 **Randy Jackson (Wi)

5000 METERS (13:12.9, 13:15.1)

13:22.7**Henry Rono' (Wa St)
 13:35.0**Rudy Chapa (Or)
 13:45.7i***Joel Cheruiyot' (Wa St)
 13:47.9 **Rodolfo Gomez' (UTEP)
 13:48.5 *Don Clary (Or)
 13:51.6i *John Treacy' (Prov)
 13:52.1 Duncan Macdonald (WV)
 13:52.1 Duncan Macdonald (WV)
 13:52.4i Randy Thomas (GBTC)
 13:58.7**Alberto Salazar (Or)
 13:58.9i Mike Roche (NJAA)

10,000 (27:30.5, 27:43.6)

27:48.6**Henry Rono' (Wa St)
 28:55.4**Alberto Salazar (Or)
 29:20.2 *Don Clary (Or)
 29:23.3 Pat Holleran (OTC)
 29:27.7 *Bill McClement (Wa)
 29:40.3**Ken Martin (LCC)
 29:40.5 *Bill Stolp (Wa)
 29:41.5 Rick Bourrier' (Al)
 29:41.7 Steve Surface (Wa)
 29:44.1 Tom Childers (FTC)

MARATHON (2:08:34, 2:09:55)

2:16:35 Ron Tabb (unat)
 2:17:16 Duncan Macdonald (WV)
 2:17:23 Brian Quinn (Fl)
 2:19:00 Mike Pinocci (WVTC)
 2:19:14 Dave Frickel (unat)
 2:20:06 Brian Maxwell' (BAmmo)
 2:20:28 Mark Stevenson (toads)
 2:20:46 Matt Segura (NM)
 2:20:47 Charlie McMullen (unat)
 2:21:44 Sam Williams (unat)

110 HURDLES (13.21, 13.24)

13.3 **Greg Foster (UCLA)
 13.4 Charles Foster (PPC)
 *Donnie Taylor (Ar St)
 13.6 *James Walker (Aub)
 13.89 ***Renaldo Nehemiah (Md)
 13.89 *Greg Robertson (Md)
 13.92 **Dave Still (Az)
 13.7 **Kerry Bethel (Ess CC)
 *Joe Siai Siai' (SLO)

13.95 *Sam Turner (LA St)
 13.96 Rodney Moore (TnT)

400 HURDLES (47.45, 47.45)

49.64+ *Quentin Wheeler (Cal)
 + *Bart Williams (CP/SLO)
 50.24+ James King (unat)
 50.37 *James Walker (Aub)
 50.54+ *Dennis Otono' (Ms St)
 50.74+ Rich Graybeh' (Sn Cal)
 50.92 Rick Walker (Tob)
 51.08 Phil Mills' (unat)
 51.15 *Greg Byram (Ok)

4 x 100 (38.03, 38.03)

39.04† Southern California
 39.18 Philadelphia Pioneers
 39.29 Tobias Striders
 39.64† Arizona State
 39.66* LSU
 39.84+ Stanford
 39.92* Maryland
 40.04+ San Jose State
 40.09* Auburn
 40.14+ Texas A&M
 + Long Beach State

4 x 400 (2:56.1, 2:56.1)

3:05.5† Southern California
 3:06.2† Southern U
 3:06.5† Florida State
 3:06.6 Stanford
 3:06.8 San Jose State
 3:06.9† Texas Southern
 3:07.3† Alabama
 † Howard
 3:07.8† Mississippi State
 3:08.0† UCLA

HIGH JUMP (7-7½, 7-7½)

7-7½i **Franklin Jacobs (FD)
 7-5i Kyle Arney (PPC)
 i Benn Fields (unat)
 i Gail Olson (Il HS)
 i Dwight Stones (DO)
 7-4 Bill Hansen (Ia)
 i **Kim Nielson (BYU)
 i Nat Page (UCTC)
 7-3½ *Roger Curtis (Az)
 7-3i **Dennis Lewis (Mi St)
 Brian Melly (Md)
 i Paul Underwood (Tob)

VAULT (18-8¼, 18-8¼)

18-5½i Mike Tully (UCLA)
 18-4 Larry Jessee (PPC)
 18-0 Don Baird' (unat)
 i Dan Ripley (PCC)
 17-8½i Earl Bell (PCC)
 i Bob Pullard (All Am)
 17-8¼ Mike Cotton (FAA)
 17-6i Roland Carter (Hurr)
 *Frank Estes (Ab Ch)
 17-4½i Jeff Taylor (CNW)

LONG JUMP (29-2½, 29-2½)

26-9½i Arnie Robinson (SDSGS)
 26-6i Tommy Haynes (US Ar)
 26-1i *Bob Calhoun (Md)
 25-11½** Larry Doubley (Sn Cal)
 25-11½ Randy Williams (Tob)
 25-10½ Al Ogunfeyimi' (Oh U)
 25-10½** Dannie Jackson (Az St)
 25-9¼ James Lofton (Stan)
 25-9¼i *Harvey Glance (Aub)

i *Derek Laing (Pur)

TRIPLE JUMP (58-8¼, 56-5¼)

55-8½i **Ian Campbell' (Wa St)
 55-4½i Ron Livers (SJ St)
 54-9½i Milan Tiff (Tob)
 54-9i James Butts (Tob)
 54-7½i **Steve Hanna' (UTEP)
 54-2i Tommy Haynes (US Ar)
 53-11i Willie Banks (UCLA)
 53-10½i *Jerome Hutchins (UTEP)
 53-4½i **Colm Cronin' (Brown)
 53-4 *Chris DeFrance (Az St)
 53-2 Rayfield Dupree (Macc)

SHOT (72-2¼, 71-8½)

68-8½i Al Feuerbach (PCC)
 67-1i Mac Wilkins (AW)
 66-10½i Colin Anderson (UCTC)
 64-2½i Mike Weeks (Macc)
 64-1½i Bruno Pauletto' (C Mi)
 63-8½ Doug Price (TBTC)
 63-4½i Terry Albritton (StTC)
 63-1 **Jeff Stover (Or)
 62-11i Hans Almstrom' (UTEP)
 62-6½i Gary England (unat)

DISCUS (232-6, 232-6)

200-7 Marcus Gordien (unat)
 198-3 Stan Cain (Al)
 195-0 Ray Burton (Unat)
 193-11 Dave Voorhees (Or)
 191-8 Darrell Elder (Sn Cal)
 191-1 *Svein Walvik' (UTEP)
 190-11 Jim MCGoldrick (Macc)
 190-2 Kent Gardenkrans' (BYU)
 190-1 Mike Weeks (Macc)
 188-10 Frank Gross (Adams St)

HAMMER (260-2, 235-11)

238-7 *Scott Neilson' (Wa)
 205-9 Ed Arcaro (Macc)
 204-6 Rich Perkins (OTC)
 204-3 Emmitt Berry (UTEP)
 203-2 ***Thom Sjoholm' (UTEP)
 200-6 Dave McKenzie (unat)
 198-1 **Greg Farmer' (NM)
 196-1 **Rick Bagley (Bell CC)
 194-8 Andy Bessette (NYAC)
 193-6 Ray Burton (unat)
 192-8 Mark Sawyer (Hay St)

JAVELIN (310-4, 310-4)

278-4 Phil Olsen' (Tn)
 273-5 Rod Ewaliko (CNW)
 272-3 Bob Roggy (Sn II)
 263-4 Bill Schmidt (KTC)
 261-7 **Tom Petranoff (PaJJC)
 252-10 Sam Strickland (CNW)
 252-6 Duncan Atwood (Wa)
 249-0 *Tom Sinclair (Wa)
 248-8 Eddie Williams (unat)
 248-4 Fred Carpenter (AIA)

DECATHLON (8618, 8618)

8011h John Warkentin (unat)
 7855h Al Hamlin (unat)
 7831h Mauricio Bardales (Irv)
 7762h Roger George (AW)
 7670h Tony Hale (Fisk)
 7575h Lee Palles (Ms St)
 7443h Dennis Adama (InTC)
 7368h Brian Mondschein (ITC)
 7312h Grant Niederhaus (Macc)
 7300h John Crist (unat)

WOMEN

100 METERS (10.88, 11.07)

11.2 **Andrea Lynch' (LB St)
 11.4 *Evelyn Ashford (UCLA)
 11.73 ***Rhonda Brady (Az St)
 11.5 Jones (UNLV)
 11.76 ***Kathy Crawford (Az St)
 11.6 ***Ch. Cheeseborough (TnS)
 11.87 *Gail Douglas (Sn Cal)
 11.89 Pam Pettus (Tn)
 11.7 Taylor (SD St)
 11.8 ***Debbie Adams (Or)
 ***Leleith Hodges' (TWU)

200 METERS (22.21, 22.62)

23.3 *Brenda Morehead (TnSt)
 23.4 *Evelyn Ashford (UCLA)
 23.78 ***Brenda Calhoun (Az St)
 24.11ti Freida Nichols' (DCS)
 24.30 ***Val Boyer (Az St)
 24.3 *Marie Nickson (Hay St)
 24.61ti Ther. Montgomery (MS)
 24.5 **Stephanie Brown (TWU)
 24.80 Pat van Wolvelaere (SnC)
 24.86 Leida Hunter (LB St)

400 METERS (49.29, 50.62)

53.27i Sharon Dabney (Clp)
 53.74ti *Lorna Forde' (LIU)
 54.49 **Avis Mailey (Az St)
 54.55i Pam Jiles (NOS)
 54.61i ***Kim Thomas (St John's)
 54.94ti Rosalyn Bryant (Ali)
 54.9ti *Paulette Clagon (Morg)
 55.2ti Sandra Farmer (NY HS)
 55.3ti Jackie Daniels (Temple)
 55.5ti *Yvette Coleman (Morg)

800 METERS (1:54.9, 1:57.9)

2:01.8 **Mary Decker (Co)
 2:05.0ti **Debbie Vetter (Ia St)
 2:05.4ti Francie Larrieu (PCC)
 2:05.6 Deanna Coleman (WaHS)
 2:06.1i Wendy Knudson (CI)
 i *Jan Merrill (Ct C)
 2:07.6ti Darlene Beckford (MaHS)
 2:09.9ti **Kathy Weston (North)
 2:09.2ti ***Ros. Gianpalmio (FIS)
 Nancy Shafer (FTC)

1500 METERS (3:56.0, 4:02.6)

4:08.9 **Mary Decker (Co)
 4:14.0i Francie Larrieu (PCC)
 4:15.2i *Jan Merrill (Ct C)
 4:17.9i **Debbie Vetter (Ia St)
 4:18.0i Cindy Bremser (WiTC)
 4:18.5 Debbie Heald (SFVTC)
 4:18.9i Lynn Jennings (MaHS)
 4:21.5*** Ruth Caldwell (Ct C)
 *Brenda Webb (Tn)
 4:23.0i Charlotte Lettis (LAC)

3000 METERS (8:27.1, 8:46.6)

8:57.6i *Jan Merrill (Ct C)
 9:27.6i **Joan Benoit (NC St)
 9:28.3i Ellison Goodall (Duke)
 9:32.1 **Debbie Quatier (S Pac)
 9:42.9i Lynn Jennings (MaHS)
 9:43.7i Valeri Ford (NC St)
 9:50.5*** Heather Tolford (Or)
 9:52.8*** Kathy Adams (Wa)
 9:52.9i *Marybeth Spencer (Wi)

5000 METERS (15:37.0, 15:37.0)

16:22.5** Joan Benoit (NC St)
 16:23.3 Ellison Goodall (Duke)
 16:56.4** Sally Metteer (Cal)
 17:04.3*** Heather Tolford (Or)
 17:05.6** Linda Broderick (UCLA)
 17:10.1 Nancy Shafer (FTC)
 17:16.2*** Linda Heinmiller (UCLA)
 17:16.8*** Debbie Richie (Or)
 17:19.9** Lynn Lashley (Tn)
 10,000 M (32:43.2, 33:15.1)
 34:20.5 Julie Brown (North)
 34:52.3 Sue Kinsey (North)
 35:08.1*** Kathy Adams (Wa)
 36:59.8 Jane Robinson (CNW)

MARATHON

(2:34:38, 2:37:57)
 2:46:15 Martha Cooksey (unat)
 2:46:46 Irene Griffith (WaHS)
 2:52:10 Cindy Dairymple (HTC)
 2:53:11 Lauri Pedrinan (GNYAA)

100 HURDLES (12.59, 13.24)

13.43 Pat van Wolvelaere (SnC)

13.68 ***Rhonda Brady (Az St)
 13.74 ***Brenda Calhoun (Az St)
 14.03 *Mitzi McMillin (Sn Cal)
 13.8 **Cecilia Branch' (UNLV)
 13.8 **Mary Smith (Tx Sn)
 14.0 Nanci Arnold (TTC)
 **Lena Gibbs (TWU)

400 HURDLES (55.63, 56.61)

60.14+ Sandra Levinski (TWU)
 61.84+ Collette Winlock (Hay St)
 62.04+ Tammi Etienne (Tx)
 62.71 **Denise Waddy (Az St)
 62.74+ Judy Pollion (Tn HS)
 63.14+ **Darla Pareboom (Wa)
 63.33 **Kath Murphy (UCLA)
 63.52 Patty Cape (LB St)
 63.64+ Georgene Rose (Or)
 64.24+ Debra Melrose (PV)

4 x 100 (42.50, 42.87)

44.04t Tennessee State
 45.34t Texas Woman's
 45.44t Prairie View
 45.54t Texas Southern
 45.66* Arizona State
 46.19* Southern Cal
 46.76 Long Beach State
 47.14t Nevada/Las Vegas
 47.44 UCLA

4 x 400 (3:19.2, 3:22.8)

3:43.2i Atoms
 3:44.0ti Howard
 3:44.9t Prairie View
 3:46.2ti Colorado Flyers
 3:46.6i DC Striders
 3:46.7ti Maryland
 3:47.0t Texas Woman's
 3:47.3ti Morgan State
 3:47.4ti Flashettes
 3:47.8ti LA Mercuresses

HIGH JUMP (6-6½, 6-2¾)

6-4i Joni Huntley (LB St)
 6-0i **Maggie Garrison (Wa)
 **Paula Girven (Md)
 **Louise Ritter (TWU)
 5-10½i Anne Gilliland (NM HS)
 5-10i Sharon Burrill (Co HS)
 Jalene Chase (Md)
 i *Pam Spencer (S Pac)
 5-9 Deb Arter (Kear St)

i ***Shawn Corwin (Ks)
 i Sally McCarthy (Wa HS)

LONG JUMP (22-1¼, 22-3)

20-9½i **Jodi Anderson (North)
 20-6¼i **Mod. Oshikoya' (UCLA)
 20-4¼ **Debbie Carson (Az St)
 20-3¾i **Kathy McMillan (Tn St)
 20-3¾ Amy Davis (Hous TC)
 20-1¼ **Shonell Ferguson' (FI)
 20-1i ***June Griffith' (Adel)
 19-10i Lorraine Ray (FI)
 19-9¼ Judy Pollion (Tn HS)
 *Sherron Walker (LB St)

SHOT (73-2¾, 60-6½)

61-2¼i Maren Seidler (Stars)
 50-5½i Kathy Devine (Emp St)
 50-4¼i **Cecil Hansen' (OK)
 20-1¼ **Caryl Van Pelt (Wa)
 49-3½i *Jill Stenwall (Kear St)
 49-0i *Marcie Mecklenburg (SP)
 48-8¼i **Diane Patrick (More St)
 48-8i ***Jennifer Smit' (UTEP)
 48-3½i **Branwen Smith' (Spring)
 47-11i Lorna Griffin (Sea Pac)

DISCUS (231-3, 187-2)

180-3 Jane Haist' (Tn)
 176-11 ***Ria Stalman' (UTEP)
 174-0 *Julie Hansen (Sea Pac)
 173-5 Lorna Griffin (S Pac)
 158-1 ***Betty Bogers' (UTEP)
 156-0 **Caryl Van Pelt (Wa)
 153-4 Londa Langford (ML)
 Karen Marshall (North)
 148-8 **Mary Stevenson (Or)
 148-5 Julie Cart (Az St)

JAVELIN (227-5, 227-5)

178-6 **Cathy Sulinski (Hay St)
 172-0 **Celeste Wilkinson (AzSt)
 169-10 Donna Dietrich (SD St)
 157-8 **Keri Camarigg (LB St)
 156-4 Chris Hunt (Oned)
 153-5 Pat Brown (Wa)
 151-11 J. Storey (P-Pitz)
 146-8 ***Kitzi Hall (Or St)
 144-9 Jackie Nelson (unat)
 144-1 Nancy Townsend (FI St)

PENTATHLON (4839, 4625)

3615 Heidi Hertz (Tn)

IAAF CROSS COUNTRY CHAMPIONSHIPS

Glasgow, Scotland, March 25 /cold, rainy; course very muddy/-

MEN /12,300m/-Treacy (Eire-Prov) 39:25; 2. Antipov (SU)

39:28; 3. Lismont (Bel) 39:32; 4. Simmons (Eng) 39:51; 5. Arbogast (Co TC) 39:52; 6. Virgin (AW) 39:54; 7. Muir (Scot) 40:00; 8. Fava (It) 40:03; 9. Sellik (SU) 40:08; 10. Levisse (Fr) 40:10;

11. Jones (Wales) 40:15; 12. Bougeurra (Tun) 40:16; 13. Rault (Fr) 40:19; 14. Deegan (Eire-Prov) 40:22; 15. Wild (Eng) 40:24; 16. Herle (WG) 40:25; 17. Zarcone (It) 40:25; 18. Bouster (Fr) 40:25; 19. McKean (Scot) 40:29; 20. Meyer (NJAA) 40:33;

21. Moiseyev (SU) 40:35; . . . 29. Wells (AW) 40:47; . . . 33. Leddy (Eire-Knox TC) 40:56; . . . 41. Karst (WG) 41:15; . . . 44. Rodgers (GBTC) 41:20; 45. Simoes (Port) 41:21; . . . 47. Smet (Bel) 41:23; 62. Ford (Eng) 41:50; . . . 67. Clement (Scot) 42:00; . . . dnf-Lopes (Port), Polleunis (Bel), Hermens (Hol).

Teams: 1. France 151; 2. U. S. 156; 3. England 159; 4. USSR 169; 5. Belgium 175; 6. Eire 189; 7. West Germany 240; 8. Italy

276; 9. Scotland 291; 10. Spain 324.

JUNIORS /7036m/-Morton (Eng) 22:57; 1. Earl (Can) 23:10;

3. Alario (Sp) 23:11; 4. Esparcia (Sp) 23:12; 5. Carroll (Eire) 23:14; 6. Pasaryuk (SU) 23:15; 7. Zinovjets (SU) 23:20; 8. Dillon (Can) 23:23; 9. De Pauw (Bel) 23:23; 10. Berry (Cal HS) 23:24.

Teams: 1. England 53; 2. Canada 53; 3. Spain 54; 4. USSR 60; 5. Belgium 72; 6. Eire 84; 7. U. S. 110; 8. Italy 111; 9. Scotland 140; 10. Portugal 150.

WOMEN /4728m/-Waitz (Nor) 16:19; 2. Maracescu (Rum)

16:49; 3. Puica (Rum) 16:59; 4. J. Shea (NC St) 17:12; 5. Burki (Switz) 17:13; 6. Greschner (WG) 17:14; 7. Merrill (Ct C) 17:17; 8. Gazibara (Rum) 17:18; 9. Smith (Eng) 17:23; 10. Valero (Sp) 17:26;

11. Mills (Pa St) 17:27; . . . 15. Webb (Tn) 17:36; . . . 18. Stewart (Eng) 17:39; 19. Kazankina (SU) 17:43; . . . 21. Vahlensieck (WG) 17:45.

Teams: 1. Rumania 30; 2. U. S. 37; 3. England 55; 4. West Germany 85; 5. Poland 122; 6. Eire 152; 7. Spain 159; 8. Norway 165; 9. France 166; 10. Canada 184.