

TRACK NEWSLETTER and TrackStats

UNITED STATES OUTDOOR RESULTS

EL PASO RELAYS, El Paso, Tex., Feb. 26—100(w), Stewart (El Paso-Jam) 9.2; 2. Fray (unat-Jam) 9.5. PV, Winter (NMJC) 16-6. TJ(w), Vanley (EPTC) 50-8¾. SP, Høglund (El Paso-Swe) 61-0. HT, Farmer (El Paso-Aus) 196-1; 2. Nunn (El Paso) 183-10. 440R, El Paso 40.5 (H. Williams, S. Williams, Stewart, Jackson). 880R, El Paso 1:24.3 (same team).

PENTATHLON, Sacramento, Calif., Feb. 26—J. Carter (USAF) 3245 (22-2½, 160-2, 22.9, 126-4, 4:52.3). AC, El Paso, Tex., March 4—100(ok), S. Williams (El Paso) 9.3; 2. Stewart (El Paso-Jam) 9.3. PV, Heglar (P Coast) 16-4; 2. Curnow (El Paso) 16-0.

HS DUAL, Tulsa, Okla., March 7—100(w), Williams (Washington, Tulsa, Okla) 9.4. AC, El Paso, Tex., March 11—100(questionable times), Joseph (EPTC-Trin) 9.3; 2. Cooper (EPTC) 9.4. PV, Heglar (P Coast) 16-9.

NATIONAL 35-KILO WALK CHAMPS, Hollywood, Calif., March 19—Young (Col Coll) 2:52:41 (1:36:10 20-kilo); 2. Bowman (Strid) 3:00:02 (1:39:49); 3. Ranney (Athens) 3:01:22 (1:38:35); 4. Scully (Shore AC) 3:03:37 (1:40:31); 5. Henderson (US Army) 3:12:50 (1:45:03); 6. Ryan (Strid) 3:14:17 (1:44:01).

TRI, Charlottesville, Va., March 25—TJ(ok), Kelly (N Car) 50-1½.

QUAD, Oklahoma City, Okla., March 25—HT, Neugent (Okla Chris) 180-10.

TEXAS TECH INVITATIONAL, Lubbock, Tex., March 25—100(w), Johnson (Lubb Chris) 9.2. 120HH(w), Brown (W Tex St) 13.8. PV, Parris (McMurry) 16-¾. SP, Matson (Tex Strid) 65-9½.

EL PASO 106-OKLAHOMA STATE 58-WYOMING 16½, El Paso, Tex., March 25—100(w), S. Williams (EP) 9.2; 2. Stewart (EP-Jam) 9.2; 3. Jackson (EP) 9.2; 4. Schultz (OS) 9.3; 5. Thoeming (W) 9.4. 220(w), S. Williams 20.4; 2. Schultz 21.0. 120HH(w), Gibson (P Coast-guest) 13.8. PV, Curnow (EP) 16-6; 2. Heglar (P Coast-guest) 16-0. TJ(w), Hall (EP) 50-¾. SP, DeBernardi (EP) 61-8; 2. Høglund (EP-Swe) 60-¾. DT, DeBernardi 185-0. HT, Farmer (EP-Aus) 207-6. 440R, El Paso 39.5 (Stewart, S. Williams, H. Williams, Jackson); 2. Oklahoma State 40.4. (Burks, Kurrasch, Schultz, Bolding).

EASTER DECATHLON, Santa Maria, Calif., March 27-28—Bennett (US Army) 7587 (10.6, 24-6¾, 39-3, // 6-1¼, 49.3, 15.1, 114-9, 14-¼, 186-0, 4:31.2); 2. Stewart (Can) 7438 NR (11.0, 22-9, 42-11¼, 6-5¼, 51.5, 15.4, 123-6, 14-6, 186-8, 4:42.0); 3. J. Carter (USAF) 7444 (10.8, 23-4, 42-9, 5-11, 50.9, 15.8, 132-11, 15-6¼, 168-5½, 4:38.6); 4. Kring (Hancock JC) 7210 (10.7, 22-11¼, 35-3¾, 6-1¼, 49.1, 14.8, 96-8, 14-6, 155-2, 4:32.1); 5. Bajema (S Diego St) 7168 (10.7, 23-6, 40-½, 6-1¼, 49.9, 14.8, 102-10½, 11-0, 186-6, 4:35.3); 6. Thoreson (unat) 7111 (11.0, 22-10¾, 38-2¼, 6-3¾, 53.3, 15.8, 140-11, 14-¼, 177-1, 5:01.4); 7. Harvey (USAF) 6736; 8. Hanson (UCSB) 6660; ... dnf—Moro (Can) 5355 8-events; Hupp (CW) 1940 3-events.

CHERRY TREE MARATHON, New York, N.Y., March 28—Hollander (En Mich) 2:23:17.6.

AC, Gainesville, Fla., March 28—Mile, Brown (Fla TC) 4:06.0. 440IH, Wood (Richmond) 51.8.

OKLAHOMA-NORTH TEXAS STATE, Denton, Tex., March 28—120HH(w), Jubert (NT) 14.0. PV, Craig (O) 16-6; 2. McColm (O) 16-0.

5-WAY, Tucson, Ariz., March 28—100(ok), S. Williams (El Paso) 9.4. PV, White (Ariz) 16-1¼; 2. Curnow (El Paso) 16-1¼. SP, DeBernardi (El Paso) 63-0; 2. Høglund (El Paso-Swe) 58-9½. DT, DeBernardi 189-6; 2. Gunzel (Ariz) 183-2. 440R, El Paso 40.2 (Pullin, S. Williams, H. Williams, Jackson); 2. Arizona 40.8.

TRI, Tempe, Ariz., March 28—Mile, Selby (Nn Ariz-GB) 4:05.5.

DECATHLON, Fresno, Calif., March 28-29—Warkentin (Strid) 7581 (11.3, 22-9, 45-0, 6-2½, 48.8, 14.9, // 141-5½, 13-5, 184-7, 4:34.2); 2. George (Fres St) 7274 (11.6, 21-10, 41-4½, 6-4, 49.4, 15.6, 123-2½, 13-9, 180-1½, 4:25.9); 3. Pannel (Westmont TC) 7269 (11.2, 22-6, 42-9½, 6-1⅝, 50.3, 14.5, 126-11½, 12-6, 192-3, 4:51.4); ... dnf—Gough (Falcon TC) 3856 first day.

PENN STATE-EAST TENNESSEE STATE, Johnson City, Tenn., March 29—100(ok), Holloway (ET) 9.4. 120HH(w), Fields (ET) 13.9.

DECATHLON, El Paso, Tex., March 29-30—Gibson (P Coast) 6979 (13.8ok HH=decathlon best).

WESTERN MICHIGAN INVITATIONAL, Kalamazoo, Mich., March 31—HT, Phillips (Wn Mich) 182-8.

TRI, Philadelphia, Pa., April 1—PV, Blair (Penn) 16-0.

TRI, Baton Rouge, La., March 31—Mile, Howe (Kans St) 4:02.3; 2. Hitchcock (Kans St) 4:05.0. SP, Brosius (Kans St) 59-7½. MileR, Louisiana State 3:11.6 (Wills 46.2).

TRI, Los Angeles, Calif., March 31—100(ok), Pender (US Army) 9.4 (world age-34 best); 2. Miller (Strid-Jam) 9.5. PV, Lagerqvist (Swe-guest) 16-6; 2. Williamson (NYAC-guest) 16-0; 3. Richards (P Coast-guest) 16-0. TJ(ok), Walker (Strid) 50-1¼. SP, B. Wilhelm (US Army) 64-3¼; 2. Patera (unat-guest) 63-8½. DT, Van Reenen (Cal TC-guest) 204-3; 2. tie, Kohler (Strid) & Vollmer (US Army) 186-0; 4. Antunovich (Strid-NZ) 185-4. JT, Kaveny (Cal TC-guest) 244-6.

AMERICAN U RELAYS, Washington, D.C., April 1—PV, Struble (Md) 16-5½. SP, Hearon (Spts Intl) 58-10½. DT, Drescher (Spts Intl) 197-5. HT, Dinneen (unat) 191-3; 2. McLaughlin (Navy) 184-4. JT, Richardson (Spts Intl) 252-5; 2. White (Spts Intl) 238-0.

STATE-RECORD RELAYS, Columbia, S.C., April 1—440IH, Wood (Richmond) 51.5. 3000mSt, Beardmore (Duke) 8:54.6; 2. E. Leddy (E Tenn St-Eire) 9:00.0. HJ, Dunn (Colg) 7-¾. PV, McMillen (Fla St) 16-1. TJ, Davenport (E Car) 51-½w (50-3½ok); 2. Kelly (N Car) 50-11¼w; 3. Coleman (Fla) 50-10¼ok; 4. McClure (Mid Tenn St) 50-9½ok. DisMedR, North Carolina 9:50.0.

ALABAMA RELAYS, Tuscaloosa, Ala., April 1—PV, Johnson (Ala) 17-5. SP, Hannah (Ala) 58-11. 440R, Alabama 40.6 (Echols, Cargile, Odums, Whatley).

TENNESSEE 103-WISCONSIN 50-NOTRE DAME 38, Knoxville, Tenn., April 1—Sp LJ(ok), Chilton (Knox TC) 25-3; 2. Boston (Knox TC) 24-11. DT, Polselli (N Dame-Can) 178-8. HJ, Matzdorf (Wisc) 6-8.

ARKANSAS RELAYS, Fayetteville, Ark., April 1—120HH(w), Brasell (McNeese St) 13.9; 2. Stubbs (La Tech) 14.0. LJ(w), Smith (La Tech) 24-9¼. TJ(w), Gray (Mo) 50-8½. SP, Frieze (Mo) 58-10½. JT, Bamburg (La Tech) 252-4.

OKLAHOMA 87-ACC 58, Norman, Okla., April 1—PV, Craig (O) 16-0. JT, Franklin (O) 238-3.

TRI, Albuquerque, N.M., April 1—100(5.14), Schultz (Okla St) 9.3; 2. Henderson (NM) 9.4. 220 (11.18), Schultz 20.8. HJ, Nyman (NM-Swe) 6-11. PV, Jernberg (NM-Swe) 16-2. TJ, Steffes (NM) 52-9¼w (51-7¼ok). JT, Smiding (NM-Swe) 238-0. 440R, Oklahoma State 40.7.

TEXAS 77-RICE 50-TEXAS A&M 42, Austin, Tex., April 1—120HH(3.5), Hodges (T) 14.0. HJ, Tompkins (T) 7-1 (previous PR 6-9¼); 2. Oates (T) 6-10. PV, Roberts (R) 16-0. DT, Stadel (R) 189-11. 440R, A&M 40.8.

TRI, Fort Worth, Tex., April 1—LJ(ok), Brabham (Bay) 24-8½. SP, Walker (SMU) 58-9½.

QUAD, El Paso, Tex., April 1—440, S. Williams (El Paso) 45.7 (frosch, previous best 48.1); 2. Priestley (Nebr-Jam) 46.2; 3. Joseph (EPTC-Trin-guest) 46.6. 220(ok), H. Williams (El Paso) 21.0; 2. Jackson (El Paso) 21.0. 120HH(ok), Gibson (P Coast-guest) 13.7; 2. Butts (Nebr) 14.0. PV, Curnow (El Paso) 16-9. SP, DeBernardi (El Paso) 66-5 (63-7½, f, 64-9¼, 66-4, f, 66-5); 2. Høglund (El Paso-Swe) 62-1½. DT, DeBernardi 192-8. HT, Farmer (El Paso-Aus) 210-9. 440R, El Paso 39.8 (Stewart, S. Williams, H. Williams, Jackson); 2. El Paso TC 40.6 (West, Joseph, Cooper, Gibson). MileR, El Paso 3:11.1 (S. Williams 46.1); 2. Nebraska 3:11.8.

BYU INVITATIONAL, Provo, Utah, April 1—440, Mann (Strid) 47.4 (also won 220, 21.8). 440IH, Low (BYU) 51.9. HJ, Alarotu (BYU-Fin) 6-10. TJ(nwi), Langeland (BYU-Nor) 50-4. SP, Silvester (unat) 61-2; 2. Arrhenius (BYU-Swe) 61-½; 3. Caulfield (Ut St-Can) 58-1¼. JT, Uitto (unat-Fin) 243-0.

PACIFIC COAST 75-CALIFORNIA 70-ARIZONA STATE 33, Tempe, Ariz., April 1—Mile, Scott (PC-Aus) 4:06.0 (world age-35 best). 440IH, Johnson (PC-NZ) 52.0. HJ, Shepard (PC) 7-0. PV, Richards (PC) 16-0. SP, Feuerbach (PC) 66-6½. DT, Lister (PC) 188-8; 2. Penrose (C) 186-4; 3. Weber (PC) 179-2. JT, Murro (PC) 248-5; 2. Kennedy (Cal-Rho) 238-2.

SAN DIEGO STATE-LONG BEACH STATE, San Diego, Calif., April 1—440IH, Williams (SDTC-guest) 51.8. PV, Smith (LB) 16-0; 2. Olander (SDTC-guest) 16-0.

AC, San Francisco, Calif., April 1—100(nwi), Shinnick (USAF) 9.5. 3Mile, Mora (Columbia) 13:31.6. 120HH(nwi), Bettiga (Humb St) 13.9; 2. Carty (P Coast) 14.2. PV, Slover (BA Strid) 16-6. SP, Samsam (BA Strid-Moroc) 65-3½ NR; 2. Marks (P Coast) 63-9.

Track Newsletter supplements Track & Field News with (1) marks of US and international men's track and field competitions, indoors and out, which qualify for T&FN's annually revised reporting standards or which are achieved by world ranking athletes, (2) complete summaries of major competitions, and (3) selected highlights of cross country, marathon and walking races.

TrackStats offers statistical compilations and analyses in track and field.

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Frequently used abbreviations: exact wind readings, if available, are always given in miles per hour (mph)—ok=wind below legal limit of 4.473 mph; windy=wind exceeding 4.473 mph; " " before reading indicates headwind; nwi=no wind information or incomplete data; h=heat; sf=samfinal; f=foul; p=pass; disq=disqualified; dnf=did not finish; dns=did not start; nh=no height; nt=no time; inj=injured; PR=personal record; NR=national record; WR=world record; ER=European record; AR=American record; BCR=British Commonwealth record; AfrR=African record; CR=collegiate record; JCR=junior college record; HSR=high school record.

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JC DUAL, Santa Rosa, Calif., Feb. 18—HJ, Redmond (Diablo Valley) 6-10¼.

JC DUAL, San Mateo, Calif., March 14—HJ, Redmond (Diablo Valley) 7-0.

WESTMONT-UCSB, Santa Barbara, Calif., April 1—100(ok), Ravelomanantsoa (W-Mal R) 9.3.

SOUTHERN CALIFORNIA 112-OCCIDENTAL 33, Eagle Rock, Calif., April 1—220(nwi), Garrison (SC) 21.2; 2. W. Turner (Cal Int-guest) 21.3. 120HH(w), Wilson (SC) 13.8; 2. Babb (SC) 13.9. HJ, Owens (SC) 7-¾. PV, Pullard (SC) 16-9. LJ(w), Whitley (Cal Int-guest) 25-3½. SP, Lane (SC) 62-2¾. JT, Barnet (SC) 246-4. 440R, California International 41.0; . . . 3. Southern California 44.0.

UCLA 91-KANSAS 62, Westwood, Calif., April 1 (70°, sunny, light wind)—100(1.1), Edmonson (UC) 9.5. 220(2.8), Edmonson 20.6; 2. Lutz (K) 20.7; 3. Gibson (UC) 20.9; 4. Brown (UC) 20.9. 440, Smith (UC) 47.2 (first open race of year). 3000mSt, Callen (K) 8:51.6. 120HH(0.0), Rich (UC) 14.0. SpHH(ok), White (Strid) 14.0. 440IH, Corval (UC-Fr) 51.7; 2. Bornkessel (K) 51.7. HJ, Stones (UC) 7-¼ (made 7-2 on 4th try); 2. Fletcher (UC) 6-10. PV, Hatcher (K) 16-9; . . . nh—Tracanelli (UC-Fr). LJ, Bendixen (UC-Nor) 25-¼w (24-10¼ok); 2. McAlister (Cal TC-guest) 24-8¼ok. TJ, Butts (UC) 52-6w (51-8¾ok); 2. Stull (K) 49-8¼w. SP, LeDuc (K) 58-3½; 2. Guevara (K) 57-8¼; 3. Pagel (UC) 57-6¾. DT, Gordon (UC) 180-6; 2. Freberg (UC) 177-6. 440R, Kansas 40.3 (Scavuzzo, Williams, Lutz, Edwards); . . . disq—UCLA 41.3. MileR, UCLA 3:10.4 (Smith 46.8, Brown 45.6).

OREGON INVITATIONAL, Eugene, Ore., April 1 (light rain, nil wind)—800m, Bence (Ore) 1:49.2. 1500m, Lathers (Ore) 3:45.6; 2. Smylie (Ore) 3:46.0; 3. Feig (Ore) 3:46.1; . . . 5. Moore (Ore TC) 3:48.1. 2Mile, Prefontaine (Ore) 8:35.8; 2. S. Savage (Ore TC) 8:44.0; 3. Ritchie (Ore-Can) 8:46.6; 4. M. Savage (Ore) 8:48.4. 3000mSt, Gorman (Ore TC) 8:48.0; 2. Long (Ore) 8:52.0; 3. Williams (Ore) 8:57.0. 110mHH(ok), Harris (Ore) 14.0. LJ(ok), Moore (Ore) 25-1. SP, Shmock (Ore) 59-8. DT, Wilkins (Ore) 187-3; 2. Wolf (Ore) 178-0. HT, Bolliger (Ore) 175-1. JT, Feldmann (Wash) 243-2; 2. Francis (Ore) 237-9; 3. Daniel (Ore) 232-0. 440R, Oregon 40.2 (Mays, Harris, Buford, Hearvey); 2. Sacramento State 40.6. Dec(3/31-4/1), Brigham (South Eugene HS) 7373 HSR (old HSR 7253 Campbell [Plainfield, NJ] 53) (11.1, 22-1, 47-6½, 6-2⅞, 51.8, 16.4, 151-3, 15-¾, 174-8, 4:55.9); 2. Stephens (Ore Coll/Educ) 7133 (10.9, 23-2¾, 41-7¾, 6-4¾, 50.0, 14.9, 132-11, 12-½, 116-3½, 4:41.9).

OREGON STATE 95-SAN JOSE STATE 50, Corvallis, Ore., April 1—SP, Walker (OS) 59-8½; 2. Born (SJS) 58-2½.

WASHINGTON STATE-IDAHO, Pullman, Wash., April 1—120HH(w), Wheeler (I) 13.9. HJ, Liddle (WS) 6-11¼; 2. Niehl (WS) 6-10.

SPOKANE FALLS RELAYS, Spokane, Wash., April 1—JT, Luke (Husky SC) 251-8.

TRI, Burnaby, B.C., April 1—SpHT, Cairns (Can) 195-2; 2. Salmond (Can) 193¼; 3. Keating (Can) 179-5.

DIABLO VALLEY RELAYS, Pleasant Hill, Calif., April 1—HJ, Redmond (Diablo Vall JC) 6-10; 2. Miller (Diablo Valley JC) 6-10.

AC, El Paso, Tex., April 4—100(ok), Jackson (El Paso) 9.5; 2. Gibson (P Coast) 9.5. PV, Heglar (P Coast) 16-0. HT, Farmer (El Paso-Aus) 211-7; 2. Nunn (El Paso) 180-7. 440R, El Paso TC 40.7 (Gill, West, Joseph, Gibson).

JC DUAL, Fresno, Calif., April 7—TJ(ok), Lopez (Fresno CC) 50-5¾.

DECATHLON, Hayward, Calif., April 7-8—Bakley (Westmont) 7394 (11.1, 22-10½, 44-10¼, 6-7⅞, 50.6, 15.3, 143-0, 13-6, 174-3, 4:42.8); 2. Warkentin (Strid) 7340 (11.5, 22-3½, 43-3¼, 6-7⅞, 49.9, 15.2, 138-3, 12-6, 194-9, 4:28.2).

KENTUCKY RELAYS, Lexington, Ky., April 7(a)-8(b) (cold and windy)—100m(b, —), J.Green (Phil PC) 10.5; 2. Crockett (Sn III) 10.5; . . . 4. Goodrich (UCTC) 10.8; 5. Vaughan (unat) 10.8; 6. Harris (Ohio St) 11.0. Univ100m(b), Semis: III(3.7)-1. Ware (Cuyahoga CC) 10.2. 5000m(b), Herold (Wisc) 14:07.6 (13:43.2); 2. Baldwin (Ky) 14:09.6; 3. Lightfoot (AATC-GB) 14:10.0. 10,000m(a), Minty (En Mich-GB) 29:10.2; 2. Baldwin 29:16.8; 3. Gross (Ill) 29:17.6; 4. Mander (Ind) 29:27.4; 5. Hatfield (W Va TC) 29:37.2; 6. Harris (Wn Mich) 29:44.4. 3000mSt(b), Brown (Tenn) 8:55.4; 2. Kelley (Ind) 9:04.0; 3. Sink (B Green St) 9:05.8. 110mHH(b, ok), High (Tenn) 13.8; 2. Derr (Cent Mich) 14.0. Heats(a): IV(—)-1. Jacques (Nn III) 13.9; 2. High 14.0. 400mIH(b), Steele (AATC) 52.7. HJ(b), Adama (Ind) 7-0; 2. Matzdorf (Wisc) 6-8. Open HJ(b), Bowers (UCTC) 6-10. LJ(b, ok), Bolin (Purd) 24-9½. TJ(b, ok), Craft (UCTC) 52-2. SP(b), Bilder (Nn III) 58-2. Open SP(b), Davis (UCTC) 59-10¼; 2. John Stuart (Glasgow AC) 58-8. DT(b), Soudek (AATC-Aut) 193-8. HT(a), Accambray (Kent St-Fr) 215-0; 2. Schoterman (Kent St) 242-7. JT(b), Dowswell (Ohio U-Can) 246-4. Open JT(b), Kouvol (unat) 242-5. 480HHR(b): I-1. Tennessee 57.8; 2. Pitt 58.9; 3. Western Michigan 59.8. II-1. Central Michigan 59.6. Dec(a-b), DeVries (En Mich) 6925.

BYU 81-ARIZONA STATE 69-UTAH 34, Tempe, Ariz., April 8—220(ok), Koeppen (AS) 21.0. 440IH, Low (BYU) 52.1. HJ, Alarotu (BYU-Fin) 6-10. SP, Arrhenius (BYU-Swe) 62-9. DT, Pecar (BYU-Yug) 184-0. JT, George (BYU) 238-5.

QUAD, Los Angeles, April 8—PV, Hamer (CP/SLO) 16-1.

TEXAS RELAYS, Austin, Tex., April 7(a)-8(b) /a—high 80s, humid, attendance 6000; b—mid 80s, 15-25 mph wind, attendance 18,250; times adjusted to 10ths from manual 100th timing; from George Grenier/—100(b, —), Branch (Colo) 9.6; 2. Taylor (Tex Sn) 9.7; 3. Porter (SWn La) 9.7. Heats(a): I(ok)-1. Porter 9.3. II(ok)-1. Branch 9.3. 880(a), Ryun (CW) 1:48.1 (54.1); 2. Swenson (US Army) 1:50.5; 3. Rose (P Coast) 1:50.6; . . . 7. Matina (unat) 1:52.5; 8. Morton (Ft Mac) 1:54.8. Mile(b), Pearson (EPTC-Can) 4:07.5. 2Mile(b), Stewart (MATC) 8:46.6; 2. Hilton (Houst TC) 8:52.0; 3. Stageberg (Geotwn AA) 8:54.0; 4. Von Ruden (P Coast) 9:04.0. 3Mile(a), Halberstadt (Okla St-S Afr) 13:33.4; 2. Geis (Rice) 13:34.6; 3. Smith (Ala) 13:44.0; . . . disq—Bjorklund (Minn) 13:40.8. 6Mile(4/6), Bachelor (Fla TC) 27:47.6 (4:31.2, 9:06.5, 13:43.8, 18:26.6, 23:10.0); 2. Shorter (Fla TC) 28:25.4; 3. Garcia (unat) 28:34.0; 4. Fordjour (H Payne-Gha) 29:03.2; 5. Elder (LSU) 29:06.6; 6. Ziegler (Okla) 29:19.2. 120HH(b, -2.0), Hill (Ark St U) 13.9; 2. Brown (W Tex St) 14.0; 3. Stubbs (La Tech) 14.0. Heats(a): I(6.8)-1. Hill 13.4; 2. Jones (Tex A&M) 13.8. II(8.0)-1. Upton (NE La) 14.0; 2. Brown 14.0. III(5.1)-1. Washington (Tex Sn) 13.9; 2. Brasell (McNeese St) 13.9; 3. Lightfoot (Tex) 14.0. IV(11.2)-1. Hodges (Tex) 14.0; 2. Stubbs 14.0. 440IH(a), Bolding (Okla St) 50.3; 2. Sullivan (Ala) 51.0; 3. Ohman (NM-Swe) 51.3; 4. Bornkessel (Kans) 51.4. Heats(a): I-1. Sullivan 52.0. II-1. Colglazier (ACC) 51.8. IV-1. Bolding 51.7. V-1. Britain (SF Austin St) 52.1. UnivMile(b), J.Stewart (LSU) 4:06.7.

HJ(b), Kafer (Bay) 7-0; 2. tie, Beutow (Minn) & Schur (Kans) 6-10; 4. Tompkins (Tex) 6-10; 5. Shanklin (NE La) 6-10; 6. Ray (Rice) 6-10. OpenHJ(b), Elliott (P Coast) 7-1; 2. Radetich (Staters) 7-0; 3. Fosbury (Staters) 6-10; 4. McGill (MATC) 6-10. PV(b), Johnson (Ala) 16-6; 2. Hurley (Fla) 16-6; 3. Hatcher (Kans) 16-0; 4. Speer (Colo) 16-0; . . . nh—Roberts (Rice). Open PV(b), Isaksson (Swe) 18-1 WR, ER (old WR, ER 18-½ Papanicolaou [Greece] 70) (16-6(1), 17-1¼(2), 18-1(2) tried 3 at 18-3); 2. Roberts 17-1¼; 3. Lagerqvist (Swe) 16-6; 4. R. Carter (unat) 16-6; 5. Heglar (P Coast) 16-6. LJ(a, —), Owusu (Ang St-Gha) 25-4¼; 2. Smith (La Tech) 24-10¾; 3. Brabham (Bay) 24-9¾. SP(b), DeBernardi (El Paso) 65-8¾; 2. Hoglund (El Paso-Swe) 62-3; 3. Walker (SMU) 61-9½; 4. Anderson (Minn) 61-7½; 5. Brosius (Kans St) 60-7¼; 6. Hannah (Ala) 58-11¼. OpenSP(b), Matson (Tex Strid) 69-2¼; 2. DeBernardi 65-6¾; 3. Hoglund 62-3; 4. Salb (MATC) 63-11¾; 5. S. Wilhelm (MATC) 60-9½; 6. Walker 60-6¼. DT(a), Stadel (Rice) 191-0; 2. DeBernardi 190-6; 3. Brosius 178-11; 4. Thomas (Tex) 177-2. JT(a), Smiding (NM-Swe) 260-11; 2. Bamberg (La Tech) 253-2; 3. Colson (Kans) 250-5; 4. Morland (Kans St) 242-2; 5. Hynek (Emp St) 239-4; 6. Pere (Lamar Tech) 238-8.

University Relays: 440R(b), El Paso 40.0 (Stewart, S. Williams, H. Williams, Jackson); 2. SMU 40.6; 3. Kansas State 40.7. Heats(a): I-1. Southwestern Louisiana 40.8. II-1. TCU 40.8. III-1. El Paso 40.2; 2. SMU 40.6; 3. Alabama 40.8. 880R(a), El Paso 1:23.7 (H. Williams, Stewart, Jackson, S. Williams); 2. Southwestern Louisiana 1:24.0; 3. SMU 1:24.3. Heats(a): II-1. Southwestern Louisiana 1:24.6. MileR(b), Oklahoma State 3:07.8 (Stolpe 48.0, Kurrasch 47.1, Bolding 46.3, Schultz 46.4); 2. El Paso 3:09.0 (Kemp 48.4, H. Williams 46.6, Jackson 47.9, S. Williams 46.0); 3. Nebraska 3:09.3 (Priestley 47.7, Cimato 47.2, Leonard 47.4, Case 47.0); 4. LSU 3:09.7 (Coffee 47.7, Stephens 47.9, Mobley 47.7, Wills 46.5); 5. Texas 3:10.2. Heats(a): I-1. Oklahoma 3:09.8 (Eastin 48.3, Cantrell 47.6, Hardwick 47.4, Newsome 46.5); 2. El Paso 3:10.3; 3. Texas 3:10.8. II-1. Southwestern Louisiana 3:11.6; 2. Nebraska 3:11.7 (Case 46.5); 3. TCU 3:11.9. III-1. LSU 3:10.7 (Wills 46.9); 2. Oklahoma State 3:11.5 (Schultz 46.7). 2MileR(b), Nebraska 7:25.2 (Wisemiller 1:53.3, Speck 1:49.7, Chadwick 1:51.5, Hawkins 1:50.7); 2. LSU 7:27.4 (Smith 1:49.8); 3. Texas A&M 7:30.0. 4MileR(b), Missouri 16:32.6 (Rogies 4:10.7, Watson 4:10.3, McMullen 4:04.8, Kelly 4:06.8); 2. Kansas State 16:33.8 (Vinson 4:11.7, Corman 4:10.0, Hitchcock 4:07.7, Howe 4:04.3); 3. Oklahoma State 16:34.0 (Boatright 4:09.7, Holderman 4:11.8, Halberstadt 4:07.0, Manke 4:05.4); 4. Texas 16:37.4 (Yarbrough 4:05.9); 5. El Paso 16:43.0; 6. Wichita State 16:49.0. SpMedR(a), LSU 3:18.9 (DeSoto, Coffee, Wills 46.0, Epps 1:49.5); 2. Drake 3:19.5 (Cape 46.2, Nauman 1:49.9); 3. Texas A&M 3:20.2 (Blackmon 1:49.4). DisMedR(a), Kansas State 9:34.4 (Vinson 1:53.3, Fields 48.2, Hitchcock 2:55.0, Howe 3:57.9) (5th performance all-time world); 2. El Paso 9:34.6 (DeLaCerde 1:52.8, S. Williams 47.4, Jones 2:56.5, Ellison 3:57.8) (100th times—9:34.44 & 9:34.49); 3. Missouri 9:47.2 (McMullen 2:54.7); 4. Texas 9:47.4.

College Relays: 440R(b), Texas Southern 40.0 (Washington, Polk, Sumpter, Taylor). Heats(a): II-1. Texas Southern 40.3; 2. Prairie View A&M 40.6. 880R(a), Dallas Baptist 1:25.4. Heats(a): I-1. Prairie View A&M 1:24.9. MileR(b), Prairie View A&M 3:10.2; 2. Dallas Baptist 3:12.1 (Williams 46.7, Pyle 46.7). 2MileR(b), Dallas Baptist 7:30.4 (Williams 1:49.4); 2. Prairie View A&M 7:30.4 (Geter 1:49.9). SpMedR(a), Texas Southern 3:17.9 (Sumpter, Taylor, Jenkins 46.0, Fulton 1:48.9); 2. Prairie View A&M 3:18.4 (Martin, Brown, Spencer, Austin); 3. Dallas Baptist 3:19.2 (Hargrett, Baldwin, Price 46.8, Williams 1:49.7). DisMedR(a), North Dakota State 9:53.6 (Beron, Gesell, Lussenden, Kampa).

AUBURN-GEORGIA TECH-SOUTH CAROLINA, Auburn, Ala., April 8—Mile, Walton (Ga Tech) 4:05.1. 440IH, M. Bresler (Aub) 51.6.

SACRAMENTO STATE RELAYS, Sacramento, Calif., April 8—HJ, . . . 2. Burrell (unat) 6-6. DT, Kennedy (BA Strid) 184-4; 2. O'Sullivan (BA Strid) 177-3; 3. Louisiana (BA Strid) 177-3. HT, Tice (Fres St) 184-6; 2. Pryde (unat) 182-2.

SAN DIEGO RELAYS, San Diego, Calif., April 8 /warm with occasional winds; from Wally Donovan/—100(ok), Kemp (Strid) 9.5; 2. B. Turner (Cal Int) 9.5; 3. C. Smith (Strid) 9.5. Heats: 1(ok)-1. Kemp 9.4. 220(ok), Bright (Ft Mac) 20.7; 2. W. Turner (Cal Int) 20.9; 3. Breddell (SD Mesa JC) 20.9. 440, Evans (BA Strid) 46.9. Mile, Selby (Nn Ariz-GB) 4:03.3; 2. Messina (SDTC) 4:03.6. 3Mile, Harrison (CW) 13:33.8; 2. Tocheri (Nn Ariz-Can) 13:35.8; 3. Mason (CW) 13:36.0; 4. Brock (CW) 13:40.2. 6Mile, Sliney (Nn Ariz-GB) 27:46.0; 2. Pryor (L Beach St) 27:52.2; 3. Young (unat) 27:54.8 (first-ever six-mile); 4. Heffern (unat) 28:38.6; 5. Gregorio (SDTC) 28:44.8; 6. Wallace (L Beach St-Aus) 28:45.4; 7. Camp (unat) 28:49.4; 8. Walker (Ariz) 28:59.8. 120HH(ok), White (Strid) 13.6; 2. Livers (BA Strid) 14.0; 3. McBryde (P Coast) 14.0; 4. Caruthers (Cal Int) 14.1. Heats: 1(ok)-1. White 13.7. 440IH, Williams (SDTC) 50.9; 2. Whitney (Strid) 51.1; 3. Johnson (P Coast-NZ) 51.5; 4. Seymour (Strid) 51.7; 5. King (SDTC) 52.1; 6. Phelps (Ariz) 52.1.

HJ, Culp (Cal Int) 7-0; 2. Rambo (P Coast) 6-10. PV, Dias (P Coast) 17-0; 2. Caruthers 16-6; 3. Steinhoff (Strid) 16-0. LJ(w), Robinson (Ft Mac) 26-8; 2. Whitley (Cal Int) 25-6½; 3. Rogaway (BA Strid) 24-10½; 4. Jackson (Ft Mac) 24-7; 5. Coleman (Ft Mac) 24-5¼. TJ(w), McClellon (USAF) 50-7½. SP, Feuerbach (P Coast) 65-10 (65-10, 65-6½, 63-9, 64-11½, 64-8½, 64-6½); 2. B. Wilhelm (Ft Mac) 63-9½; 3. Marks (P Coast) 61-6. DT, Van Reenen (Cal TC-S Afr) 202-10; 2. Ordway (P Coast) 194-4; 3. Gunzel (Ariz) 187-11; 4. Lister (P Coast) 187-1; 5. Carlsen (Strid) 184-4. JT, Schmidt (Ft Mac) 243-7. HT, Connolly (Strid) 216-3; 2. Frenn (P Coast) 216-0; 3. Hart (Ft Mac) 204-3; 4. Shuff (Ft Mac) 185-9. 440R, Cal International 40.1 (Whitley, Russell, B. Turner, W. Turner); 2. Arizona 40.8; 3. Air Force 40.8. 880R, Cal International 1:24.5. MileR, Armed Forces 3:09.0 (Nance 48.4, Harris 47.9, Bennett 46.9, Newhouse 45.8); 2. Pacific Coast 3:09.8 (Frey, Johnson, Elbel, Van Hofwegen). 2MileR, Pacific Coast 7:34.8. DisMedR, Pacific Coast 10:00.0.

SOUTHERN CALIFORNIA 114-STANFORD 31, Los Angeles, Calif., April 8 /low 70s, sunny with light winds; attendance 6357; from John Wenos/—100(-0.5), Deckard (SC) 9.5; . . . disq—Quarrie (SC-Jam). 220(ok), Deckard 21.0; 2. Quarrie 21.0; 3. Brown (SC) 21.0. 440, Garrison (SC) 46.9; 2. Richardson (SC) 47.0. HJ, Owens (SC) 7-0; 2. Grodahl (S) 6-10. PV, Pullard (SC) 17-0; 2. Cryder (SC) 16-0. LJ(ok), Williams (SC) 25-2¼; 2. Jackson (SC-Jam) 25-1¼. TJ(ok), Todd (SC-NZ) 51-8 (previous PR 48-9); 2. Jackson 50-7¼. SP, Lane (SC) 61-10. JT, Barnet (SC) 256-10. 440R, Southern California 39.4 (Babb, Brown, Quarrie, Deckard). MileR, Southern California 3:11.7 (Burks 48.3, Richardson 47.3, Brown 47.8, Garrison 48.3).

UCLA 95-CALIFORNIA 50, (same site-date as Sn Cal v Stanford preceding)—220(4.92), Smith (UCLA) 21.2. 440, Smith 47.1; 2. Brown (UCLA) 47.1. HJ, tie, Fletcher (UCLA) & Stones (UCLA) 7-¼. PV, Mooers (UCLA) 16-0. TJ(ok), Butts (UCLA) 53-5¼ (also 53-3½, 52-9½); 2. Freeman (UCLA) 49-10¼; 3. Conway (Cal) 49-10¼. SP, Pagel (UCLA) 57-6½. DT, Penrose (Cal) 192-2; 2. Freberg (UCLA) 177-1. JT, Kennedy (Cal-Rho) 243-3.

OREGON STATE 101-WASHINGTON STATE 62, Corvallis, Ore., April 8—HJ, Woods (OS) 7-¼; 2. Niehl (WS) 6-10¼. TJ(w), Delamere (WS-NZ) 51-¾. SP, Walker (OS) 60-6. DT, Smith (OS) 184-7.

OREGON 109-WASHINGTON 54, Seattle, Wash., April 8 /torrential rain, winds to 40mph, cold/—Mile, Prefontaine (O) 4:07.3. 3000mSt, Koss (W) 8:54.6; 2. Johnson (W) 8:56.4; 3. Lathers (O) 9:25.2. PV(indoors), Bryde (W-Can) 16-6; 2. Taylor (W) 16-6. SP, Shmock (O) 61-1¾; 2. Cathcart (O) 60-11. DT, Wilkins (O) 179-0; 2. Wolf (O) 178-7. JT, Feldmann (W) 260-5 (233-7, 260-5, 252-1, p, p, p); 2. Bacon (NYAC-guest) 244-8; 3. Luke (Husky SC-guest) 239-3; . . . 5. Daniel (O) 222-3; 6. Francis (O) 210-10. LJ(w), Blackman (O-Aus) 24-9. Sp880, Straub (Husky SC) 1:50.3; 2. Martin (Coug TC) 1:50.8; 3. Sandison (Coug TC) 1:51.2.

AC, Compton, Calif., April 9—DT, Ordway (P Coast) 202-5; 2. Kohler (Strid) 192-8; 3. Vollmer (Ft Mac) 192-4; 4. Lister (P Coast) 191-10; 5. Antunovich (Strid-NZ) 182-5; 6. Weber (P Coast) 180-11; 7. Gordon (UCLA) 177-9.

MARATHON, Eugene, Ore., April 9—Moore (Ore TC) 2:20:26; 2. Badgley (unat) 2:20:36.

REBEL INVITATIONAL, Pensacola, Fla., April 7—100(ok), Robinson (Fla A&M) 9.3; 2. McGee (Alcorn A&M) 9.4. Heats(ok): McGee 9.2; Robinson 9.3.

EAST TENNESSEE STATE-BAPTIST COLLEGE, Charleston, S.C., April 8—3Mile, Cusack (ET-Eire) 13:39.2.

UNITED STATES INDOOR RESULTS

EASTERN MICHIGAN-CENTRAL MICHIGAN, Ypsilanti, Mich., March 23 /220-yard unbanked synthetic =“d”/—880, Collins (En Mich) 1:52.4.

NJAAU, Princeton, N.J., March 25—Wt, Greenwood (Princ) 58-6.

MICHIGAN-OHIO STATE, Ann Arbor, Mich., April 8 /indoors due to weather/—SP, Adams (M) 61-0.

WORLD OUTDOOR RESULTS

POTCHEFSTROOM, SOUTH AFRICA, March 22—100m, van Heerden 10.3. 200m, van Heerden 20.6.

AUSTRALIAN CHAMPIONSHIPS, Perth, March 22(a)-23(b)-24(c)-25(d)-26(e) /strong head winds all but

last day; from Bernie Cecins/-200m(e, - wind), Lewis 21.5; . . 6. B. Turner (US) 22.3. Semis(e)-1-3. Turner 21.1. 400m(d), Collett (US) 46.7. Heats(c): 1-1. Eddy 46.3; 2. Collett 46.7. 800m(e), Rootham 1:46.5; 2. Tippet 1:47.8. 10,000m(c), Harrison 30:19.2; 2. Temu (Ken) 30:22.0. 3000mSt(c), O'Brien 8:31.2. 110m-HH(c, - wind), Baird 14.6; 2. Druckery (US) 14.7; 3. Caruthers (US) 14.8. 400mIH(e), Knoke 49.3; 2. Koskei (Uga) 49.4; 3. Field 49.9. PV(e), Clark 16-6; 2. Caruthers 16-0. LJ(windy), Tolbert 26-9¼ (also 26-3, 26-1¾, 26-1½ twice); 2. Field 26-7 (400 hurdler; also 26-4½); 3. Commons 25-11; 4. Reece 25-4¼. TJ(e, nwi), McGrath 53-4½. Dec(a, b), Caruthers 6987 (11.3, 24-1¼, 32-4¾, 6-6, 52.0, 14.3, 116-1, 15-9, 170-0, 5:49.7).

KISHINEV, USSR-100m, Radoul 10.1. HJ, Bolshov 7-1½.

OBERHAUSEN, WEST GERMANY-DT, Wipperman 206-7½.

LOUGHBOROUGH, ENGLAND, March 29-SP, Tancred 61-9.

SOUTH AFRICAN CHAMPIONSHIPS, Cape Town, April 1(a)&3(b) /from Riel Hauman/-800m(a), Broberg 1:50.2 (hindered by fallen runner on final curve). 1500m(b), Van Zijl 3:41.3; 2. Broberg 3:47.9. 5000m(a), Van Zijl 13:48.4. 110mHH(b, windy), Holtzhausen 13.9. HJ(b), Rossouw 7-¼. LJ(a), Langley 25-11 NR.

HELSINKI, FINLAND-Mar, Tiihonen 2:15:15; 2. Lipsonen 2:15:41; 3. Hyvoenen 2:16:06.4.

SOFIA, BULGARIA-HT, Khmyelevskiy (SU) 238-6; 2. Gamskiy (SU) 228-7; 3. Manolov 221-1½.

FONT ROMEU, FRANCE-LJ, Pani 26-2¼.

BUCHAREST, RUMANIA-DT, Naghi 199-1 NR.

WORLD OUTDOOR AMENDMENTS

MELBOURNE, AUSTRALIA, March 19-400m, Collett (US) 45.8; 2. Asati (Ken) 46.2.

UNITED STATES OUTDOOR LATE NEWS

JC QUAD, Los Angeles, Calif., Feb. 10-HJ, Brown (Compton JC) 6-10.

JC TRI, El Cajon, Calif., Feb. 18-HJ, Ritterath (Glendale CC) 6-10½.

JC DUAL, East Los Angeles, March 10-HJ, Joseph (LA SW JC) 6-10.

JC TRI, Los Angeles, Calif., March 17-HJ, Joseph (LA SW JC) 6-10.

/TrackStats/

WORLD RECORD SITES

(IAAF-accepted records only)
compiled by Wally Donovan

Countries (15 or more)	Cities	States (in US)
414 United States	78 Los Angeles, Calif	245 California
93 Sweden	55 Stockholm, Sweden	28 Pennsylvania
92 Finland	46 London, England	19 New York
59 Great Britain	34 Helsinki, Finland	16 Massachusetts
45 Germany	28 Fresno, Calif	12 Illinois
35 Norway	24 Oslo, Norway	11 Iowa
31 Soviet Union	24 Philadelphia, Pa	10 Texas
29 France	24 Budapest, Hungary	8 Nebraska
29 Hungary	22 Oslo, Norway	8 New Jersey
24 Czechoslovakia	22 Philadelphia, Pa	7 North Carolina
18 Italy	19 Modesto, Calif	6 Arizona
18 Mexico	18 Berlin, Germany	6 Michigan
17 Australia	18 Mexico City, Mexico	5 Utah
15 Belgium	18 New York, NY	4 Ohio
	15 Berkeley, Calif	4 Oregon
	15 Cambridge, Mass	4 Wisconsin
	13 Gothenburg, Sweden	3 Kansas
	13 Walnut, Calif	3 Louisiana
	12 Turku, Finland	3 Missouri

(note: this list does not contain women's events, walks, or the marathon).

JC DUAL, Torrance, Calif., April 7—PV, Smith (L. Beach St-guest) 17-9½ CR (old CR 17-9 Seagren [Sn Cal] 68) (2nd performer, performance all-time US).

NORTH CAROLINA-SOUTH CAROLINA, Columbia, S.C., April 15—880, Waldrop (NC) 1:48.8; 2. Schaper (SC) 1:49.3.

JC SMITH-PEMBROKE STATE, Pembroke, N.C., April 15—100(ok), Lide (JC Smith) 9.3; 2. Graham (Pem St) 9.4. 220(ok), Lide 20.9; 2. Jones (Pem St) 21.0.

FLORIDA 84-LSU 61, Baton Rouge, La., April 15—440, Brown (F) 46.7. 120HH(w), Power (F) 13.9. PV, Cotton (F) 16-9; 2. Hurley (F) 16-6. 440R, Florida 40.7 (Jenkins, Peacock, Bostic, Brown).

TRI, Bloomington, Ind., April 15—3000mSt, Kelley (Ind) 8:51.0; 2. Myers (Ball St) 9:03.6.

WISCONSIN 100-IOWA 54, Iowa City, Iowa, April 15—3000mSt, Larson (W) 9:04.8. HJ, Matzdorf (W) 7-0.

EASTERN ILLINOIS INVITATIONAL, Charleston, Ill., April 15—120HH(nwi), Aboyade-Cole (Ill St-Gha) 13.9; 2. Jackson (En Ill) 13.9. 440IH, Jackson 52.0.

ILLINOIS-SOUTHERN ILLINOIS, Champaign, Ill., April 15—Mile, Hill (SI-Can) 4:01.9; 2. LaBadie (I) 4:06.5. 3Mile, Hill 13:36.0; 2. Gross (I) 13:40.6. HJ, Hancock (SI) 6-11; 2. Bernard (SI) 6-10; 3. Dykstra (I) 6-10. DT, Dykstra 172-5. 440R, Southern Illinois 40.8. MileR, Illinois 3:12.0.

MICHIGAN STATE 78-PURDUE 76, Lafayette, Ind., April 15—100(ok), Burton (P) 9.4; 2. Washington (MS) 9.5. 220(ok), Burton 21.1. Mile, Popejoy (MS) 4:05.5. 120HH(ok), Morrison (MS) 14.0. LJ(ok), Bolin (P) 26-2¼ (previous PR 25-2¼); 2. Gregory (MS) 24-8¾.

NOTRE DAME-MIAMI/OHIO, Oxford, Ohio, April 15—HJ, Cameron (M) 6-11¼. PV, Wallick (M) 16-0. SP, Cortina (ND) 59-4¼.

OREGON 105-NEBRASKA 40, Lincoln, Nebr., April 15—440, Priestley (N-Jam) 46.6; 2. Vance (O) 46.9. 880, Bence (O) 1:49.4; 2. McClendon (O) 1:49.5. Mile, Ritchie (O-Can) 4:03.5. 2Mile, Prefontaine (O) 8:35.2. 120HH(nwi), Harris (O) 14.0. 440IH, Wilkinson (O) 51.7. LJ(nwi), Moore (O) 25-9½; 2. Blackman (O-Aus) 25-7¾. SP, Shmock (O) 60-9½. JT, Daniel (O) 232-2; 2. Francis (O) 211-10. MileR, Oregon 3:11.7.

SOUTHERN CALIFORNIA 86-EL PASO 59, El Paso, Tex., April 15—100(-2.0), S. Williams (EP) 9.4; 2. Quarrie (SC-Jam) 9.6; 3. Stewart (EP-Jam) 9.6; 4. Brown (SC) 9.6. 220(ok), S. Williams 20.3; 2. Quarrie 20.4; 3. Brown 20.8; 4. Deckard (SC) 21.0. 440, Garrison (SC) 46.1; 2. H. Williams (EP) 46.5; 3. Richardson (SC) 46.5; 4. Krzyzosiak (SC) 47.6 (first meet after illness). 120HH(ok), Wilson (SC) 13.8; 2. Gibson (P Coast-guest) 13.9. HJ, Hollins (SC) 6-10; 2. Owens (SC) 6-10. PV, Pullard (SC) 17-0; 2. Heglar (P Coast-guest) 16-6; 3. Cochran (SC) 16-0. LJ(ok), Williams (SC) 26-1¼(1.4) (25-0, f, 26-1¼ 25-5¼, f, f); 2. Jackson (SC-Jam) 24-8½. TJ(ok), Williams 50-10¼; 2. Jackson 50-8; 3. Hall (EP) 50-7½; 4. Kelley (EP) 50-4½. SP, DeBernardi (EP) 65-5¼ (58-7½, 64-¼, 65-5¼, 64-2¼, f, 63-7½); 2. Lane (SC) 63-7¼; 3. Hognlund (EP-Swe) 62-10. DT, DeBernardi 194-6 (194-6, 193-2, 194-2, 191-3, 194-1, 182-1); 2. Zabelski (EP) 182-2. HT, Farmer (EP-Aus) 216-3 NR (202-5, 211-7, 210-5, 213-0, 211-8, 216-3); 2. Nunn (EP) 185-7. 440R, Southern Cal 38.8 (Babb, Brown, Quarrie, Deckard) (=2nd performance all-time world); 2. El Paso 39.2 (Stewart, S. Williams, H. Williams, Jackson) (=8th performance all-time world). MileR, Southern Cal 3:07.6 (Babb, Richardson, Brown, Garrison); 2. El Paso 3:08.4 (Kemp 48.4, H. Williams 46.6, Jackson 47.2, S. Williams 46.2).

COLORADO RELAYS, Boulder, Colo., April 15—100(ok), Branch (Colo) 9.4. PV, Bussabarger (Colo) 16-4. SP, Arrhenius (BYU-Swe) 60-5½. DT, Pecar (BYU-Yug) 181-11. JT, George (BYU) 247-0.

SMU-TEXAS-TCU, Dallas, Tex., April 15—100(w), Collins (TCU) 9.3; 2. Austin (SMU) 9.3. 120HH(w), Lightfoot (Tex) 13.9; 2. Hodges (Tex) 14.0. SP, Walker (SMU) 62-9. *W. Smalley 16.3*

ARIZONA-SAN DIEGO STATE, San Diego, Calif., April 15—DT, Gunzel (Ariz) 187-3.

WESTMONT-INTERNATIONAL U, San Diego, Calif., April 15—100(ok), Ravelomanantsoa (W-Mal R) 9.4.

OREGON STATE-CALIFORNIA-WASHINGTON, Berkeley, Calif., April 15—Mile, Hailu (OS-Eth) 3:59.3 NR; 2. West (C) 4:02.7; 3. Carey (OS) 4:04.4; 4. Johnson (W) 4:04.5; 5. Koss (W) 4:04.7. HJ, Woods (OS) 7-0; 2. Erickson (OS) 6-10. PV, Taylor (W) 16-½. TJ(ok), Conway (C) 51-2½ (old PR 49-10¼). SP, Cathcart

Track Newsletter supplements Track & Field News with (1) marks of US and international men's track and field competitions, indoors and out, which qualify for T&FN's annually revised reporting standards or which are achieved by world ranking athletes, (2) complete summaries of major competitions, and (3) selected highlights of cross country, marathon and walking races.

TrackStats offers statistical compilations and analyses in track and field.

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Frequently used abbreviations: exact wind readings, if available, are always given in miles per hour (mph)—ok=wind below legal limit of 4.473 mph; windy=wind exceeding 4.473 mph; "H" before reading indicates headwind; nwi=no wind information or incomplete data; h=heat; sf=semifinal; f=foul; p=pass; disq=disqualified; dnf=did not finish; dns=did not start; nh=no height; nt=no time; inj=injured; PR=personal record; NR=national record; WR=world record; ER=European record; AR=American record; BCR=British Commonwealth record; AfrR=African record; CR=collegiate record; JCR=junior college record; HSR=high school record.

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(W) 60-8; 2. Walker (OS) 57-10. JT, Quitslund (W) 247-11; 2. Feldmann (W) 243-3.

FRESNO STATE-CAL POLY/SLO, San Luis Obispo, Calif., April 15—HT, Tice (FS) 191-2.

UCLA MEET OF CHAMPIONS, Westwood, Calif., April 15 /synthetic; sunny, high 70s with light wind; attendance 10,307; from John Wenos & Jack Shepard/—100(-3.1), Pender (Ft Mac) 9.5; 2. Edmonson (UCLA) 9.5. 220: 1(0.0)-1. Edmonson 20.6; 2. Collett (Strid) 20.6; 3. Evans (BA Strid) 20.7; 4. C. Smith (Strid) 20.8; 5. J. Smith (UCLA) 20.8; . . . unplaced—Bright (Ft Mac), Newhouse (Ft Mac) & W. Turner (Cal Int) (probably all sub-21.0). 11(5.38)-1. B. Brown (UCLA) 20.7; 2. Kline (USAF) 20.8. 440, Evans 44.9 (44.6m); 2. Collett 45.0; 3. J. Smith 45.9; 4. Newhouse 46.2; 5. Brown 46.3; 6. Van Hofwegen (P Coast) 46.7. 11-1. Gaddis (UCLA) 47.1. Mile, Smith (LAPD) 4:05.5. 2Mile, Crawford (Ft Mac) 8:36.0; 2. Lawson (P Coast) 8:40.6; 3. Jay Mason (CW) 8:42.8. 3000mSt, Liebenberg (CW) 8:41.4. 120HH(5.50), White (Strid) 13.5; 2. Rich (UCLA) 13.6. 440IH, Mann (Strid) 49.4; 2. Johnson (P Coast-NZ) 50.1NR; 3. Whitney (Strid) 50.2; 4. Seymour (Strid) 50.6; 5. Williams (SDTC) 51.5; 6. Musika (P Coast) 51.7. 2MileWalk, Walker (Strid) 13:56.0; 2. Scully (Ft Mac) 14:34.4.

HJ, Culp (Cal Int) 7-⁵/₈; 2. Shepard (P Coast) 7-⁵/₈; 3. Brown (Cal Int) 6-10³/₄; 4. Stones (UCLA) 6-10³/₄. PV, Isaksson (Swe) 18-2¹/₄ WR, ER (old WR, ER, 18-1, Isaksson 72) (jump measured at 18-2, but metric mark of 5.54 converts as 18-2¹/₄ by both Potts and Sparks tables) (17-³/₄(1), 17-7(2), 18-2¹/₄(2), missed 3 at 18-4); 2. Smith (L Beach St) 17-7; 3. Lagerqvist (Swe) 17-7; 4. Seagren (Strid) 16-6³/₄; 5. Railsback (Strid) 16-6³/₄; 6. Tracanelli (UCLA-Fr) 16-³/₄; 7. Rambo (Cal Int) 16-³/₄; 8. tie, Dias (P Coast) & Mooers (UCLA) 16-³/₄; . . . nh—Richards (P Coast) & Vaughn (Strid). Open PV, Eshelman (BA Strid) 16-0; 2. Lambert (P Coast) 16-0. LJ, Robinson (Ft Mac) 26-7¹/₂(5.2) (26-6³/₄ok, f, 25-1¹/₂nwi, p, f, 26-7¹/₂); 2. Hines (Strid) 26-2(7.2) (25-6³/₄ok); 3. Jackson (Ft Mac) 25-7¹/₂(3.8); 4. Royster (BA Strid) 25-2¹/₂ok; 5. Whitley (Cal Int) 24-11¹/₂ok; 6. Beamon (Adelphi AA) 24-10ok; 7. Anderson (BA Strid) 24-7ok; 8. Coleman (Ft Mac) 24-4ok; 9. McAlister (Cal TC) 24-¹/₂ok; 10. Proctor (Strid) 23-9ok. TJ, Freeman (UCLA) 53-1(43) (53-1, f, f, p, p, f); 2. Gill (Cal Int-Ind) 53-¹/₄(6.4) (52-9¹/₂(ok); 3. B. (UCLA) 52-9¹/₂ok; 4. Tiff (UCLA) 50-1¹/₂ok; 5. Tucker (Strid) 49-11³/₄w (49-9¹/₂ok); 6. Walker (Strid) 49-9¹/₂ok. SP, Feuerbach (P Coast) 70-3¹/₂ (2nd performer, 5th performance all-time world) (67-11¹/₂, 70-3¹/₂, 68-11¹/₄, 68-1¹/₄, 69-1¹/₄, 69-9¹/₄—average 69-31/64); 2. Patera (unat) 65-11¹/₂; 3. Marks (P Coast) 65-³/₄; 4. Samsam (BA Strid-Moroc) 64-4; 5. B. Wilhelm (Ft Mac) 62-8³/₄; 6. Pagel (UCLA) 57-7³/₄; 7. Buehler (Strid) 57-7¹/₂. DT, Van Reenen (Cal TC-S Afr) 206-11; 2. Ordway (P Coast) 199-9; 3. Powell (P Coast) 193-7; 4. Vollmer (Ft Mac) 192-2; 5. Neville (Strid) 192-1; 6. Tollefson (P Coast) 190-10; 7. Antunovich (Strid-NZ) 188-10; 8. Carlsen (Strid) 188-1. JT, Laville (Strid-Antilles) 243-5. 440R, Fort MacArthur 39.7 (Pender, Bright, Newhouse, Harris); 2. Cal International 39.7 (Russell, B. Turner, Whitley, W. Turner); 3. UCLA 40.4 (Rich, Gibson, Gaddis, Edmonson). MileR, Pacific Coast 3:10.7.

Dec(15-16), Bannister (Dec Club of America) 7940 (10.8, 22-8¹/₂, 49-5, 6-4, 47.8, 14.4, 141-3, 12-0, 188-8, 4:17.1); 2. Warkentin (Strid) 7795 (11.1, 23-3¹/₄, 44-7³/₄, 6-2⁷/₈, , 48.8, 14.9, 142-4, 13-6, 203-5, 4:26.3); 3. Bennett (Ft Mac) 7701 (10.9, 22-11¹/₄, 40-2³/₄, 6-1, 46.6 [finished 46.9y], 15.0, 120-11, 14-6, 174-4, 4:16.0); 4. Kotinek (UCLA) 7270 (11.3, 24-7¹/₄, 40-2¹/₄, 6-10¹/₄, 54.7, 14.5, 125-1, 11-0, 216-5, 4:54.7) (frosch-first decathlon ever)

CHICO INVITATIONAL, Chico, Calif., April 15—6Mile, Miller (WVTC) 29:11.4.

LONG BEACH INVITATIONAL, Long Beach, Calif., April 16—3000mSt, Price (AIA) 8:46.8. 120HH(ok), McBryde (P Coast) 14.0. PV, Smith (L Beach St) 16-9. TJ(w), McClellon (USAF) 50-7³/₄. SP, Marks (P Coast) 63-3. DT, Van Reenen (Cal TC-S Afr) 215-10 NR (8th performer all-time world) (also 214-7); 2. Vollmer (Ft Mac) 198-1; 3. Powell (P Coast) 194-0; 4. Carlsen (Strid) 188-8; 5. Antunovich (Strid-NZ) 188-0. HT, Fren (P Coast) 231-5 (10th performance all-time US); 2. Connolly (Strid) 217-3; 3. Hart (Ft Mac) 205-11; 4. Shu (Ft Mac) 189-8; 5. Tice (Fres St) 185-4. JT, Schmidt (Ft Mac) 262-10; 2. Laville (Strid-Antilles) 253-9.

BOSTON MARATHON, Boston, Mass., April 17 /warm and sunny; from Jeff Johnson/—Suomalainen (Fin) 2:15:39 (first marathon ever); 2. Mora (Col) 2:15:57; 3. Sabinal (Mex) 2:16:10; 4. Penazola (Mex) 2:18:46; 5. Garrido (Mex) 2:19:50; 6. Mortenson (Roch TC) 2:19:59; 7. Galloway (Fla TC) 2:20:03; 8. Mejia (Col) 2:20:06; 9. Dean (Sac St) 2:20:29; 10. Salminen (Fin) 2:20:42; 11. Tibaduiza (Col) 2:21:58; 12. Hatfield (W Va TC) 2:22:07; 13. Hoffmann (UCTC) 2:22:19; 14. Vitale (NHTC) 2:22:57; 15. Barreneche (Col) 2:22:58; 16. Thurston (Wash SC) 2:23:03; 17. Gubbins (Geotwn) 2:23:28; 18. Bayko (N Medford Club) 2:23:32; 19. Hayes (N Car TC) 1:23:51; 20. Fidler (Furman TC) 2:24:49; 21. Mowatt (Can) 2:24:53; . . . 28. Higgins (AGAA) 2:26:14.

NITTANY LION RELAYS, University Park, Pa., April 15—6Mile, Maguire (Penn St) 29:12.6. SP, Hearon (Spts Intl) 58-¹/₄.

PENN-RUTGERS, Philadelphia, Pa., April 15—120HH(~~new~~), Collins (P) 13.9. ✓

EASTERN MICHIGAN RELAYS, Ypsilanti, Mich., April 15—3Mile, McLaren (Can) 13:32.0. PV, Simpson (Can) 16-2. LJ(w), Smith (Toledo) 24-10.

JOHN JACOBS INVITATIONAL, Norman, Okla., April 15—100(~~new~~), Schultz (Okla St) 9.3. 220(~~new~~), Schultz 20.8. ✓ 120HH(~~new~~), Bolding (Okla St) 14.0. ✓ HJ, Stoner (Okla) 6-10¹/₂. PV, Marrs (Kans St) 16-6¹/₂; 2. Craig (Okla) 16-0. SP, Brosius (Kans St) 59-5³/₄; 2. Marks (Okla St) 58-8. JT, Morland (Kans St) 242-10; 2. Franklin (Okla) 242-7.

TRI, New Haven, Conn., April 15—HT, Wolak (Yale) 180-3.
 CORNELL-COLGATE, Hamilton, N.Y., April 15—HJ, Dunn (Colgate) 6-10¼.
 MARYLAND-NAVY, College Park, Md., April 15—JT, George (Md) 255-2.
 KENT STATE-BOWLING GREEN STATE, Kent, Ohio, April 15—100(w), Turner (KS) 9.3; 2. Watkins (BG) 9.4. 120HH(w), Fegley (BG) 14.0. HT, Schoterman (KS) 224-4 (224-4, 218-0, 212-0, 221-6, 208-5, 211-0); 2. Accambray (KS-Fr) 223-4 (216-0, 214-8, 215-0, 223-4, 221-6, 214-11) (Schoterman also threw 54-3 & 165-7).
 HARVARD-PRINCETON, Princeton, N.J., April 15—HT, Greenwood (P) 180-0.
 KANSAS 90-IOWA STATE 55, Ames, Iowa, April 15—SP, Guevara (Kans) 58-11.
 INTERMOUNTAIN RELAYS, Logan, Utah, April 15—SP, Caulfield (Utah St-Can) 57-9¼.
 TRI, Tempe, Ariz., April 15—Mile, Selby (Nn Ariz-GB) 4:03.7. HJ, Nyman (NM-Swe) 6-10. TJ(ok), Steffes (NM) 50-6. JT, Smiding (NM-Swe) 237-8.

WORLD OUTDOOR RESULTS

MENDEN, WEST GERMANY—DT, Hennig 203-8.
 OPLADEN, WEST GERMANY—DT, Wippermann 208-0; 2. Hennig 201-3.
 COLOMBES, FRANCE, April 15—DT, Niare (Mali) 199-2½ NR. HT, Prikhodko 223-½.
 BERLIN, EAST GERMANY, April 16—30KiloWalk, Stadtmueller 2:14:15.6 WR, ER (old WR, ER 2:15:16.0, Hohne [EG] 71).

WORLD INDOOR RESULTS

HELSINKI, FINLAND, Feb.—PV, Kalliomaki 17-7 (=4th performer all-time world).
 MOSCOW, USSR, March 18—HJ, Abramov 7-2⅞ (flop).

UNITED STATES OUTDOOR AMENDMENTS

TRI, Tempe, Ariz., Feb. 26—HJ, Shepard 7-0. {}
 CHAMPIONS, Los Angeles, Calif., March 4—Mile, 4. Messina (SDTC) 4:00.9.
 ANGELO STATE RELAYS, San Angelo, Tex., March 11—LJ, Owusu 25-5½w.
 AC, Walnut, Calif., March 11—220, Kemp 20.9w. 120HH, White 13.6ok.
 6-WAY, Denton, Tex., March 18—120HH, Jubert 13.9ok.
 SUL ROSS INVITATIONAL, Alpine, Tex., March 18—LJ, Owusu 25-9¼ok.
 CORNELL-NORTH CAROLINA STATE, Raleigh, N.C., March 21—TJ, Thompson 49-11ok.
 FLORIDA RELAYS, Gainesville, Fla., March 22(a)-23(b)-24(c)—6Mile(a), 4. Galloway 28:20.0. Dec(b-c), Samara 7669 (10.5, 24-5½, 44-3½, 6-1¼, 49.8, 15.0, 133-9, 15-0, 186-10, 4:58.0); 2. Kenward 7453 (10.8, 21-9, 47-6, 5-9, 49.2, 15.2, 166-8, 12-6, 171-6, 4:45.4); 3. King 7108 (11.3, 21-10¼, 47-5, 5-11, 51.5, 16.3, 153-6, 11-6, 194-6, 4:45.5); 4. Miller 7032 (11.3, 21-11¾, 37-6, 5-11, 50.8, 15.2, 116-3, 14-0, 168-0, 4:30.0); 5. Taft 7006 (10.9, 23-3½, 37-11¼, 6-0, 50.8, 17.0, 122-11, 14-0, 153-11, 4:38.6).
 TEXAS SOUTHERN RELAYS, Houston, Tex., March 24(a)-25(b)—120HH, 2. Gipson (Lam Tech) 13.9. 880R, Heats(a): Lamar Tech 1:25.0. MileR(b), Prairie View A&M 3:09.8; 2. Texas Southern 3:11.3.
 WASHINGTON STATE INVITATIONAL, Pullman, Wash., March 24-25—Dec, Wash (Wash St) 6671.
 BYU INVITATIONAL, Provo, Utah, April 1—TJ, Langeland 50-4ok.

UNITED STATES INDOOR AMENDMENTS

HIGHLANDERS AA, Hamilton, Ont., March 18—50, Semis: Pender 5.1; Tinker 5.1 (both winning). 50HH, Heats: Milburn 5.9. 1000, 4. Swenson (US Army) 2:13.1.

WORLD INDOOR AMENDMENTS

BERLIN, EAST GERMANY, Jan. 30—400m, 3. Muller 48.0. 3000m, Kuschman 8:04.2. HJ, 4. Duhrkop 7-¼; 5. Dosa (Rum) 7-¼.
 NORDIC TRIANGULAR, Goteborg, Sweden, Feb. 5-6—HJ, 2. Pesonen (Fin) 7-2¼; 3. Viskari (Fin) 7-¼.
 INTERNATIONAL, Moscow, USSR, Feb. 19-20—3000m, 2. F. Eisenberg (EG) 8:04.0; 3. Aleksashin 8:04.2. 60mHH, 2. Maslakov 7.7 =NR.
 ITALIAN INDOOR CHAMPIONSHIPS—Fiasconaro's 46.4 400 occurred Feb. 23.