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New Zealand's MURRAY HALBERG set American indoor and outdoor 2-mile records in January with times of 8:34.3 and 8:40.8, respectively.



PARRY O'BRIEN showed that he's still a tough man to beat by setting an American indoor shot put record of 63'1½" at the Los Angeles Invitational meet on Jan. 21. That easily broke the old mark of 62'5" he set last year at the Milwaukee Journal Games.



ROSCOE COOK of Oregon tied the American indoor record 60-yard dash record of 6.0 at Portland, Oregon, on Jan. 14.

OREGON INVITATIONAL

Halberg Runs 8:34.3

By Dick Bank

Portland, Oregon, Jan. 14 — Big time indoor track came to the Pacific Northwest tonight and with it came New Zealand's Murray Halberg to run an eye-opening 8:34.3 for two miles to completely shatter the indoor record and capture the hearts of the 7,111 who sat in on the first annual Oregon Invitational meet at the brand-new Memorial Coliseum.

The Olympic 5,000-meter champion had travelled 7,000 miles from his home in Auckland for the sole purpose of running 22 laps on a board track for the first time in his life. He had stopped off in Palo Alto, Calif., for a short training stint and knocked the American outdoor record down to 8:40.8. Yesterday he had tested the plywood running surface and found it to his liking.

(continued on page three, column one)

MASS. KNIGHTS OF COLUMBUS

Kidd Surprises 2-Milers

by Jim Dunaway

Boston, Jan. 14 — Bruce Kidd, a 17-year-old high school senior from Toronto, Canada, turned the Boston Garden (and a lot of distance running theories) upside down with an amazing 8:49.1 two-mile victory that was as confidently achieved as it was unexpected. The crew-cut, 5'8½", 135 pounder's stunning upset of top distance men Peter McArdle and Fred Norris overshadowed everything else in the 35th Massachusetts K. of C. indoor meet.

It was amazing enough to see a 17-year-old follow the 31-year-old McArdle and the 39-year-old Norris through a crisp 2:11, 4:25, 6:40 pace, but the surprise was doubled when, with about 4½ laps to go, Kidd suddenly jumped the two veteran foreigners and opened up a 15-yard margin. The move broke Norris, but McArdle fought back and slowly narrowed the gap to five yards at the gun. Then, with the entire crowd on its feet and screaming, the balding Irishman charged at Kidd down the backstretch. He drew as close as two yards, but Kidd, pumping hard with his arms, maintained this margin and gained a yard or two back around the final turn.

The margin was about 10 feet, Kidd being timed in 8:49.1 and credited with 8:49.2 in accord with the rules, and McArdle hitting the finish in his best- (continued on page two, column three)

LOS ANGELES INVITATIONAL

Field Events Sparkle

by Bert Nelson

Los Angeles, Jan. 21 — Field event men took the play away from the runners in the second annual Los Angeles Invitational, producing two world indoor bests and top quality marks in the other three events.

Ralph Boston added the indoor mark to his growing collection when he topped a fine series with a span of 25'10". And Parry O'Brien added 8½" to his own shot standard by exploding to 63'1½".

Little known Bob Avant of Southern California dived over 6'11" for equal third on the all-time indoor list; Hal Connolly, throwing outdoors, reached 67'2½" in the 35 pound weight throw, a mark bettered on only four winning occasions; and Don Bragg hoisted his big body and growing crop of hair over 15 feet.

The new track, a \$12,000 spruce job from Finland, was judged slow and in need of work by some of the runners, and middle distance times reflected this opinion. Despite the best efforts of some top flight runners the 500 was won in a piddling 58.4, the 600 in 1:13.0 and the 1000 in 2:15.0. The mile and two mile were much more respectable and the straightaway produced some sparkling times.

First of the record breakers was O'Brien, who announced his retirement shortly after Rome but who couldn't keep out of the ring. After a warmup toss of about 61'3" and a first put of 59'3, 28-year-old Parry discovered the leather covered shot was leaking metal pellets and losing weight. Recalling last year when he lost a 63'1" record for the same reason, O'Brien put his all into the second round and made good even though wearing his outer garments. The time was 9:20 and 13,557 people had entered the Sports Arena.

Fifty-five minutes and 31 people later Boston uncoiled his lean frame and broke sand a half-inch farther than Bo Roberson's indoor record. "It was the first time I've tried jumping indoors this year so I really didn't expect anything special," said Boston, whose other scores were 24'2½, 25'2, 25'2½, 25'5½ and 24'8.

Avant, a six foot senior from nearby Saugus, has been an in-and-outter with potential. He explained his unexpected success by revealing that he and coach Jess Mortensen had been studying films and decided Avant should take off further back to correct a chronic trailing leg problem.

The sprinters were bothered at the start when a small section of boards slipped. But chunky Roscoe Cook overcame a bad start to just catch Dave James, both clocking 6.1 for the 60. In the 60 hurdles Hayes Jones pulled away steadily to win in 7.1, just a tenth off his indoor record, and then announced he would (continued on page three, column three)

Late News

Leningrad, Russia, Jan. 28 — Valeriy Brumel, Russia's 18-year-old high jumping sensation, set a world indoor record today of 7'4½", two inches above the previous indoor best of 7'2½" set last year by John Thomas. The mark also bettered the outdoor world record of 7'3½", also held by Thomas.

Boston, Jan. 28 — Ernie Cunliffe set an American indoor 1,000-yard record of 2:07.9 and John Thomas raised the American indoor high jump record of 7'3½" tonight to highlight the Boston A.A. meet. Cunliffe's mark shaved three-tenths off the old mark shared by Don Gehrmann and Arnie Sowell while Thomas' effort erased the old mark of 7'2½" he set last year. In other highlights, NYU freshman Gary Gubner threw the shot 58'4", Ralph Boston took second in the high jump at 6'6" and won the 45-yard hurdles in 5.6, Hungarian Istvan Rozsavolgyi took the mile in 4:06.8, steeplechaser George Young was the two-mile winner in 8:55.2 and Villanova freshman Rolando Cruz and veteran Ron Morris tied for first in the pole vault at 15'.

Former California star Jerry Siebert won the 600 in 1:11.2 and Frank Budd of Villanova took the 50-yard dash in 5.4. Villanova was the winner in the mile relay with a fast 3:18.8 but the Wildcats had to take second to Holy Cross' 7:40.5 clocking in the two-mile relay.

Auckland, New Zealand, Jan. 28 — Oregon's Dyrol Burleson continued his winning ways in New Zealand by winning an invitational mile today in 4:05.6. He won by inches over Olympic 800-meter champion Peter Snell.

THOMAS CLEARS 7'1½" AGAIN

Hanover, N.H., Jan. 7 — John Thomas cleared 7'1½" for the second straight time this season today but failed in three tries to equal his world indoor best of 7'2½".

Thomas also ran in the 45-yard high hurdles and won that event in 5.9. Outside of Thomas' performances it was a dreary afternoon for the Boston University team. Host Dartmouth won easily, 74-30. Mile, Jenson (D) 4:17.9. 2 Mile, Laris (D) 9:33.9.

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January	Feb. 2
February	March 2
March	March 30
April	April 27
May	May 25
June	June 15
July	July 13

SCHEDULE OF IMPORTANT EVENTS

February

- 3 Millrose Games, New York City
- 4 Mich. St. Relays, E. Lansing
- 4 Illinois Open, Champaign
- 9 Will Rogers Games, Ft. Worth, T.
- 10 Philadelphia Inquirer Games
- 11 Los Angeles Times meet
- 11 Michigan AAU, Ann Arbor
- 11 Greater Boston meet
- 11 Northwest Open, Minneapolis
- 17 New York AC, New York City
- 18 Kentuckiana Indoor, Louisville, Ken.
- 18 UCTC Open, Chicago
- 25 National AAU, New York City
- 25 Central Collegiate, Notre Dame, Indiana

- 25 Michigan Open, Ann Arbor
- 25 UCLA Relays, Los Angeles

March

- 3 New York K of C, N. Y. City
- 3 Far West Indoor, Portland, Ore.
- 4 W. Mich. Indoor Relays, Kalamazoo

- 4 Heptagonals, Ithaca, N. Y.
- 4 Met. Intercollegiate, NY City
- 4 SPAAU Relays, Los Angeles
- 4 Big Ten, Champaign, Ill.
- 4 Big Eight, Kansas City, Mo.
- 10 Chicago Daily News Relays
- 11 Border Olympics, Laredo, Tex.
- 11 IC4A Indoor, New York City
- 11 Milwaukee Journal Games
- 17 Cleveland Knights of Columbus
- 18 W. Texas Relays, Odessa
- 18 Canadian Indoor Champs, Winnipeg

- 18 Kansas St. Invit., Manhattan
- 18 Chattanooga Indoor Invitational
- 18 Iowa AAU, Des Moines
- 18 Strider Relays, Los Angeles
- 18 Carolina Relays, Greensboro, NC
- 25 Aggie Relays Preview, Stillwater, Okla.

- 25 Easter Relays, Santa Barbara, Cal.
- 25 San Marcos, Texas, Relays
- 25 Central AAU, Chicago

MASS. KNIGHTS OF COLUMBUS

(continued from page one)

ever time of 8:49.6. Norris was a distant third in nine minutes even.

Frank Budd gave a preview of his intention to be No. 1 indoors this year as he set a meet record of 5.2 in a heat of the 50, then scored easily by a yard over Paul Winder and Ed Collymore in a 5.3 final. Hurdler Bill Johnson of Maryland took the 45-yard highs just as convincingly, but in relatively slower time.

Canadian Joe Mullins, who has lost only one indoor 600 in the last three years, collared Doug Tynan of Fordham in the stretch to win the 600 in a tight four man finish. Mullins beat NYU's Jim Wedderburn by a yard, with Jim Stack of Yale and Tynan a yard further back. The time was 1:12.0.

Ernie Cunliffe led off his first full season of indoor racing with an easy win over a good 1000 yard field. Fresh from his outdoor 1000 record set last week, Cunliffe led all the way. Tom Carroll of Yale, who lapsed mentally by failing to force the 57.6, 1:56 pace, took second, with Frank Tomeo of Fordham nailing Jim Dupree at the tape for third.

In the mile, Deacon Jones caught Ed Moran on the final turn to win a 4:07.8 race. Pete Close, the only other man of the crowded 8-man field to stay with Moran and Jones through a 2:04 half, faded in the last two laps but had no trouble keeping third place.

John Thomas cleared seven feet for the 53rd time, but could not negotiate 7'1½". He took only five jumps, clearing 6'6, 7', then missing three times at 7'1½", the first two misses being close.

50- Budd (Villanova) 5.3; 2, Winder (Morgan St) 5.3; 3, Collymore; 4, Smith (Tufts) 5.5; Buchta (Holy Cross) 5.9; 2, Moreland (Brown) 5.9; 3, Repsher (Harvard) 5.9; 6; 4, Legat (Yale) 6.0; 4.

600- Mullins (unat) 1:12.0; 2, Wedderburn (NYU) 1:12.2; 3, Stack (Yale) 1:12.4; 4, Tynan (Fordham) 1:12.4. (440-Tynan 52.0)

1000- Cunliffe (unat) 2:10.2; 2, Carroll (Yale) 2:11.0; 3, Tomeo (Fordham) 2:12.0; 4, Weisiger (Quantic) 2:12.0; 5, Dupree (S. Ill. Salukis) 2:12; 6, Leps (Mich.)

Mile- Jones (Ft. Lee) 4:07.8; 2, Moran (NYAC) 4:08.5; 3, Close (Quantic) 4:10.6; 4, Kopil (NYAC) 4:16.0. (Jones: 62.8, 2:04.5, 3:07.2)

2-mile- Kidd (East York TC) 8:49.1 (MR); 2, McArdle (NYAC) 8:49.6; Norris (McNeese State) 9:00.0; 4, O'Riordan (Idaho State) 9:08.7; 5, Lowe (Brown) 9:20.8; (Kidd: 65.8, 2:11.7, 3:17.5, 4:25.3, 5:31.6, 6:40.3, 7:45.3, 8:49.1)

45HH- Johnson (Maryland) 5.7; 2, Blodgett (Harvard); 3, Herman (unat); 4, Flippin (Yale); 5, Luck (Yale); 6, Sinisi (Brown). Blodgett, Johnson 5.7 in heats.

HJ- Thomas (Boston U) 7'; 2, Gardner (Quantic) 6'6; 3, Streibert (Yale) 6'4; PV- Cruz (Villanova Fr) 14'6; 2, Welbourn (USAF) 14; 3, Glass (Md) 14'; 4,

Uelses (Quantic) 14; 5, McKnight (Ohio TC) 13'6.

BJ- Herman (unat) 23'1½"; 2, Axtel (Yale) 22'3; 3, Marland (Harvard) 20'11; 3SWT- Backus (NYAC) 67'3; 2, Engel (unat) 60'3; 3, Doten (Harvard) 60'1; 4,

Bailey (Harvard) 59'6½; 5, Keerd (US Army) 59'2.

Mile R- NYU (Handler 50.3, Bertrand 50.0, Damashek 49.1, Wedderburn 50.1) 3:19.5; 2, Syracuse; 3, Holy Cross; 4, Fordham (Tynan 49.1).

Mile R- Villanova (Drayton 50.1, Wagner 49.8, Manion 50.5, Raemore 49.5) 3:19.9; 2, St. John's (Sullivan 49.9, Shane 49.8) 3:21; 3, Morgan State, 3:22.

Mile R- Yale (Luck 49.8, Stack 49.5) 3:21.3; 2, Harvard; 3, Columbia.

2 Mile R- Villanova (Hackett 1:57.6, DeAngelis 1:55.1, Nicastro 1:54.2, Dante 1:54.6) 7:41.5; 2, Georgetown (Reilly 1:51.6) 7:42.4; 3, NYU 7:42.6; 4, Ford- 7:52.4.

-the market place-

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OREGON INVITATIONAL

(continued from page one)

He was assigned the pole lane, and this contributed to his fast performance. Worried about being shunted to the rear, he sprinted out at the gun and never slowed down, looking back only on the seventh lap to check his position. The first quarter was covered in 62.0, the half in 2:06.6 and the three quarters in 3:10.0. At the mile in 4:16.0, he was 15 yards ahead of Laszlo Tabori with Max Truex another five yards to the rear. He then coasted through quarters of 71.0 and 69.0 but with a half mile to go he opened up the throttle. The seventh 440 was a sparkling 61.0 and with the entire crowd on their feet cheering madly, feather-footed Murray ran the final quarter in a fantastic 57.3 to obliterate Al Lawrence's one-year-old indoor record by 11.7 seconds. His fastest four quarters totalled an unbelievable 4:03.7.

The band broke into "God Save the Queen" and the audience responded with a two-minute spontaneous standing ovation as the gallant Kiwi took the victory stand. A laboratory technician in an Auckland brewery, the 5'10", 136-pounder accepted congratulations with an understated: "It's all in a day's work." Many were surprised when he did not run in the traditional all-black uniform of New Zealand. Red-headed Murray explained it is worn only when representing New Zealand. He was attired in the dark blue with a red diagonal stripe of his Owairaka Club.

Tabori, in 8:47.6, ran his fastest ever broad race, Truex, third in 8:57.0, showed that the loss of four weeks training after extraction of four wisdom teeth had left him short on work as well as being six pounds overweight. Upon reporting to his new duty in three weeks at Almaden Air Force Station just outside San Jose, Calif., he'll put in three months of intensive work before his coach, Mihaly Igloi, will send him into competition again.

Jim Beatty showed he was physically and mentally sharp once more by whizzing past Dyrrol Burleson with a 57.4 last 440 to cap a 4:07.4 mile. No one would set a pace and after a 2:09.0 half, it looked like it would be the year's slowest race. Burleson then took over with a 61.0 but with half a lap remaining Jim turned on his great acceleration and pulled away to win by 15 yards. Unhappy Burley, who has done little speed work, said "maybe someone who deserves it should take the trip to New Zealand," in thinking of his three-week journey Down Under. Coach Bill Bowerman has been experimenting with Arthur Lydiard's concepts this fall and all Oregon runners find themselves long on stamina and short on speed at this time.

Still stiff from football and lacking his explosive start, Roscoe Cook equalled his indoor world record of 6.0 in the 60 but it wasn't until the last five yards that he pulled away from Darrell Horn and Harry Jerome, the pair dead-heating for second in 6.1. Horn later captured the broad jump with a lifetime best 25'6½" and looks like a coming 26-footer.

In what he says is his last fling, Parry O'Brien took the shot with 61'11½". Dallas Long, lifting heavy but putting little, reached 59'3". Ron Morris got over 15 feet and Don Bragg didn't to highlight a pole vault which saw sixth place Jerry Betz of Oregon State clear 14'6". Bragg complained of a slightly pulled leg muscle. He looked quite slow.

Bowerman thought a 500 run in lanes would produce a world indoor record. Otis Davis and Eddie Southern, both on boards for the first time, were confused by the stagger, lost count of the laps and were beaten by little-known Rick Harder of Washington in 59.5. Southern, angry with himself, spun a 47.4 in the mile relay and that buoyed his spirits.

Three milers showed unmistakable promise. Oregon's Keith Foreman, a 4:24 man at Portland's Cleveland High School two seasons ago, anchored the distance medley relay in an impressive 4:10 but Oregon State's Dale Story, the national high school mile record holder, clocked 4:08 in making up ground on Foreman. In the "B" mile, Oregon freshman Clayton Steinke showed promise with an easy and uncontested 4:14.6.

The track, built in Eugene to Bowerman's specifications, is made of half-inch plywood and cost \$15,000 to construct. Those athletes who have made the Eastern circuit hailed it as the greatest they have ever stepped on. Featuring tongue-in-groove fitting, it is a thing of beauty. The curves, banked to 44 inches, are just right. The only criticism came from Bowerman himself. "It's too well built. We could have put it together for \$5,000 (without tongue-in-groove) and still had a quality surface. It will last forever." From the looks of things, so will the Oregon Invitational.

60, Heats, 1 - Horn (Oregon St) 6.1, 2. Jerome (Oregon) 6.1, 3. Eves (Oregon St frosh) 6.2. II - Cook (Oregon) 6.1, 2. Marsh (Oregon St) 6.2; 3. Saunders (Wash) 6.2. Final - Cook 6.0 (ties American indoor record), 2. tie, Horn and Jerome 6.1; 4. Marsh; 5. Saunders; 6. Eves.

500, Harder (Wash) 59.5; 2. Davis (EEAA) 59.5; 3. Southern (USAF) 59.6; 4. K. Ohlemann (Canada) 1:00.1.

1,000, S. Ohlemann (Oregon) 2:11.4, 2. Grelle (EEAA) 2:12.2; 3. San Romani (EEAA) 2:12.3, 4. Means (USAF) 2:12.4, 5. Hoffman (Oregon St) 2:18.6.

Mile, Beatty (SCVYV) 4:07.4; 2. Burleson (Oregon) 4:08.7; 3. Larson (Oregon) 4:15.1, 4. Schul (USAF) 4:19.5; 5. Saverovich (Wash. frosh) 4:22.0. "B" race, Steinke (Oregon frosh) 4:14.6.

2 Mile, Halberg (New Zealand) 8:34.3 (American indoor record); 2. Tabori (SCVYV) 8:47.6, 3. Truex (USAF) 8:57.0; 4. Boyd (Oregon St) 9:09.2.

60HH, Cawley (USC) 7.3; 2. Tarr (Oregon) 7.3; 3. Ball (USAF) 7.4; 4. Gaetcher.

HJ, Avant (USC) 6'7", 2. tie, Bosquet (Idaho frosh), Llewelyn (Oregon frosh), Newton (Oregon) and Stenlund (Oregon St) 6'4".

PV, Morris (SC Striders) 15'; 2. tie, Bragg (una), Brewer (una), Cramer (Wash) and Paquin (Oregon) 14'9", 6. Betz (Oregon St) 14'6".

BJ, Horn (Oregon St) 25'6½"; 2. Kelly (una) 24'1½"; 3. Close (Oregon) 23'10½"; 4. Renfro (Oregon frosh) 23'6½".

SP, O'Brien (SC Striders) 61'11½"; 2. Long (USC) 59'3", 3. Buchanan (Wash) 54'6½", 4. Dave Steen (Oregon) 53'10".

MileR, Oxnard AFB (O'Connor, Means, Southern, Bolden) 3:22.1, 2. Oregon St. 3:25.2; 3. Stanford 3:26.9, 4. Oregon St. frosh 3:30.8; 5. Washington 3:31.9.

Sprint MedleyR, (320, 480, 640, 800) Oregon frosh 4:37.9, 2. Oregon St. frosh 4:51.2; 3. Lewis & Clark 4:56.8, 4. Portland 4:57.5.

Distance MedleyR, Oregon (Puckett, Richardson, Reeve, Foreman) 10:31.6, 2. Oregon State 10:32.2, 3. Santa Clara Valley Youth Village 10:34.7.



FRANK BUDD of Villanova nips PAUL WINDER of Morgan State and ED COLLYMORE of the Quantico Marines in the 50-yard dash at the Boston Knights of Columbus meet. The time was 5.3. (Photo by Boston Globe)

LOS ANGELES INVITATIONAL

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concentrate on the sprints from now on. Another good sprint time was turned in by Wilma Rudolph who showed her usual class with an American record 6.9 for the women's 60.

One of the best sprint performances of the evening came at the end of the mile when Jim Beatty exploded past a strong running Ernie Cunliffe and left his pursuer by nearly 15 yards in the last 100. After a dawdling 2:05.6 half the time was only 4:06.4 but Beatty seems ready to run with the best of them at this distance.

Trading the lead each quarter-mile, Laszlo Tabori and Max Truex had at each other in the last quarter of the two-mile with the former pulling away for a convincing 8:53.2 win.

60, Cook (una) 6.1; 2. James (Letterman Hosp.) 6.1; 3. Dave Styron (una) 6.2, 4. Watson (una) 6.2; 5. Horn (Oregon St) 6.3; 6. Poynter (una) 6.3.

Women's 60, Rudolph (Tenn. A&I) 6.9 (American indoor record); 2. Mack (San Mateo GAA) 7.2; 3. Robertson (Spartan WAC) 7.4; 4. Johnson (San Mateo) 7.4. 500, Davis (EEAA) 58.4; 2. Southern (USAF) 58.6; 3. Mal Spence (una) 1:00.7; 4. Clark (SC Striders) 1:01.3.

600, Mel Spence (una) 1:13.0; 2. Dupree (una) 1:13.7; 3. Mullins (una) 1:13.9, 4. Ohlemann (una) 1:14.5; 5. Foerster (San Diego T&FA) 1:15.5.

1,000, Grelle (EEAA) 2:15.0; 2. Means (USAF) 2:15.7; 3. Cushman (Grand Forks AC) 2:15.7; 4. Bess (una) 2:17.7; 5. Rodriguez (Cal Poly, SLO) 2:18.5.

Mile, Beatty (SCVYV) 4:06.4; 2. Cunliffe (una) 4:08.1; 3. San Romani (EEAA) 4:10.4; 4. Holland (una) 4:18.1; 5. Foreman (una) 4:23.4.

2 Miles, Tabori (SCVYV) 8:53.2; 2. Truex (USAF) 8:55.0; 3. Peck (Ocy) 9:23.4; 4. Murphy (una) 9:39.6. Larson (una) did not finish.

60HH, Jones (una) 7.1; 2. Cawley (una) 7.3; 3. Yang (UCLA) 7.4; 4. Pierce (una). BJ, Boston (Tenn. A&I) 25'10" (American indoor record); 2. Horn 23'9½"; 3. Wilson (Pepperdine) 22'6".

HJ, Avant (una) 6'11"; 2. Williams (SCVYV) 6'7"; 3. tie, Fehlen (USMC) and Faust (una) 6'6".

PV, Bragg (una) 15'; 2. tie, Dooley (una) and Morris (SC Striders) 14'6"; 4. Brewer (una) 14'6", 5. Hein (una) 14'.

SP, O'Brien (una) 63'1½" (American indoor record); 2. Long (una) 60'4", 3. Humphreys (SC Striders) 56'3½"; 4. Silvester (USA) 56'1½".

35 lb. WT, Connolly (Striders) 67'2½"; 2. Pagani (Cal Poly, SLO) 63'5½"; 3. Pryde (UCSB) 55'8½"; 4. Frenn (N. Hollywood AC) 45'.

MileR, Arizona St. (Schreiner, Barrick, Mel Spence, Mal Spence) 3:21.9; 2. Occidental (Haas 49.4) 3:22.0; 3. Oxnard AFB 3:32.3.

2 MileR, Occidental (Pedersen, Cerveney, Dornan, Moon) 7:49.2; 2. Southern Calif. 7:51.5; 3. Fullerton JC 7:55.2; 4. Stanford frosh 8:10.0.

OLYMPIC HANDBOOK

This fine book is now available directly from Track & Field News. The fourth edition has been revised greatly, now contains: detailed results of all Olympic Games finals to date; descriptions of all the finals (for the first time); the all-time world list, as of Jan. 1, 1960, 50 to 60 deep; a supplement of best world marks to July 18, 1960; and many fine photos. 128 pages.

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Track & Field News, Box 296, Los Altos, California

McArdle Clocks 13:57.8

by Jim Dunaway

New York, Jan. 20--With the favored New York Athletic Club hampered by heavy snow which kept several of its best men from competing, a New York University team of upperclassmen and standout freshmen dominated the Senior Metropolitan AAU meet at the 168th St. Armory tonight.

Peter McArdle of the NYAC was a repeat winner in the three-mile, winning by over a lap in the meet record time of 13:57.8. Best race of the program was the 600, where Jim Wedderburn, West Indies Olympian who runs for NYU, edged past Doug Tynan of Fordham in the stretch to win by a yard.

Ed Moran and Pete Close, co-favorites for the mile, missed the event because of the snow, and it was taken by John Kopil, who himself missed the first section and ran in the second section without a warmup. Moran, arriving just in time for the 2-mile relay, ran a 1:52.7 anchor leg to help the club finish second, but the team was disqualified on an illegal pass.

Field events, postponed by snow, will be held on Feb. 3rd.

60- Rush (NY Com. Coll.) 6.5; 2, Collymore (NYPC); 3, Bertrand (NYU).

600- Wedderburn (NYU) 1:13.3; 2, Tynan (Fordham) 1:13.5; 3, McRae 1:14.8.

1000- Tomeo (Fordham) 2:20.2; 3, McGrath (NYU) 2:21.4; 3, Bennett (NYU) 21.8

Mile- Kopil (NYAC) 4:19.4; 2, Brown (NYU) 4:22; 3, Reid (Manhattan) 4:23.2.

3-Mile- McArdle (NYAC) 13:57.8 (MR); 2, McKenzie (NYPC) 14:44.0; 3, Lang

60HH- Zemachson (NYU) 7.9; 2, Urban (NYU); 3, Pitts (unat); 4, Johnson (NYU)

HJ- Gardner (NYAC) 6'6; 2, Little (NYU Fr) 6'4; 3, Curry (NYPC) 6'2.

1060 Sprint 'edley R- NYU (Bertrand 49.4) 1:54.6; 2, NYAC; 3, NYPC; 4, Man.

Mile R- St. John's (Shane 49.6) 3:23.8; 2, Fordham 3:24.3; 3, NYPC; 4, Man. Fr.

2-Mile R- Fordham 7:53.8; 2, Manhattan; 3, St. John's; 4, Fordham Frosh

Indoor Record Book

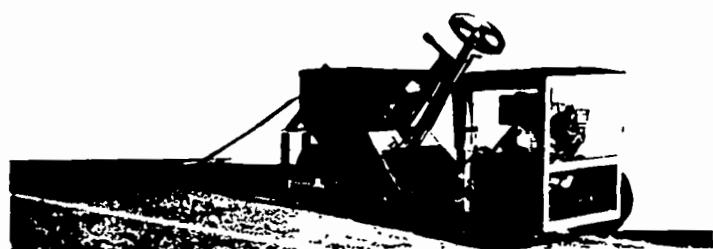
This second edition of the first ever indoor record book is completely revised. All-time indoor performers and performance lists are expanded and brought up to date; meet records for 23 meets; Madison Square Garden and Boston Garden records; American records; complete 1961 schedule; evolution of mile record; famous indoor doubles; slow motion mile; all time best for each performer, 500, 600, mile; history of indoor track--salute to NYAC.

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Morgan Takes 5 Firsts

By Larry Null, The Baltimore Sun

Baltimore, Md., Jan. 7 — Morgan State added a local flavor to the 15th annual All-Eastern Invitational Indoor Games tonight by winning five events, setting one record and tying another.

Lee Martin, the Baltimore school's middle distance specialist, lowered the 14-year-old half-mile record a tenth of a second to 1:53.8 and then ran a 49.0 third leg to pace Morgan State's winning mile relay outfit to a 3:20.6 time. Morgan's Paul Winder, National AAU indoor sprint champion for two straight years, tied the meet's 60-yard dash record of 6.1 and teammate Lawson Smart nipped Dick Smith of Maryland at the tape as both were timed in 1:12.6 for the 600. The fifth Morgan victory came when the freshman mile relay team won its race in 3:29.8.

The only other meet record to fall was the 4:12.3 mile record shared by Tom Quinn (1947) and Fred Wilt (1950). It was Ed Moran who took the early lead and toured the eight-lap flat track in 4:08.8 to finish about 35 yards in front of Bob Vinton, former Georgetown ace, who clocked 4:13.8. Al Lawrence of Houston outkicked steeplechaser George Young in the two miles to win in 9:05.0.

NOTES: (from Jim Dunaway) Paul Winder's 6.1 looked a trifle generous to watchholders in the stands... Moran, a graduate business student at Penn State, ran with a cold... Al Lawrence ran 62.5 on his last quarter in the two mile... Quantico high jumper Bob Gardner missed the meet because of shin splints... teammate Mel Schwarz passed up the pole vault because he went out of the country on Marine amphibious maneuvers.

60, Winder (Morgan St) 6.1; 2, Jackson (Morgan St. frosh) 6.4; 3, Lambert (Md. frosh) 6.5, 4, Spiegel (Md) 6.5, 5, Collymore (Quantico) 6.5. (Lambert ran 6.2 in a heat)

600, Smart (Morgan St) 1:12.6; 2, Smith (una) 1:12.6, 3, Board (Virginia).

880, Martin (MS) 1:53.8; 2, Almond (Houston TC) 1:56.9; 3, Cozens (HTC).

Mile, Moran (NYAC) 4:08.8, 2, Vinton (BOC) 4:13.8; 3, Clohessy (HTC)

4:14.5, 4, Close (Quantico) 4:18.4; 5, Jones (Ft. Lee) 4:20.6.

2 Mile, Lawrence (Houston TC) 9:05.0; 2, Young (Ft. Lee) 9:05.4; 3, Sweet

(Alfred), 4, Brairwaite (VMI).

60HH, Rogers (Md. St) 7.3; 2, Johnson (Md) 7.3; 3, Bethea (MS frosh) 7.5.

(Johnson and Rogers ran 7.2 in heats)

HJ, Estes (Md) 6'4"; 2, Currie (Central Jersey TC) 6'4", 3, Davis (MS) 6'4".

PV, Uelses (Quantico) 14'; 2, Glass (Md) 14'; 3, Belizra (Md) 13'6".

Mile R, Morgan St. (Smith 50.6, King 50.7, Martin 49.0, Smart 50.3) 3:20.6,

2, Maryland St. 3:23.3; 3, Morgan St. B 3:24.9, 4, Seton Hall 3:26.2.

Women's 880, Pashkin (Queens Mercurettes) 2:25.5, 2, Bennett (Oriole TC).

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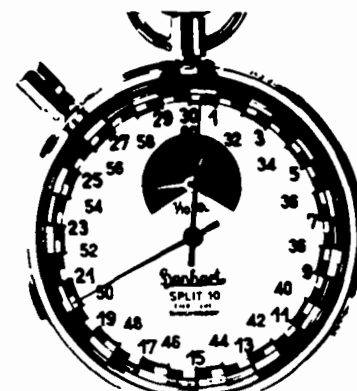
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TRACK & FIELD NEWS, P.O. Box 296, Los Altos, Calif.



JOE MULLINS of Nebraska and Canada, who won the 600 at the Boston Knights of Columbus meet in 1:12.0.



BOB BACKUS of the New York A.C. won the 35-pound weight throw at the Boston K of C meet with a toss of 67'3".

WASHINGTON STAR GAMES

8.54.3 by Al Lawrence

By Jim Dunaway

Washington, D.C., Jan. 28 — Sprinter Bob Brown and distance runner Al Lawrence stole the show tonight at the 14th annual Washington Star Indoor Games in the National Guard Armory here.

Brown joined Art Bragg, Dave Sime, Ira Murchison and Bobby Morrow in the select company of those who have swept the Star's unique 70-, 80- and 100-yard indoor sprint series. The Penn State senior beat Dave Styron in all three finals, with Ed Collymore of the Quantico Marines finishing third three times. Brown's times got better the farther he ran. He took the 70 in 7.1, the 80 in 7.9 and the 100 in 9.6, each one only one-tenth of a second over Dave Sime's meet marks.

Lawrence took the two-mile run all by himself in the meet record (and American flat floor record) time of 8:54.3, racing his Houston teammate John Macy, North Carolina graduate zoology student John Gutknecht and Englishman Fred Norris into the boards on the way.

Hayes Jones also came up with a fine performance in winning the 70-yard high hurdles in meet record time--8.2. The time ties the American indoor record of 8.2 set by Lee Calhoun in 1957. However, Jones' mark is superior. Calhoun set his mark over five hurdles while Jones ran his 8.2 over six hurdles. Jones had a clear two-yard margin over Don Styron, the hurdling twin from the Southern Illinois Salukis.

In other events, Frank Bowens repeated his 1960 victory at 600 yards, edging Hamilton McRae, New York University frosh, in 1:13.7. Cary Weisiger held off former Clemson ace John Dunkelberg, newly inducted into the army, by a yard in a 2:12.7 1,000. Ed Moran won a dull mile easily, loafing in off a 61.5, 2:03.9, 3:06.9 pace when no one stayed with him.

Don Bragg continued his mastery of the pole vault with a 15'1" which beat Aubrey Dooley, John Uelses and Henry Wadsworth of Florida among others. Mel Schwarz (just back from 2½ months of marine corps amphibious maneuvers in the Caribbean during which time he had but two workouts) could manage no better than 14'3" for sixth place.

In the women's events, Sandra Pashkin of the Queens Mercurettes set a new women's indoor 880 record with a 2:25.3 clocking and Ernestine Pollards of Chicago edged teammate Lacy O'Neal to cop the 100 and tie the meet record in 11.4.

The relays were all dismally slow, the best mark of the night being Georgetown's two-mile time of 7:52.4. Maryland State took the featured mile relay in 3:26.3, the slow time probably being due to the unbanked turns.

70, Brown (Penn St) 7.1; 2. Dave Styron (S. Ill. Salukis) 7.2, 3. Collymore (Quantico); 4. Lambert (Md. frosh); 5. Spiegel (Md).

80, Brown 7.9, 2. Dave Styron 6 inches; 3. Collymore; 4. Lambert; 5. Spiegel.

100, Brown 9.6; 2. Dave Styron 2', 3. Collymore; 4. Lambert; 5. Spiegel.

600, Bowens (Winston-Salem) 1:13.7; 2. McRae (NYU frosh) 1:13.9; 3. Smith (una) 1:14.6; 4. Crichlow (St. John's) 1:15.4, 5. Board (Va), 6. Frey (Quan).

1,000, Weisiger (Quantico) 2:12.7; 2. Dunkelberg (una) 2:12.9; 3. Brandeis (Cornell) 2:13.3; 4. Dupree (S. Ill. Salukis) 2:13.4.

Mile, Moran (NYAC) 4:11.5; 2. Clohessy (Houston) 4:16.4; 3. Skutka (Quantico) 4:21.7, 4. Fleming (Quantico) 4:23.4.

2 Mile, Lawrence (Houston) 8:54.3 (67.0, 2:13.1, 3:20.9, 4:28.3, 5:34.9, 6:42.0, 7:50.0), 2. Macy (Houston) 9:01.9, 3. Gutknecht (BOC) 9:05.6; 4. Norris (Lake Charles AC) 9:15.5; 5. Weber (Penn St) 9:27.5.

70HH, Jones (una) 8.2 (ties American indoor record), 2. Don Styron (S. Ill. Salukis), 3. Gilbert (una), 4. Paul Jones (Detroit TC), 5. tie, Rogers (Md. St) and Johnson (Md).

Mile Walk, Zinn (West Point) 6:40.8, 2. Arnheiter (Montclair St) 6:41.8, 3. MacDonald (NYPC) 6:47.3; 4. Mortland (Ohio TC) 6:48.0.

HJ, Gardner (Quantico) 6'6½", 2. Davis (Morgan St) 6'4", 3. Barksdale 6'2".

PV, Bragg (una) 15'1"; 2. Dooley (una) 14'9", 3. Uelses (Quantico) 14'9",

4. Wadsworth (Florida) 14'9"; 5. Murray (Cornell) 14'3"; 6. Schwarz (Quantico) 14'3".

MileR, Maryland State (Rogers, Phipps, Finger, Mays) 3:26.3; 2. St. John's (Shane 49.4); 3. Morgan State.

2 MileR, Georgetown (Tucker, McGovern, Jordan, Reilly) 7:52.4; 2. Penn State 7:52.5, 3. Furman; 4. North Carolina.

WOMEN'S EVENTS

100, Pollards (Mayor Daley YF) 11.4; 2. O'Neal (MDYF), 3. Fuller (Ohio TC). 70HH, Knott (Ohio TC) 10.3; 2. Faccioli (W. Chester AC); 3. Young (Ohio TC). 880, Pashkin (Queens Mercurettes) 2:25.3 (American indoor record), 2. Knott (Cleveland Rec.) 2:26.3, 3. Butcher (Cleveland Magyars) 2:27.6.

HJ, Walker (C. Jersey T&F) 4'10"; 2. Faccioli 4'9"; 3. Relf (MDYF) 4'9".

CHESTERFIELD JAYCEE MEET

Richmond, Va., Jan. 20 — Mile, Jones (Ft. Lee) 4:14.0; 2. Young (Ft. Lee). 880, Weisiger (Quantico) 1:56.6. 50HH, Johnson (Md) 6.3. 50, Lambert (Md. frosh) 5.4; Spiegel (Md). HJ, Leonard (Md) 6'4½".

UGTC INVITATIONAL RELAYS

Chicago, Jan. 21 — Mile Walk, Vaicaitis (UCTC) 6:47.7. Distance MedleyR, W. Illinois (Wilson, Cherrington, Lorenc, Kozar) 10:30.6. 60, Johnson (UCTC) 6.3. 70HH, State (OTC) 8.9. 880R, UCTC (Etherton, Jacobs, Houston, Johnson) 1:30.4. 70LH, Loomos (UCTC) 8.0. 3000SC, Higdon (UCTC) 9:38.5. BJ, Williams (Northwestern) 23'4½".

10-MILE ROAD RACE

Palo Alto, Calif., Dec. 26 — 1. Alex Henderson, una. 51:28.9 2. Mike Lehner, Oregon fr. 51:29.9 3. George Linn, Calif. 54:59 4. Jerry Laird, SCVYV 57:14 5. Jack Marden, SCVYV 59:38

OHIO T.C. DISTANCE CARNIVAL

3 Mile, Hegedus (Central St) 15:05.9. 9 Mile, Ruga (Central St) 52:43.3. 5½ Mile, Hegedus 28:17.4. 20 Mile, Blackburn (OTC) 1:55:43.5.

OREGON ST. DISTANCE PENTATHLON

Corvallis — (Held during first week of December) Cuddihy 4,343 points. 1:57.0 880, 3:06.7 1320, 4:18.0 mile, 9:12.8 2 miles, 51.9 440.

ATLANTIC CITY MARATHON

Atlantic City, N.J., Oct. 16 — 1. George Foulds, NYPC 2:39:53 2. Ted Corbitt, NYPC 2:43:15 3. Billy Smith, una. 2:49:30 4. Gonzales Scotto, BAA 2:50:10

OHIO T.C. DISTANCE WALKS

10 Mile, Allen 1:19:35.8. 3 Mile, Blackburn (OTC) 21:56.8. 20 Mile, Viacaitis (UCTC) 2:55:11.0.

NATIONAL AAU 25-KILO WALK

Providence, R.I., Oct. 12 — 1. John Allen, una. 2:03:28.3 2. Ron Laird, NYPC 2:06:30 3. Bruce MacDonald, NYPC 2:07:14 4. W. Ormeltchenko, NYPC 2:08:17 5. Bob Mimm, Penn AC 2:10:14

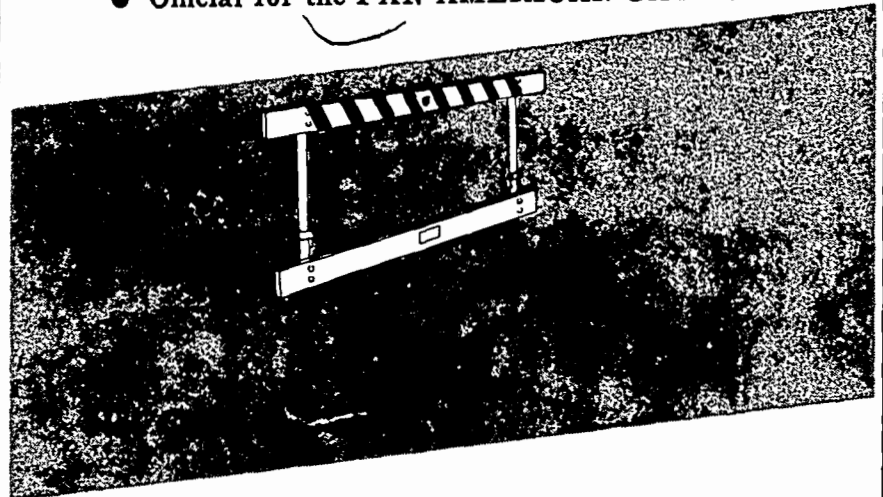
FIVE-MILE HANDICAP WALK

Seattle, Wash., Nov. 6 — 1. Earl Ellis, SOC 48:06.6 (8 minute handicap) 2. Paul Martinson, Seattle 48:32.2 (8 minute handicap) 3. Don Jacobs, Tigard, Ore. 46:50.1 (6 minute handicap)

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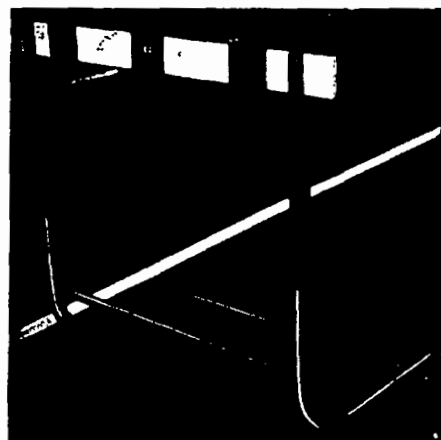
MEET THE COACH

FRANCIS G. "FRAN" WELCH, track coach and athletic director at Kansas State Teachers College in Emporia served as the field events coach for the U.S. Women's Olympic track team in Rome.

Welch, who was born Aug. 21, 1894, near Hartford, Kansas, enrolled at Emporia State (then Normal School) in 1914 and won letters in football, basketball and baseball but did not compete in track. He graduated in 1918 with degrees in agriculture and physical education.

After serving in World War I, he returned to Emporia State and became an agriculture instructor in 1920. He became an assistant football coach in 1921 and in 1928 moved up to the post of athletic director and track coach.

Among the track athletes he has coached are Archie San Romani, Sr., Billy Tidwell, Paul Whiteley, Johnny Kucks, Rex Ressler and Verne Sumner.



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CHICAGOLAND OPEN

Johnson Runs 6 Flat

By Lafayette Smith

Chicago, Jan. 14 — Brooks Johnson of the University of Chicago Track Club tied the American indoor dirt track record for the 60-yard dash tonight by running 6.0 in a semifinal heat in the Chicagoland Open meet at the University of Chicago's fieldhouse.

In another highlight, the Styron twins of the Southern Illinois Salukis took three firsts in the sprints and hurdles. However, the outstanding performance of the evening may have been a 1:52.8 half mile by Tom Sullivan of St. George High School.

Sullivan's fast 880 time came only a week after he had the mile in 4:12.5, the fastest ever run by a high school boy indoors. His fastest 880 time outdoors is a 1:53.1 set last spring. Like the 4:12.5, his 880 time is the fastest ever run by a high school boy indoors. His 1:52.8 was mainly a solo effort. Bert Ohlander of the UCTC, who normally might have pushed Sullivan, was caught in a box in the first lap and by the time he could break loose his opponent was gone. Sullivan's lap times were 27.5, 55.5 and 1:23.9. His time broke a 23-year-old fieldhouse record of 1:53.7 set by Indiana's Chuck Hornbostel in 1933.

In the semifinals of the 60, Johnson, an on-again, off-again sprinter, was off fast, finishing well in front of Dave Styron. Three watches caught Johnson in 6.0, 6.0 and 6.2. Two watches caught Styron in 6.2. In the finals, however, Styron finished an eyelash in front of Johnson, both runners being caught in 6.2. Starter Carl Dalke, who always holds runners fast on their marks and is rated a "tough" man to beat, said Johnson's start was good but honest. Johnson later won the 220 in 22.4, a half stride ahead of broad jump victor (23'1/4") Henry White of Loyola. Johnson ran 6.1 last year.

Dave Styron placed second in the low hurdles behind brother Don's meet record equalling 6.8. Don also won the high hurdles in 7.3 when Willie May of the UCTC strained a muscle in the finals and failed to finish. Rimantas Vaicaitis, an 18-year-old refugee from Lithuania who has been in the U.S. only six months, won the mile walk in a meet record 7:01.8. 60, Dave Styron (Salukis) 6.2, 2. Johnson (UCTC) 6.2, 3. Jackson (W. Ill.) 6.3. (Johnson ran 6.0 in semifinal heat). 220, Johnson 22.4; 2. White (Loyola) 22.6; 3. tie, Etherton (UCTC) and Douglas (Salukis) 22.9. 880, Sullivan (St. George HS) 1:52.8, 2. Ohlander (UCTC) 1:58.4. Mile, Kozar (W. Ill.) 4:21.3. 3 Mile, Williams (UCTC) 14:30.8, 2. Thomas (Salukis) 14:50.7, 3. Coleman (UCTC) 15:12.0. 3000SC, Higdon (UCTC) 9:46.8, 2. Thomas 9:58.0. Mile Walk, Vaicaitis (UCTC) 7:01.8, 2. McCarthy (UCTC) 7:47.3. 60HH, Don Styron (Salukis) 7.3, 2. Slate (Ohio TC) 7.6. (May (UCTC) did not finish). 60LH, Don Styron 6.8, 2. Dave Styron 7.1, 3. Ashmore (UCTC) 7.2. BJ, White 23'1/4". HJ, Smith (UCTC) 6'3 3/4". PV, Gibson (UCTC) 13'6".

U.C.T.C. HOLIDAY MEET

Styrons Shine Again

By Lafayette Smith

Chicago, Dec. 23 — The Styron twins, Dave and Don, made their Midwest track debut tonight by taking two firsts and two seconds at the University of Chicago Track Club's annual Holiday Meet.

Don finished second in the 60-yard low hurdles, 7.4 to 7.3 for Olympic silver medalist Willie May, then won the low hurdles in 6.8 while brother Dave took second in 7.0. In the low hurdles four out of the six finalists were twins. Frank and Ted Loomos of the UCTC finished fourth and sixth, respectively.

Earlier, Dave Styron had won the 60-yard dash in 6.3 by inches over Brooks Johnson of the UCTC. Johnson ran 6.2 in a heat. Ira Murchison had won his qualifying heat in 6.5 that afternoon, but missed the evening semifinals when his car had a flat tire.

Jim Dupree, who like the Styrons represented the Southern Illinois Salukis, won the 880 in 1:54.5. Tom Sullivan, St. George High School senior, finished second in 1:55.1, outkicking Bert Ohlander of the UCTC, who ran on the Finnish Olympic team last summer.

Three meet records fell, two in the hurdle races. The third record was in the shot put where John Fry of Baylor threw 55'6 1/4". 60, Dave Styron (Salukis) 6.3, 2. Johnson (UCTC) 6.3, 3. Jacobs (UCTC). 220, Johnson 22.7; 2. White (Loyola) 22.7. 880, Dupree (Salukis) 1:54.5; 2. Sullivan (St. George HS) 1:55.1, 3. Ohlander (UCTC) 1:56.0. Mile, O'Hara (Loyola) 4:18.0. 2 Mile, Thomas (Salukis) 9:25.1. Mile Walk, Ruryana (una) 7:08.2; 2. Vaicaitis (UCTC) 7:16.6. 60HH, May (UCTC) 7.3, 2. Don Styron (Salukis) 7.4. 60LH, Don Styron 6.8, 2. Dave Styron 7.0. HJ, Edwards (L Club) 6'3 3/4", 2. Smith (UCTC) 6'3 3/4". PV, Hoyle (UCTC) 14', 2. Gibson (UCTC) 13'6", 3. Keel (Furman) 13'6". SP, Fry (una) 55'6 1/4".

WHO'S WHO

"Who's Who in Olympic Track & Field, 1960" gives the lowdown on all the U.S. Olympians, plus the best of the rest of the world. Personal states include birthdate and place, height, weight, schooling, occupation, etc. Progress of best marks from beginning in track to present. Editorial comment and information. Fine reference work. The 1956 edition was a quick sellout. This edition is in limited supply.

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Track & Field News, Box 296, Los Altos, California



BRUCE KIDD, the 17-year-old Canadian high school boy who won the two mile at the Boston Knights of Columbus meet in 8:49.1, is congratulated by Governor JOHN VOLPE of Massachusetts (right) and meet director DING DUSSAULT (center). (Photo by Boston Globe)

Profiles of Champions

JOHN CURTIS THOMAS, high jump, 6'5½", 191 pounds, black hair, brown eyes, born March 3, 1941, Boston, Mass. Student, Boston University. Friends first interested him in track when he was a freshman at Rindge Tech. High School in Cambridge, Mass. In his first year he high jumped 5'1" but improved to 5'7" as a sophomore. Indoors the following year he did 5'9" but zoomed up to 6'6" outdoors. In the 1958 indoor season he won the National Interscholastic title at 6'7½" and placed fifth in the 60-yard high hurdles. Outdoors, he tied for third in the National AAU meet at 6'8" and was selected to go on an AAU tour of Japan. Overseas, he came up with a best of 6'10½". He also ran the high hurdles in high school and his best time for the 39-inch hurdles was 14.7. He enrolled at Boston University and proceeded to headlines during the 1959 indoor season when he broke Ken Wiesner's indoor record of 6'10½" in practically every meet. He jumped seven feet for the first time in the Millrose Games and hit a season's best of 7'1¼" in winning the National AAU title. He didn't compete outdoors because he injured his takeoff foot in an elevator shaft accident. However, he returned in the 1960 indoor season and bettered his old world mark of 7'1¼" four times. He opened the season with a 7'½" clearance at the Boston Knights of Columbus meet and closed the indoor season with a world indoor record of 7'2½" at the Chicago Daily News Relays. He won the National AAU indoor title for the second straight time with a 7'2" effort. He continued his high altitude jumping outdoors and won the NCAA high jump crown at seven feet even. A week later, he set a world record of 7'2" at the National AAU and then improved this mark to 7'3¾" at the Olympic Trials. In the Olympics, he took the bronze medal with a leap of 7'¼". His goal for next season is to keep winning and to do the best possible. His all-time goal is an Olympic goal medal in 1964 and he plans to compete as long as possible.

He trains nine months a year, three to four days a week. He does some weight training but only enough for general bodybuilding. In the winter, he does a lot of running and jumps three times a week. He follows the same schedule in the spring and his summer training schedule depends on whether he is going to make any tours. In the fall, he rests until November and then does a lot of running. He was coached in high school by Thomas Duffy and in college by Ed Flanagan. He majors in physical education and hopes to become either a coach or a physical therapist. He made the dean's list in college last year. Besides winning the bronze medal in the Olympics, he also received a big thrill by winning in his first high school meet. His biggest disappointment was missing the 1959 outdoor season. The thing he dislikes most is excessive publicity. In addition to competing in track in high school, he was the school's tennis captain in 1955.

1960 Olympic Films

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2 American Records Fall

by Bert Nelson

Stanford, Calif.; Jan. 7--America's pioneer winter all-comers program, now in its third year of weekly outdoor competitions, produced two American records for some 500 fans who also were rewarded by a warm and beautiful afternoon.

The two records came back-to-back on the program. Olympic 5000m champ Murray Halberg was first up and he produced a U.S. all-comers mark in the two mile of 8:40.8. Immediately following was Ernie Cunliffe, U.S. Olympian running on his home track, who toured the seldom run (outdoors) 1000 yards in 2:07.3, the fastest on record.

Halberg was offered no competition, of course, although Ned Sargent did run a respectable 9:13.5. But the veteran New Zealander needed none. He toured the first mile in 4:19.5, slowed slightly on the sixth and seventh laps and finished with 62.5. His laps were 64, 64, 66.9, 64.6, 65.3, 66.4, 67.1 and 62.5.

The record, which betters Alex Henderson's U.S. all-comers mark of 8:46.3 and Bill Dellinger's American record of 8:43.8, went according to plan. Murray had just one indoor race scheduled on his American trip and he thought he was to run the mile where he expected to be beaten. So in addition to taking advantage of this area's warmer, drier weather Halberg wanted to get in one good performance so U.S. fans wouldn't think poorly of him.

Cunliffe used his race to tune-up for his 1961 indoor debut. He ran the quarter in 55.0 and the half in 1:51.8, then came home without trouble. The recognized national record is Lon Spurrier's 2:08.5 of 1955 while Brian Hewson has the best known clocking for this event for which there is no world mark. The Briton ran 2:07.5 on the way to a 1000 meter time.

Results included: 2-mile-3, McGee, YV, 9:22.0; 4, Hughes, YV, 9:32.4; SP-Silvester, 55'1 1/2; DT-Silvester 172'4; Egan 165'2 1/2; Bell, Stanford, 162'3 1/2; Weill, Stanford, 161'2.

MET. AAU DEVELOPMENT MEETS

New York City, Dec. 17 — 300, (heat) Bowens (Winston-Salem) 32.2. Mile, Brown (NYU) 4:18.4 (scratch). 2 Mile, McArdle (NYAC) 9:08.1 (scr). 60HH, Rogers (Md. St) 7.8. Dec. 23 — 300, (heat) Bowens 32.8. 2 Mile, Mack (Yale) 9:19.0

(scratch). 60HH, Rogers 7.6.

Dec. 30 — 3 Mile, McArdle 14:15.8, Mack 14:22.8. 60HH, Rogers 7.5, 60, Rush (NYCC) 6.4.

HOLIDAY 10-MILE ROAD RACE

Chicago, Dec. 31 — 1. Harold Harris, UCTC 53:34
2. Hal Higdon, UCTC 55:05

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McNeese State freshman FRED NORRIS, who won the 5,000 at the Sugar Bowl meet in 14:26.2.



AUBREY DOOLEY, who took the pole vault at the Sugar Bowl meet with a meet record 15'4 3/4".

SUGAR BOWL MEET

Dooley Vaults 15'4 3/4"

New Orleans, Jan. 1 — Former Oklahoma State pole vaulter Aubrey Dooley opened his 1961 season today by setting a meet record of 15'4 3/4" at the annual Sugar Bowl meet.

Dooley's clearance broke the old meet record of 15' set by Cornelius Warmerdam in 1941. Dooley was unanimously picked as the meet's outstanding athlete for his performance. He vaulted from a board runway because a heavy rain the day before the meet made the regular runway too soft.

Dooley did away with all of the opposition when he cleared 14'4". He then made 14'10" on his first try and had the bar raised to 15'1". He missed on his first try when an arm knocked off the bar coming down. However, someone noticed that the crossbar was bent and so it was replaced with a new one. A measurement now showed the bar to be at 15'4 3/4". He made it on his second attempt. The bar was raised to 15'6" but Dooley missed twice before calling it a day.

Stanford graduate student Ernie Cunliffe followed his usual pace setting tactics to win the 1,500 meters rather handily in 3:49.0, a time only a half second off the meet record. It was a tremendous effort considering the poor condition of the track. He passed each quarter mark in 63.9, 2:06.4 and 3:06.2. The real battle was for second where Archie San Romani, the Oregon transfer student, passed teammate George Larson in the last five meters to take the runnerup spot in 3:51.2.

The 5,000 meters had a disappointing field of only three runners, two Australians and an Englishman, but Fred Norris of McNeese State, the Englishman, and Houston's Al Lawrence, one of the Australians, waged a hot battle in the 50-degree weather. Norris and Lawrence alternated the lead until just before the two-mile mark when the Englishman started to pull away. Norris, a 39-year-old freshman, posted 9:11.3 at two miles with Lawrence starting to drop steadily back in 9:15.6.

Norris kept adding to his lead and passed the three mile point in 13:58.5 with Lawrence now a little more than 10 seconds back in 14:08.8. Norris barely missed Lawrence's meet record of 14:25.0 with a 14:26.2 while Lawrence easily took the second place with a 14:39.3. Houston freshman Geoff Walker, the other entry, was far back in 15:12.0.

The high hurdles produced a surprise when Don Styron, a 13.8 man, failed to place. The event went to Rex Stucker of Kansas State, who took the lead going over the last hurdle and won in a slow 14.7. However, the event was run into a cold, stiff breeze. Rex Cawley, the winner here last year, had to settle for second this time with a 14.9 while Styron went unplaced after hitting six of the hurdles.

Brother Dave upheld the prestige of the Styron family by taking the 100 meters in 10.8 after pulling away in the last 50 meters. In another highlight, Olympian Jack Yerman won the 400 meters as he pleased in 48.2. He was timed in 23.0 at the 200 meters.

100m, Dave Styron (S. Ill. Salukis) 10.8, 2. Alsbaugh (Austin AC) 10.9, 3. Fornaris (LSU) 11.0; 4. Segal (Furman) 11.0.

400, Yerman (una) 48.2, 2. Toomey (una) 48.8; 3. Southern (una) 48.9, 4. Ablowich (Georgia Tech) 49.1.

1500, Cunliffe (una) 3:49.0; 2. San Romani (una) 3:51.2, 3. Larson (Oregon) 3:51.3, 4. Almond (Houston TC) 3:53.0.

5,000, Norris (McNeese St) 9:11.3 (13:58.5 3m); 2. Lawrence (Houston TC) 14:39.3 (14:08.8), 3. Walker (Houston TC) 15:12.0 (14:41.4). (Only entries)

110HH, Stucker (Kansas St) 14.7; 2. Cawley (S. Calif.) 14.9; 3. Cooper (Austin AC) 15.0; 4. Durham (LSU) 15.0.

PV, Dooley (una) 15'4 3/4", 2. tie, Clark (una) and Bennett (Austin AC) 14'; 4. Harris (LSU) 14'.

400R, Louisiana State (McDonald, Constant, Fornaris, Yates) 42.0, 2. S. Illinois Salukis 42.1, 3. Houston TC 42.2; 4. Austin AC 42.3.

1600R, Oklahoma State (Govaerts, Covert, Stone, Strong 47.5) 3:15.9; 2. Austin AC 3:16.1, 3. Houston TC (Cassell 47.6) 3:17.2; 4. Kansas State 3:18.0.

GILL

New High School Thin Rim Discus



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After three years of experimentation by the National Alliance Track & Field Committee a thinner rimmed high school discus has been adopted to be used along with the current official discus. Tests show that it can not be thrown further but it can be thrown with better control by the boy with the smaller hands. It is the same over all size and weight. Available this year in the wood center only with the sand blasted metal rim for better control.

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1960 World List

Compiled by R.L. Quercetani & L.H. Fotts

100 YARD DASH

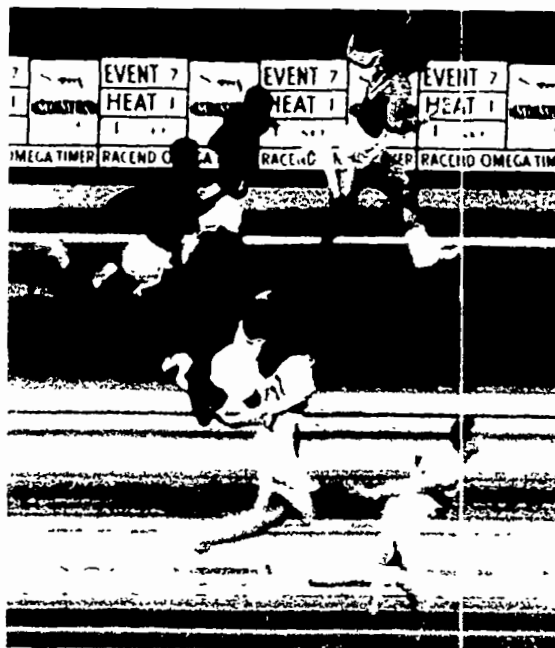
9.3	Ray Norton(USA)San Jose	(1)	4/2
9.4	Bob Poynter(USA)San Jose	(1)	3/12
9.4	Stone Johnson(USA)Baton Rouge	(1)	3/19
9.4	Charles Tidwell(USA)Abilene	(1)	4/16
9.4	Jane White(USA)	(1)	4/30
9.4	Larry Dunn(USA)Tempe	(1)	5/7
9.4	Ralph Alspaugh(USA)Fort Worth	(1)	5/14
9.4	Doug Smith(USA)Fresno	(1)	5/14
9.4	Peter Radford(Gt.Br)Wolverhampton	h(1)	5/28
9.4	Fred McCoy(USA)Fort Collins	(1)	5/28
9.4	Harry Jerome(Canada)Modesto	(1)	5/28
9.5	Beyvyn Baker(Australia)Melbourne	h(1)	2/20
9.5	Bobby Morrow(USA)Fort Worth	(1)	3/12
9.5	Sid Garton(USA)Odessa, Texas	(1)	3/19
9.5	Dave Styron(USA)Gainesville	(1)	3/26
9.5	Willie Williams(USA)San Jose	(3)	4/2
9.5	Dave Sims(USA)	(1)	4/5
9.5	Hubie Watson(USA)Los Angeles	(1)	4/7
9.5	George Peterson(USA)Abilene	(2)	4/16
9.5	Dannia Johnson(W. Indies)S. Barbara	(1)	4/16
9.5	Ray Etharby(USA)Albuquerque	(1)	4/1
9.5	David Segal(Gt.Br)Johnson City, Tenn	(1)	4/29
9.5	Bob Saunders(USA)Seattle	(1)	4/30
9.5	Willie White(USA)Berkeley	(1)	4/30
9.5	Amos Marsh(USA)Berkeley	(2)	4/30
9.5	Billy Hollis(USA)Houston	(1)	4/14
9.5	Seraphino Antao(Kenya)	(1)	5/7
9.5	Paul Winder(USA)Baltimore	(1)	5/14
9.5	Vance Robinson(USA)Baltimore	(2)	5/14
9.5	Bill Kemp(USA)Fort Worth	(1)	5/14
9.5	Ray Knaub(USA)Fort Worth	(2)	5/14
9.5	Hayes Jones(USA)	(1)	5/18
9.5	Jerry McCullough(USA)Ft. Campbell, Ky	(1)	5/21
9.5	Buddy Fowlkes(USA)Atlanta	(1)	5/28
9.5	Bill Woodhouse(USA)Modesto	h(3)	5/28
9.5	Jim Omagbemi(Nigeria)Modesto	(4)	5/28
9.5	Jack Higgins(USA)Spokane	(1)	5/28
9.5	Lynn Eves(Canada)Eugene	(2)	5/30
9.5	Edward Jeffreys(So. Afr)Johannesburg	(1)	9/24

with wind:

9.2	Bruce Land(USA)Abilene	(1)	4/13
9.3	John Lewis(USA)Abilene	(2)	4/13
9.3	R.L. Lassater(USA)Graham, Texas	(1)	5/14
9.3	Peter Radford(Gt.Br)Wolverhampton	(1)	5/28
9.3	Don Bursall(Australia)Sydney	(1)	11/13
9.4	Chris Knott(USA)Los Angeles	(1)	4/2
9.4	Billy Hollis(USA)Waco	(1)	5/5
9.4	Dennis Duncan(USA)Graham, Texas	(2)	5/14
9.4	Dennis Johnson(W. Indies)Fresno	(1)	5/14
9.4	Tom Robinson(Bahamas)E. Lansing	(1)	5/21
9.4	Edward Jeffreys(So. Afr)Krugersdorp	(1)	10/8
9.5	James Guy(USA)Dallas	(1)	3/22
9.5	Ray Green(USA)Los Angeles	(1)	4/
9.5	Tony Sepp(USA)Charlottesville, Va.	(1)	4/13
9.5	Duane McIntyre(USA)Fayetteville	(1)	4/15
9.5	Jerry Barber(USA)College Station	(1)	4/23
9.5	Curt Newbury(USA)Dallas	(1)	4/23
9.5	Jim Douglas(USA)Ft. Lauderdale, Fla.	(1)	5/6
9.5	Jim Baird(USA)Nacogdoches, Tex.	(1)	5/14
9.5	Bob Brooks(USA)Fresno	h(3)	5/14
9.5	Jimmy Weaver(USA)Fresno	h(2)	5/14
9.5	Leonard White(USA)Fresno	h(3)	5/14
9.5	Larry McCue(USA)Big Spring, Tex.	(1)	5/21
9.5	Eddie Miles(USA)East Lansing	(2)	5/21
9.5	Rod Lambert(USA)Newark, Del.	(1)	5/28
9.5	Roscoe Cook(USA)Modesto	h(4)	5/28

100 METER DASH

10.0	Armin Hary(Germany)Zurich	(1)	6/21
10.0	Harry Jerome(Canada)Saskatoon	(1)	7/15
10.1	Charles Tidwell(USA)Houston	(1)	6/10
10.1	Dave Sims(USA)Walnut, Cal.	(1)	8/12
10.2	Edward Jeffreys(So. Afr)Benoni	(1)	2/20
10.2	Bobby Morrow(USA)Lafayette, La.	(1)	4/9
10.2	Dave Styron(USA)Lafayette, La.	(2)	4/9
10.2	Bill Woodhouse(USA)Abilene	(1)	4/16
10.2	Jimmy Weaver(USA)Abilene	(2)	4/16
10.2	David James(USA)Ankara	(1)	4/22
10.2	Livio Berruti(Italy)Verona	(1)	5/26
10.2	Manfred Germar(Germany)Malmö	(1)	6/7
10.2	Paul Winder(USA)Berkeley	s(1)	6/18



The finish photo of the Olympic 100 meters as taken by the Racend-Omega timer. Winning is ARMIN HARY of Germany with DAVE SIMS of the U.S. second, PETER RADFORD, Great Britain, third, ENRIQUE FIGUEROA, Cuba, fourth, FRANK BUDD, U.S., fifth, and RAY NORTON, U.S., sixth.

10.2	Abdoulaye Seye(France)Paris	(1)	7/2
10.2	Enrique Figueroa(Cuba)Havana	(1)	8/2
10.2	Stone Johnson(USA)Walnut, Cal.	(2)	8/12
10.3	Sid Garton(USA)Lafayette, La.	(1)	4/9
10.3	Aleksandr Matsko(USSR)Minsk	h(1)	5/1
10.3	Nikolay Politiko(USSR)Minsk	h(1)	5/1
10.3	Ray Norton(USA)Sunnyvale, Cal.	(1)	5/6
10.3	Doug Smith(USA)Taft, Cal.	(1)	5/7
10.3	Heinz Müller(Switzerland)Zurich	(1)	5/14
10.3	Walt Fillman(USA)Quantico	(1)	6/3
10.3	Santiago Plaza(Mexico)Mexico City	(1)	6/4
10.3	Tom Fuller(USA)Quantico	(1)	6/10
10.3	Bob Brown(USA)Fort Wayne, Ind.	(1)	6/10
10.3	Leonid Bartenyev(USSR)Moscow	(1)	6/11
10.3	Tom Robinson(Bahamas)Berkeley	h(1)	6/17
10.3	Peter Radford(Gt.Br)Wolverhampton	(1)	6/18
10.3	Jocelyn Delecour(France)Paris	(2)	7/2
10.3	Alfred Heßauf(Germany)Berlin	q(1)	7/24
10.3	Frank Budd(USA)Rome	(5)	9/1
10.3	Peter Gamber(Germany)Rottenburg	(1)	9/11
10.3	Marian Foik(Poland)Warsaw	(1)	10/8
10.3	Rafael Romero(Venezuela)Santiago	(1)	10/13
10.3	Vladislav Vinogradov(USSR)Kiev	h(1)	10/15
10.3	Chen Chia-chuan(China)Canton	(1)	11/16

with wind:

10.1	Dave Styron(USA)Baton Rouge	(1)	5/7
10.2	Bob Manning(USA)Dakar	(1)	3/29
10.2	Vadim Arkhipchuk(USSR)Sevastopol	(1)	4/4
10.2	Ray Norton(USA)Walnut, Cal.	(1)	4/23
10.2	Frantisek Mikluscek(CSR)Kosice	(1)	5/22
10.2	George Short(Canada)Saskatoon	s(1)	7/15
10.2	László Kiss(Hungary)Tatabánya	(1)	7/23
10.3	Anatoliy Ryedko(USSR)Sevastopol	(2)	4/4
10.3	Rod Richard(USA)Walnut, Cal.	(1)	4/23
10.3	Bob Brooks(USA)Walnut, Cal.	(2)	4/23
10.3	Bob Poynter(USA)Walnut, Cal.	(2)	4/23
10.3	Hubie Watson(USA)Los Angeles	(1)	4/29
10.3	Roger Beumer(USA)Baton Rouge	(2)	5/7
10.3	Willie White(USA)Compton	h(1)	6/3
10.3	Bob Fisher-Smith(Canada)Saskat.	s(2)	7/15
10.3	Lynn Eves(Canada)Saskatoon	s(3)	7/15
10.3	Istvan Geiszer(Hungary)Tatabánya	(2)	7/23

200 METER DASH

(full turn)

*220y less C.I.; *215y plus C.I

20.3*	Charles Tidwell(USA)Abilene	(1)	4/16
20.5*	Ray Norton(USA)Berkeley	(1)	3/19
20.5	Stone Johnson(USA)Palo Alto	h(1)	7/2
20.5	Livio Berruti(Italy)Rome	s(1)	9/3
20.6*	Adolph Plummer(USA)Abilene	(2)	4/16
20.6*	Seraphino Antao(Venya)Nairobi	h(1)	7/1
20.6	Bob Carney(USA)Rome	(2)	9/3
20.7	Milkh Singh(India)Lahore	(1)	1/31

20.7	Abdoulaye Seye(France)Zurich	(1)	6/21
20.7	Tad Woods(USA)Walnut, Cal.	(1)	8/12
20.7	Marian Foik(Poland)Warsaw	(1)	9/18
20.8	Edward Jeffreys(So. Afr)Benoni	(1)	2/20
20.8*	Tom Robinson(Bahamas)Abilene	(1)	3/26
20.8*	Earl Young(USA)Abilene	(2)	3/26
20.8	Dave Sims(USA)Philadelphia	(2)	4/30
20.8	Bob Poynter(USA)Sunnyvale, Cal.	(2)	5/6
20.8	Paul Winder(USA)Berkeley	s(1)	6/17
20.8	Bobby Morrow(USA)Palo Alto	h(3)	7/2
20.8	Rafael Romero(Venezuela)Santiago	(1)	10/16
20.9*	Keith Thomsen(USA)Berkeley	(2)	3/19
20.9*	Ralph Alspaugh(USA)Abilene	(3)	3/26
20.9*	George Peterson(USA)Abilene	(3)	4/16
20.9*	Peter Radford(Gt.Br)Oxford	(1)	4/28
20.9	Ed Collymore(USA)Bakersfield	h(1)	6/25
20.9	Harry Jerome(Canada)Vancouver	(1)	6/30
20.9	Jocelyn Delecour(France)Paris	(1)	5/29
20.9	Armin Hary(Germany)Frankfurt/W.	(1)	6/29
20.9	Yuriy Kononov(USSR)Moscow	(1)	8/13
20.9	Carl Fredrik Bunes(Norway)Karlstad	(1)	8/16
21.0	Willie Williams(USA)San Jose	(3)	3/5
21.0	Jimmy Weaver(USA)San Angelo, Tex.	(1)	3/19
21.0*	Jim Bates(USA)Berkeley	(1)	4/2
21.0	John Zetzman(USA)Sunnyvale, Cal.	(3)	5/6
21.0	Dave Styron(USA)Compton	(2)	6/3
21.0	Manfred Germar(Germany)Malmö	(1)	6/7
21.0	Carl Kaufmann(Germany)St. Georgen	(1)	6/17
21.0	Vilem Mandlik(CSR)Prague	(1)	6/19
21.0	Faul Genevay(France)Tournon	(1)	6/19
21.0	Bill Woodhouse(USA)Bakersfield	s(1)	6/25
21.0	Fred Schaeffer(USA)St. Louis Falls	h(1)	6/3
21.0	Csaba Csutoras(Hungary)Budapest	(1)	6/25
21.0	Marcel Wendelin(Germany)Kassel	(1)	7/2
21.0	Dee Givens(USA)Palo Alto	h(3)	7/2
21.0*	David Segal(Gt.Br)London	s(1)	7/15
21.0	David Jones(Gt.Br)London	(1)	8/13
21.0	Dennis Johnson(W. Indies)Rome	s(5)	9/3
21.0	Glenn Davis(USA)Malmö	(1)	9/20
21.0	Andrzej Karcz(Poland)Budapest	(1)	10/2

with wind:

20.4*	Peter Radford(Gt.Br)Wolverhampton	(1)	5/28
20.6	Marian Foik(Poland)Lodz	(1)	7/31
20.7*	Bruce Land(USA)Abilene	(1)	4/30
20.7	Vadim Arkhipchuk(USSR)Beylatsy Teer	(1)	7/31
21.0	Frantisek Mikluscek(CSR)Kosice	(1)	5/22

half turn:

20.4	Abdoulaye Seye(France)Cologne	(1)	9/16
20.5	Armin Hary(Germany)Mannheim	(1)	6/1
20.8	Jocelyn Delecour(France)Cologne	(1)	6/15
20.8*	Peter Radford(Gt.Br)Nottingham	(1)	4/30
20.8	Marcel Wendelin(Germany)Erfurt	(2)	8/7
20.9	Carl Kaufmann(Germany)Mannheim	(1)	7/2
20.9	Manfred Germar(Germany)Erfurt	(3)	8/7
21.0	Edmund Burg(Germany)Mannheim	(2)	6/1
21.0	Sigismund Kostulski(Germany)Leipzig	(1)	7/18

with wind:

20.8*	Roger Gourlay(So. Afr)Bloemfontein	(1)	4/18
20.9*	John Luxon(So. Afr)Bloemfontein	(2)	4/18

220 YARD DASH

straightaway

*200 meter time plus C.I

20.1	Ray Norton(USA)San Jose	(1)	4/2
20.2	Edward Jeffreys(So. Afr)Pretoria	(1)	3/30
20.3	Ron Harrison(USA)Tallahassee	(1)	5/7
20.4	Bob Poynter(USA)San Jose	(2)	4/2
20.4	Bobby Sher(USA)Tallahassee	(2)	5/7
20.4	Dave Styron(USA)Natchitoches, La.	(1)	5/12
20.5	Willie Williams(USA)San Jose	(3)	4/2
20.5	Doug Smith(USA)Los Angeles	(1)	5/6
20.5	John Moon(USA)Ft. Campbell, Ky.	(1)	5/21
20.5	Jim Omagbemi(Nigeria)Palo Alto	(1)	6/11
20.5	Willie White(USA)Palo Alto	(2)	6/11
20.6	Vic Hall(USA)San Luis Obispo	(1)	4/2
20.6	Ray Wesley(USA)Houston	(1)	4/9
20.6	Tony Sepp(USA)Charlottesville, Va.	(1)	4/13
20.6	Billy Hollis(USA)Fort Worth	(1)	5/14
20.6	Taylor Jones(USA)Fort Worth	(1)	5/14
20.6	Jerry McCullough(USA)Ft. Campbell, Ky	(2)	5/21
20.6	Henry Carr(USA)Detroit	(1)	6/4
20.7	John Lacey(USA)Huntington Beach	(1)	3/15
20.7*	Jim Dooley(USA)Coral Gables, Fla.	(1)	5/14
20.7	Ed Buchanan(USA)Modesto	(1)	5/28
20.7	Hubie Watson(USA)Los Angeles	(1)	5/28
20.8	Kelton Reese(USA)Huntington Beach	(2)	3/19
20.8	Fred McCoy(USA)	(1)	4/9

10--January, 1961

2C.8 Dave Bain(USA)	(1)	4/29
2C.8 David Segal(Gt.Br)Coral Gables	(1)	5/7
2C.8 Faul Drayton(USA)Philadelphia	(1)	5/7
2C.8 Dennis Richardson(USA)Big Spring	(1)	5/14
2C.8 Bob Brown(USA)Univ.Park,Pa.	(1)	5/21
2C.8 John Fernandez(USA)New York	(1)	5/21
2C.8 Vance Robinson(USA)Raleigh	(2)	5/21
2C.8 Buron Smith(USA)Modesto	(2)	5/28
2C.8 Mike Larrabee(USA)Modesto	(2)	5/28
2C.8 Bill Woodhouse(USA)Modesto	(3)	5/28
2C.8 Dave Mills(USA)Berea, C.	(1)	6/4
2C.8 Frank Budd(USA)Harrisburg, Pa.	(1)	6/11
2C.8 Bill Cowings(USA)Coalinga, Cal.	(1)	6/11
2C.9 Cilan Castell(USA)Houston	(1)	2/27
2C.9 Fat Garrett(USA)Coral Gables, Fla.	(1)	3/23
2C.9 Roger Beumer(USA)Baton Rouge	(2)	4/2
2C.9 Ralph Farian(USA)Baton Rouge	(2)	4/2
2C.9 Bruce Reed(USA)Wichita, Kan.	(1)	4/13
2C.9 John Gram(USA)Greenville, Tex.	(1)	3/14
2C.9 Don Voorhies(USA)Kalamazoo	(1)	5/20
2C.9 Les Carney(USA)Berea, C.	(2)	6/4
2C.9 Don Webster(USA)Harrisburg, Pa.	(2)	6/11

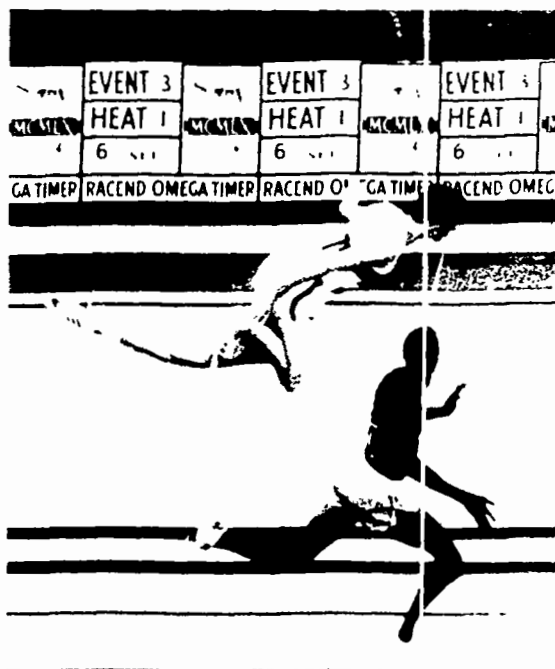
with wind:

2C.3* Dave Styron(USA)Baton Rouge	(1)	5/7
2C.4 Ralph Alsbaugh(USA)Houston	(1)	3/12
2C.4 Billy Hollis(USA)Waco	(1)	5/5
2C.4 Gene Givens(USA)Cambridge	(1)	5/21
2C.5 Bill Hill(USA)Dallas	(1)	4/23
2C.5 Ted Nelson(USA)Odessa, Tex.	(1)	4/23
2C.6 Dennis Johnson(U.S. Indies)Long Beach	(1)	4/1
2C.6 George Ekstrom(USA)Ithaca, N.Y.	(1)	5/7
2C.6* Roger Beumer(USA)Baton Rouge	(2)	5/7
2C.6* Bob Fanning(USA)Baton Rouge	(1)	5/7
2C.6 Bill Kemp(USA)Fort Worth	(1)	5/14
2C.6 Bob Brown(USA)Villanova, Pa.	(1)	5/28
2C.7 Dave Bain(USA)Coral Gables, Fla.	(1)	3/30
2C.7 Mike Larrabee(USA)Long Beach, Cal.	(1)	4/30
2C.7 John Fernandez(USA)Villanova, Pa.	(2)	5/28
2C.8 Jerry Miller(USA)Denton, Tex.	(1)	4/23
2C.8 R.L. Laster(USA)Garland, Tex.	(1)	3/14
2C.8 Ken Wolf(USA)Sonoma, Cal.	(1)	5/14
2C.9 Jimmy Watson(USA)	(1)	
2C.9 Curt Newbury(USA)	(1)	
2C.9 Henk Visser(Netherlands)San Diego	(1)	4/9
2C.9 Don Whittaker(USA)Coll.Park, Md.	(1)	5/7
2C.9 Steve Robbins(USA)Los Angeles	(1)	5/13
2C.9 Dennis Duncan(USA)Garland, Tex.	(2)	5/14
2C.9 John Sals(USA)Sonoma, Cal.	(2)	5/14
2C.9 Don Adams(USA)Fort Worth	(2)	5/14
2C.9 Nate Adams(USA)Cleveland	(1)	5/17
2C.9 Larry McCue(USA)Big Spring, Tex.	(1)	5/21

400 METER DASH

(*44Cy time less C.3)

44.9 Otis Davis(USA)Rome	(1)	9/6
44.9 Carl Kaufmann(Germany)Rome	(2)	9/6
45.5 Glenn Davis(USA)Walnut, Cal.	(1)	8/12
45.5 Malcolm Spence(So.Afr)Rome	(3)	9/6
45.6 Milkha Singh(India)Rome	(4)	9/6
45.7 Ted Woods(USA)Berkeley	(1)	6/18
45.7 Earl Young(USA)Walnut, Cal.	(2)	8/12
45.8* Gordon Day(So.Afr)Bloemfontein	(2)	4/18
45.8* George Kerr(U.S. Indies)East Lansing	(1)	5/21



OTIS DAVIS of the United States wins a hairline decision over Germany's CARL KAUFMANN in the Olympic 400 meters in the world record time of 44.9. This photo was taken by the Racend-Omega timer.

45.8 Manfred Kinder(Germany)Berlin	(1)	1/24
45.9* Cilan Castell(USA)Abilene	(1)	3/26
45.9 Abdoulaye Seye(France)London	(1)	8/1
46.0* Mike Larrabee(USA)Modesto	(3)	5/28
46.0* Vic Hall(USA)Modesto	(4)	5/28
46.0 Jack Yerman(USA)Palo Alto	(1)	7/2
46.1* Nick Ellis(USA)Baltimore	(1)	6/11
46.1 Jerzy Kowalski(Poland)Lodz	(1)	7/31
46.1 Robbie Brightwell(Gt.Br)Rome	(4)	9/5
46.2* Bill Knoke(USA)Modesto	(5)	5/28
46.2 Dave Mills(USA)Bakersfield	(2)	6/25
46.2 Dick Edmunds(USA)Palo Alto	(2)	7/2
46.3* Keith Thomassen(USA)Berkeley	(1)	3/19
46.3 Dave Styron(USA)Albuquerque	(1)	6/18
46.3 Walt Johnson(USA)Berkeley	(3)	6/18
46.3 Deloss Dodds(USA)Bakersfield	(1)	6/24
46.3 Willie Williams(USA)Bakersfield	(3)	6/25
46.3 Eavan Gosper(Australia)Oslo	(2)	9/10
46.4 Mel Spence(West Indies)Tempe	(1)	4/8
46.4 Don Webster(USA)Norristown, Pa.	(1)	6/4
46.4 Johannes Kaiser(Germany)Berlin	(3)	7/24
46.5 William Miller(USA)Houston	(1)	6/10
46.5* Rex Cawley(USA)Dearborn, Mich.	(1)	6/14
46.5 Dave Myers(USA)Berkeley	(4)	6/18
46.5 Dave Roberson(USA)Walnut, Cal.	(5)	8/12
46.5 Joachim Reske(Germany)Berlin	(4)	7/24
46.5 John Wrighton(Gt.Br)London	(3)	8/1
46.6* Mickey Hollingshead(USA)Ft. Worth	(1)	5/14
46.6* John Bork(USA)Athens, C.	(1)	5/21
46.6* Willie Atterberry(USA)E.Lansing	(2)	5/21
46.6 Adolph Plummer(USA)Houston	(3)	6/10

46.6 Malcolm Yardley(Gt.Br)London	(1)	8/13
46.6 Clift Bertrand(West Indies)London	(2)	8/13
46.6 Abdul Aru(Nigeria)Rome	(3)	9/5
46.7 Eddie Scouthern(USA)Lafayette, La.	(1)	4/9
46.7 Don Ramos(USA)Sunnyvale, Cal.	(2)	5/6
46.7* Jim Stack(USA)Cambridge	(1)	5/14
46.7* Roy Smalley(USA)Fort Worth	(2)	5/14
46.7* John Telford(USA)Dearborn, Mich.	(2)	6/14
46.7 Angelo Coia(USA)Bakersfield	(1)	6/24
46.8* John Zetman(USA)Modesto	(7)	5/28
46.8* Steve Hess(USA)Albuquerque	(2)	6/18
46.8 Csaba Csutoras(Hungary)Budapest	(1)	6/25
46.8 Terry Tobacco(Canada)Saskatoon	(1)	7/15
46.8 Josef Trousil(CSR)Erfurt	(1)	8/6
46.8 Keith Gardner(West Indies)Berlin	(3)	9/24

800 METER RUN

(*88Cy time less C.7)

1:46.3 Peter Snell(New Zealand)Rome	(1)	9/2
1:46.4 George Kerr(West Indies)Berkeley	(1)	6/18
1:46.5 Paul Schmidt(Germany)Cologne	(1)	6/15
1:46.5 Roger Moens(Belgium)Rome	(2)	9/2
1:46.6 Ernie Cunliffe(USA)Fresno	(1)	4/2
1:46.7 Tom Murphy(USA)Palo Alto	(1)	7/2
1:46.8 Jerry Siebert(USA)Palo Alto	(2)	7/2
1:46.8 Siegfried Valentin(Germ.)Potsdam	(1)	7/30
1:46.9 Manfred Matuschewski(Ger.)Erfurt	(2)	8/7
1:47.1* Anthony Blue(Australia)Brisbane	(2)	3/26
1:47.1 Jörg Balke(Germany)Erfurt	(3)	8/7
1:47.3 Christian Wägli(Switz.)Cologne	(2)	6/15
1:47.4 Karl-Heinz Kruse(Germ.)Erfurt	(4)	8/7
1:47.5 Jim Dupree(USA)Palo Alto	(4)	7/2
1:47.5* Ron Delany(Ire)Dublin	(2)	9/22
1:47.7 Rolf Meinelt(Germany)Potsdam	(2)	7/30
1:47.7* Herb Elliott(Australia)Dublin	(4)	9/22
1:47.8 Lew Kerriman(USA)Palo Alto	(2)	7/1
1:47.8 Jim Stack(USA)Palo Alto	(4)	7/1
1:47.9 Michel Jazy(France)Cologne	(3)	6/15
1:47.9 Art Evans(USA)Palo Alto	(5)	7/1
1:48.0 Thomas Farrell(Gt.Br)Billingham	(2)	7/2
1:48.1 Abram Krivosheev(USSR)Rome	(5)	9/1
1:48.2 Herbert Missella(Germany)Cologne	(4)	6/15
1:48.4 Jim Cerveny(USA)Bakersfield	(1)	6/25
1:48.4 Rudolf Klaban(Austria)Zurich	(1)	7/23
1:48.4 Istvan Korda(Hungary)Tata	(1)	8/6
1:48.4 Donal Smith(New Zealand)Rome	(4)	8/31
1:48.5 Zbigniew Krywal(Poland)Cologne	(5)	6/15
1:48.5 Dan Waern(Sweden)Hälsjöholm	(2)	8/2
1:48.6* Brian Hewson(Gt.Br)Dublin	(1)	5/24
1:48.6 Joe Mullins(Canada)Berkeley	(5)	6/18
1:48.6 Peter Parsch(Hungary)Budapest	(1)	6/26
1:48.7 Siegmund Chleiman(Canada)Berkeley	(2)	6/17
1:48.7 Lee Martin(USA)Berkeley	(6)	6/18
1:48.7 Peter Kilford(Gt.Br)Wolwyn	(1)	6/18
1:48.7 Valeriy Bulishev(USSR)Tula	(1)	6/25
1:48.7 Lajos Kovacs(Hungary)Tata	(2)	8/6
1:48.8 Bob Tague(USA)Houston	(2)	6/10
1:48.8 Sidney Furkis(Gt.Br)Wolwyn	(2)	6/18
1:48.8 Vasilii Savinkov(USSR)Moscow	(1)	7/3
1:48.8 Jozef Lambrechts(Belgium)Liege	(3)	7/17
1:48.8 Jim Grelle(USA)Walnut, Cal.	(4)	8/12
1:48.8 Istvan Rozsavögyi(Hungary)Budap.	(1)	10/9
1:48.9* Bill Stone(USA)Modesto	(1)	5/28
1:48.9 Rainer Petraschek(Germany)Halle	(2)	6/26
1:48.9 Peter Adam(Germany)Erfurt	(6)	8/7
1:48.9 Gerard Vervoort(France)Milan	(2)	10/8
1:49.0* Jack Wilcox(USA)Modesto	(3)	5/28

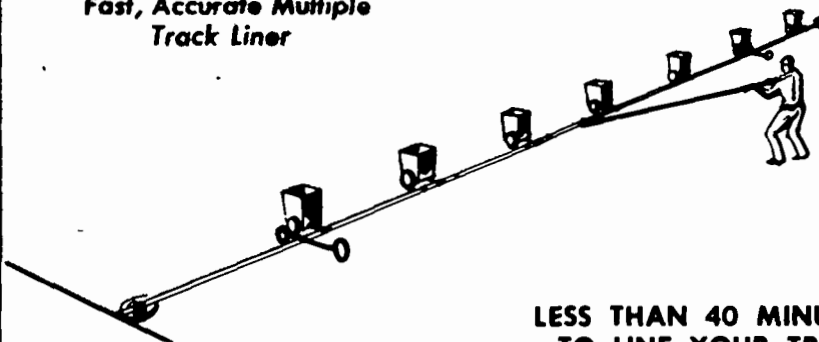
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1:49.C	Tom Carroll(USA)Houston	(3)	6/10
1:49.C	Luis Rodriguez(USA)Berkeley	(7)	6/18
1:49.0	Zbigniew Makowski(Poland)Moscow	(2)	7/3
1:49.C	John Wenk(Gt.Br)London	(2)	8/1

1500 METER RUN

(*during 1 mile race)

3:35.6	Herb Elliott(Australia)Rome	(1)	9/6
3:38.4	Michel Jazy(France)Rome	(2)	9/6
3:38.6	Dan Waern(Sweden)Göteborg	(2)	9/18
3:38.7	Siegfried Valentin(Germ.)Potsdam	(1)	8/27
3:38.8	Istvan Rozsavölgyi(Hungary)Budapest	(1)	7/30
3:40.5	Zoltan Vancs(Rumania)Prague	(1)	6/18
3:40.9	Dyrol Burleson(USA)Rome	(7)	9/6
3:41.3	Siegfried Herrmann(Germ.)Rostock	(2)	7/10
3:41.4	Roger Koens(Belgium)Antwerp	(1)	6/19
3:41.5	Lajos Kovacs(Hungary)Budapest	(2)	7/30
3:41.5	Michel Bernard(France)Rome	(7)	9/6
3:41.6	Hans Grodotzki(Germany)Rostock	(3)	7/10
3:41.7*	Jim Beatty(USA)Modesto	(1)	5/28
3:41.7	Karl-Heinz Kruse(Germ.)Potsdam	(2)	8/27
3:41.8	Peter Parsch(Hungary)Budapest	(3)	6/25
3:42.7	Yevgeniy Komotkov(USSR)Prague	(3)	6/18
3:42.7	Jim Grelle(USA)Bakersfield	(1)	6/25
3:42.7	Peter Closs(USA)Walnut, Cal.	(2)	8/12
3:42.8	Terence Sullivan(Rhodesia)Rome	(4)	9/3
3:42.9	Michael Wigge(Gt.Br)London	(2)	7/30
3:42.9	Brian Kent-Smith(Gt.Br)London	(1)	8/13
3:43.2*	Albert Thomas(Australia)Sydney	(1)	1/6
3:43.4	Clavi Vuorisalo(Finland)Turku	(1)	8/7
3:43.5	Laszlo Tabori(D.P.Hungary)Bakers	(2)	6/25
3:43.5	Zbigniew Krywal(Poland)Rostock	(5)	7/10
3:43.7	Ed Moran(USA)Bakersfield	(3)	6/25
3:43.8	Lajos Szentgali(Hungary)Budapest	(3)	5/28
3:43.8	Andrei Barabas(Rumania)Bucharest	(3)	6/4
3:44.C	Attila Simon(Hungary)Bucharest	(4)	6/4
3:44.1	Gordon Pirie(Gt.Br)London	(1)	6/4
3:44.1	Stanislav Jungwirth(CSR)Prague	(4)	6/18
3:44.2	Hermann Buhl(Germany)Turku	(2)	6/14
3:44.2	Rudolf Kleban(Austria)Vienna	(1)	6/18
3:44.2	Stanley Taylor(Gt.Br)London	(4)	7/30
3:44.2	Kenneth Wood(Gt.Br)London	(2)	8/13
3:44.3	Gary Weisiger(USA)Bakersfield	(4)	6/25

3:44.3	Stefan Lewandowski(Poland)Tula	(2)	6/26
3:44.4	Klaus Ostach(Germany)Munich	(1)	6/24
3:44.4	Josef Cegledi(Austria)Munich	(2)	6/24
3:44.4	Arne Hamaraland(Norway)Rome	(3)	9/3
3:44.5	Edmund Brenner(Germany)Cologne	(1)	6/15
3:44.5	Alfredo Rizzo(Italy)Milan	(1)	7/2
3:44.5	Dieter König(Germany)Leipzig	(4)	7/24
3:44.6	Archie San Romani(USA)Houston	(1)	6/10
3:44.6	Adolf Schwarte(Germany)Cologne	(2)	6/15
3:44.6	Arthur Hannemann(Germany)Leipzig	(5)	7/24
3:44.7*	Bob Seaman(USA)Compton	(3)	6/3
3:44.7	Clavi Salonen(Finland)Turku	(3)	6/14
3:44.8	Bill Dotson(USA)Houston	(2)	6/10
3:44.8	Zdzislaw Krzyzowski(Poland)	(2)	8/20

ONE MILE RUN

3:57.0	Herb Elliott(Australia)Dublin	(1)	9/23
3:58.0	Jim Beatty(USA)Modesto	(1)	5/28
3:58.6	Dyrol Burleson(USA)Eugene	(1)	4/23
3:58.8	Albert Thomas(Australia)Sydney	(1)	1/6
3:59.C	Dan Waern(Sweden)Malmö	(2)	9/20
3:59.8	Terence Sullivan(Rhodesia)Dublin	(2)	9/23
3:59.9	Gordon Pirie(Gt.Br)Dublin	(3)	9/23
4:00.0	Laszlo Tabori(D.P.Hungary)Modest	(3)	5/28
4:00.1	Jim Grelle(USA)Compton	(2)	6/1
4:00.2	David Power(Australia)Sydney	(2)	1/6
4:00.4	Ernie Cunliffe(USA)Eugene	(2)	4/23
4:00.7	Brian Kent-Smith(Gt.Br)London	(1)	6/25
4:01.2	Michael Wigge(Gt.Br)London	(2)	6/25
4:01.3	Michel Jazy(France)London	(3)	7/16
4:01.4	Bob Seaman(USA)Compton	(3)	6/3
4:01.5	Peter Snell(New Zealand)Dublin	(5)	9/23
4:01.6	Michel Bernard(France)London	(2)	9/28
4:01.8	Laurence Reed(Gt.Br)London	(3)	6/25
4:02.2	Kenneth Wood(Gt.Br)Glasgow	(2)	8/6
4:02.3	Stanley Taylor(Gt.Br)London	(4)	7/16
4:02.3	Frank Salvat(Gt.Br)London	(2)	8/13
4:02.7	Bill Dellinger(USA)Modesto	(4)	5/28
4:02.8	Richard Jones(Gt.Br)London	(4)	6/25
4:02.8	Graham Everett(Gt.Br)London	(5)	7/16
4:02.8	Derek Heath(Gt.Br)London	(6)	7/16
4:03.0	Murray Halberg(N.Zealand)Melbou.	(1)	3/12
4:03.2	Michael Beriaford(Bt.Br)London	(3)	8/13
4:03.4	William Goddard(Gt.Br)London	(7)	7/16

4:03.5	Mervyn Lincoln(Australia)Hobart	(1)	1/2
4:03.6	Hans Grodotzki(Germany)Berlin	(1)	5/15
4:03.9	Bob Holland(USA)Compton	(4)	6/3
4:04.0	Anthony Blue(Australia)Malmö	(4)	9/20
4:04.3	Hermann Buhl(Germany)Berlin	(3)	5/15
4:04.3	Brian Turner(Gt.Br)London	(5)	6/25
4:04.5	Denis Wilson(Australia)Sydney	(3)	1/6
4:04.6	Ed Moran(USA)Quintico	(1)	4/16
4:04.6	Peter Milner(Gt.Br)London	(6)	6/25
4:04.6	Nathaniel Fisher(Gt.Br)London	(7)	6/25
4:04.7	Bill Baillie(New Zealand)Melbour	(2)	3/12
4:04.7	Peter Clark(Gt.Br)London	(4)	8/13
4:04.8	Arne Hamaraland(Norway)Stockholm	(2)	9/16
4:05.2	Olavi Salonen(Finland)Helsinki	(1)	8/18
4:05.3	Derek Ibbotson(Gt.Br)Glasgow	(1)	8/6
4:05.4	Alan Simpson(Gt.Br)London	(5)	7/15
4:05.7	Jörg Balke(Germany)Berlin	(3)	5/15
4:05.8	Klaus Lehmann(Germany)Berlin	(4)	5/15
4:05.8	Olavi Vuorisalo(Finland)Helsinki	(2)	8/18
4:06.1	Edward Gaiger(Gt.Br)London	(7)	7/15
4:06.2	Rayfel Roseman(Gt.Br)London	(8)	6/25
4:06.2	Anthony Milner(Gt.Br)London	(3)	7/27
4:06.2	George Young(USA)Stockholm	(3)	9/16

3000 METER RUN

(*during 2 mile race)

7:54.2	Hans Grodotzki(Germany)Potsdam	(1)	7/31
7:57.0	Michel Bernard(France)Oslo	(1)	9/10
7:57.2	Gordon Pirie(Gt.Br)London	(1)	6/6
7:57.4	Istvan Rozsavölgyi(Hungary)London	(2)	6/6
7:58.8	Zdzislaw Krzyzowski(Poland)London	(3)	6/6
7:59.8	Miroslav Jurek(CSR)London	(4)	6/6
8:00.4	Frank Salvat(Gt.Br)London	(5)	6/6
8:00.6	Kazimierz Zimny(Poland)Bydgoszcz	(1)	5/8
8:00.8	Robert Bogey(France)Zurich	(2)	6/21
8:01.4*	Albert Thomas(Australia)Sydney	(1)	1/19
8:01.4	Reijo Häykinpuro(Finland)Karhula	(1)	8/2
8:01.8	Hermann Buhl(Germany)Dresden	(1)	9/25
8:03.4	Siegfried Herrmann(Germ.)Dresden	(2)	9/25
8:03.6	Max Truex(USA)Cologne	(1)	9/16
8:04.C	Simo Saloranta(Finland)Karhula	(2)	8/2
8:04.4	Derek Ibbotson(Gt.Br)Warsew	(3)	6/12
8:04.4	Bill Dellinger(USA)Turku	(1)	9/18

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12--January, 1961

8:04.6	Pyotr Bolotnikov (USSR) Warsaw	(4)	6/12
8:04.8	Aleksandr Artinyuk (USSR) Warsaw	(5)	6/12
8:06.2	Istvan Rozsedy (Hungary) Buda.	(1)	5/14
8:07.4	Michael Wiggs (Gt.Br) Amsfeld	(2)	5/15
8:07.4	Miklos Szabo (Hungary) Warsaw	(6)	6/12

TWO MILE RUN

8:35.4	Albert Thomas (Australia) Sydney	(1)	1/19
8:37.0	Michel Bernard (France) Rennes	(1)	6/1
8:40.5	Murray Halberg (N.Zealand) Auckland	(1)	3/19
8:42.2	Neville Scott (N.Zealand) Auckland	(1)	3/1
8:43.8	Bill Dellinger (USA) London	(2)	9/14
8:44.6	Max Truex (USA) London	(3)	9/14
8:45.0	Reijo Høykinpuro (Finland) Helsinki	(1)	8/18
8:45.6	Bruce Tulloh (Gt.Br) Edinburgh	(1)	8/20
8:45.6	László Tabori (DP-Hungary) Edinb.	(2)	8/20
8:46.4	Michel Jazy (France) Montreuil	(1)	5/22
8:47.0	Bill Baillie (N.Zealand) Auckland	(2)	3/1
8:47.6	John Merriman (Gt.Br)	(1)	6/2
8:48.6	Robert Bogey (France) Montreuil	(2)	5/22

THREE MILE RUN

(*during 5000m race)

13:11.4	Murray Halberg (N.Zealand) Auckland	(1)	2/13
13:17.2	Bruce Tulloh (Gt.Br) Southampton	(1)	7/2
13:28.0*	Jim Beatty (USA) Compton	(1)	6/3
13:28.0*	László Tabori (DP-Hungary) Comp.	(1)	6/3
13:28.2*	Frank Salvat (Gt.Br) London	(1)	8/1
13:28.4*	Gordon Pirie (Gt.Br) London	(2)	8/1
13:29.2*	Michel Bernard (France) Colombes	(1)	7/23
13:31.2	Douglas Kyle (Canada) Vancouver	(1)	6/12
13:31.6	John Merriman (Gt.Br) London	(2)	6/25
13:32.0*	Robert Bogey (France) London	(4)	8/1
13:32.4	Albert Thomas (Australia) Sydney	(1)	2/10
13:32.4	David Power (Australia) Auckland	(2)	12/17
13:34.6	Martin Hyman (Gt.Br) London	(3)	6/25
13:36.2*	Max Truex (USA) Sunnyvale, Cal.	(1)	5/6
13:36.8	Stanley Eldon (Gt.Br) London	(4)	6/25
13:36.8*	Brian Craig (Gt.Br) London	(3)	7/30
13:37.0	Bill Baillie (N.Zealand) Auckland	(3)	12/17
13:37.6	Peter Clerk (Gt.Br) London	(5)	6/25
13:38.6	Gerald North (Gt.Br) Manchester	(1)	5/21
13:38.6	Laurence Reed (Gt.Br) London	(3)	7/16
13:38.8	Bob Soth (USA) Long Beach, Cal.	(1)	8/5
13:39.0	Derek Ibbotson (Gt.Br) London	(4)	7/16
13:39.4	George Knight (Gt.Br) Leyton	(2)	5/4
13:39.4	Alan Perkins (Gt.Br) London	(6)	6/25
13:39.6	Alastair Wood (Gt.Br) Glasgow	(2)	8/6

5000 METER RUN

13:38.1	Pyotr Bolotnikov (USSR) Kiev	(1)	10/7
13:43.4	Murray Halberg (N.Zealand) Rome	(1)	9/2
13:44.6	Hans Grodotzki (Germany) Rome	(2)	9/2
13:44.8	Kazimierz Zimny (Poland) Rome	(3)	9/2
13:46.8	Friedrich Janke (Germany) Rome	(4)	9/2
13:51.6	Zdzislaw Krzyszkowski (Poland)	(1)	6/25
13:51.6	Gordon Pirie (Gt.Br) London	(1)	8/1
13:51.7	Jim Beatty (USA) Compton	(1)	6/3
13:51.8	David Power (Australia) Rome	(5)	9/2
13:52.6	László Tabori (DP-Hungary) London	(1)	7/30
13:52.6	Aleksey Desyatchikov (USSR) Moscow	(2)	8/13
13:52.8	Nyandika Maiyoro (Kenya) Rome	(6)	9/2
13:53.4	Miklos Szabo (Hungary) Rostock	(2)	7/10
13:53.4	Yevgeniy Zhukov (USSR) Moscow	(3)	8/13
13:53.6	Ludwig Müller (Germany) Warsaw	(3)	10/1
13:54.4	Bruce Tulloh (Gt.Br) London	(2)	7/30
13:54.8	Frank Salvat (Gt.Br) London	(2)	8/1
13:55.6	Michel Bernard (France) Colombes	(1)	7/23
13:55.8	Aleksandr Artinyuk (USSR) Tula	(2)	5/22
13:56.2	Boris Yefimov (USSR) Moscow	(4)	8/13
13:58.0	Gerhard Hönicke (Germany) Frankfurt	(1)	6/29
13:58.8	Miroslav Jurek (CSR) Prague	(1)	6/19
13:58.8	Robert Bogey (France) Colombes	(2)	7/23
13:59.4	Bela Szekeres (Hungary) Rostock	(5)	7/10
13:59.6	Aleksey Konov (USSR) Kiev	(2)	10/19
13:59.8	Sándor Iharos (Hungary) Rostock	(6)	7/10
14:01.6	Horst Floesbach (Germany) Tampere	(1)	6/19
14:01.6	Luigi Conti (Italy) Rome	(2)	8/31
14:02.2	Michael Wiggs (Gt.Br) London	(2)	6/15
14:02.4	Yuriy Zakharov (USSR) Moscow	(5)	8/13
14:02.6	Jaroslav Bohaty (CSR) Prague	(2)	6/19
14:02.6	Xaver Höger (Germany) Tampere	(2)	6/19
14:02.8	József Kovacs (Hungary) Budapest	(2)	6/25
14:03.0	John Merriman (Gt.Br) London	(3)	6/15
14:03.0	Eugene Allonsius (Belgium) Billin.	(2)	7/2
14:03.6	Max Truex (USA) Sunnyvale, Cal.	(1)	5/6
14:03.6	Andrei Barabse (Rumania) Prague	(4)	6/19
14:04.6	Brian Craig (Gt.Br) London	(3)	7/30
14:05.0	Cavaldo Suarez (Argentina) S.Seab.	(1)	10/1



MICHEL JAZY of France beats Great Britain's MIKE WIGGS in a 1500 meters in London last July. The winning time was 3:42.8. In the background is MICHEL BERNARD, also of France. (Photo by Ed Lacey)

14:06.2	Stanislaw Czog (Poland) Bydgoszcz	(1)	7/2
14:06.2	Albert Thomas (Australia) Rome	(3)	8/31
14:06.4	Reijo Høykinpuro (Finland) Helsinki	(1)	9/16
14:06.8	Valentin Samoilov (USSR) Kiev	(4)	10/19
14:07.0	Libertus Stamer (Germany) Frankfurt	(2)	6/29
14:07.6	Hamoud Ameur (France) Frankfurt	(3)	6/29
14:07.6	Marian Jochman (Poland) Bydgoszcz	(2)	7/2
14:08.4	Attila Simon (Hungary) Budapest	(2)	10/23
14:08.6	Bill Dellinger (USA) Rome	(4)	8/31
14:09.0	Simo Saloranta (Finland) Turku	(2)	7/22
14:09.2	Hubert Pärnaki (USSR) Moscow	(7)	7/18
14:09.2	Brian Hill-Cottingham (GB) London	(4)	7/30

SIX MILE RUN

(*during 10,000m race)

27:52.2*	Murray Halberg (N.Zealand) Auckland	(1)	3/28
27:52.8	David Power (Australia) Sydney	(1)	1/19
28:09.4*	Robert Bogey (France) London	(1)	7/30
28:09.4*	John Merriman (GB) London	(2)	7/30
28:09.6	Gordon Pirie (Gt.Br) London	(1)	7/15
28:10.2	Martin Hyman (Gt.Br) London	(2)	7/15
28:15.6	Robert Vagg (Australia) Sydney	(2)	1/19
28:18.0	Basil Heatley (Gt.Br) Birmingham	(1)	5/4
28:19.8	Stanley Eldon (Gt.Br) London	(4)	7/15
28:27.8*	Rhadi ben Abdesslem (Morocco)	(1)	8/10
28:27.8*	Hamoud Ameur (France) Fontainebl.	(2)	8/10
28:30.8	Alan Perkins (GB) London	(2)	6/6
28:32.4	Bruce Tulloh (Gt.Br) London	(3)	6/6
28:33.0*	Barry Magee (N.Zealand) Auckland	(2)	3/28
28:35.8*	Allan Lawrence (Australia) Houston	(1)	3/2
28:41.6	Alastair Wood (Gt.Br) London	(5)	7/15
28:46.2	Fred Norris (Gt.Br) London	(5)	6/6
28:54.8	Hugh Foord (Gt.Br)	(1)	8/16
28:56.0	Bob Soth (USA) Walnut, Cal.	(1)	8/12
28:58.8	Michael Price (Gt.Br) London	(7)	7/15

10,000 METER RUN

28:18.6	Pyotr Bolotnikov (USSR) Kiev	(1)	10/15
28:37.0	Hans Grodotzki (Germany) Rome	(2)	9/8
28:38.2	David Power (Australia) Rome	(3)	9/8
28:39.6	Aleksey Desyatchikov (USSR) Rome	(4)	9/8
28:48.0	Murray Halberg (NZ) Auckland	(1)	3/28
28:50.2	Max Truex (USA) Rome	(6)	9/8
28:52.4	Zdzislaw Krzyszkowski (Poland)	(7)	9/8
28:52.6	John Merriman (Gt.Br) Rome	(8)	9/8
28:58.0	Aleksandr Artinyuk (USSR) Moscow	(1)	7/3
29:01.6	Robert Bogey (France) London	(1)	7/30

29:03.4	József Kovacs (Hungary) Moscow	(3)	7/3
29:03.8	Yevgeniy Zhukov (USSR) Moscow	(4)	7/3
29:04.8	Martin Hyman (Gt.Br) Rome	(9)	9/8
29:08.6	Gerhard Hönicke (Germany)	(2)	7/17
29:12.0	Vladimir Ryabov (USSR) Kiev	(5)	10/15
29:13.4	Boris Yefimov (USSR) Moscow	(5)	7/3
29:14.6	Sándor Iharos (Hungary) Budapest	(1)	7/31
29:15.2	Gordon Pirie (Gt.Br) Rome	(10)	9/8
29:18.0	Yuriy Zakharov (USSR) Kiev	(6)	10/15
29:18.2	Paiz Khuzin (USSR) Kiev	(7)	10/15
29:19.0	Xaver Höger (Germany) Helsinki	(1)	6/17
29:19.4	Gaston Roelants (Belgium) Prague	(1)	9/20
29:20.0	Stanley Eldon (Gt.Br) London	(3)	7/30
29:20.8	Lembit Virkus (USSR) Tallinn	(1)	6/4
29:20.8	Rhadi ben Abdesslem (Morocco)	(1)	8/10
29:20.8	Hamoud Ameur (France) Fontainebl.	(2)	8/10
29:22.6	Hedwig Leensert (Belgium) Billin.	(1)	7/2
29:22.6	Vasily Vyetyayev (USSR) Kiev	(8)	10/15
29:27.6	Jānis Burvis (USSR) Uzhgorod	(6)	3/15
29:29.0	Stanislaw Ozog (Poland) Walcz	(1)	7/24
29:32.0	Hamide Addeche (France) Fontainebl.	(3)	8/10
29:32.2	Jerzy Chromik (Poland) Zabrze	(1)	4/22
29:32.2	Kazimierz Zimny (Poland) Zabrze	(2)	4/22
29:36.4	Allan Lawrence (Australia) Houston	(1)	3/2
29:36.6	Nikolay Rumyantsev (USSR) Kiev	(9)	10/15
29:37.0	Konstantin Vorobyev (USSR)	(1)	
29:40.0	Barry Magee (N.Zealand) Auckland	(1)	2/1
29:41.8	Hubert Pärnaki (USSR) Moscow	(8)	7/3
29:42.6	Constantin Grecescu (USSR) Moscow	(9)	7/3
29:43.2	Luigi Conti (Italy) Bologna	(1)	9/25
29:49.0	Basil Heatley (Gt.Br) Berlin	(3)	10/16
29:51.2	Boris Jönsson (Sweden) Helsinki	(3)	6/17
29:51.2	József Sötö (Hungary) Budapest	(1)	9/11
29:53.2	Nikolay Pudov (USSR) Tula	(5)	5/21
29:55.4	Miklos Szabo (Hungary) Stockholm	(2)	9/25
29:57.4	Cavaldo Suarez (Argentina) Prague	(3)	9/20
29:58.0	Paul Geneva (France) Chambéry	(1)	7/3
29:58.8	Jean Vaillant (France) Fontainebl.	(4)	8/10
29:59.0	Leonard Edelen (USA) Sunnyvale	(1)	5/6
29:59.0	Olyeg Dobrodeynko (USSR) Kiev	(10)	10/15
29:59.2	János Sovak (Hungary) Budapest	(2)	9/11

3000 METER STEEPLECHASE

8:31.3	Zdzislaw Krzyszkowski (PL) Tula	(1)	6/26
8:32.4	Nikolay Sokolov (USSR) Tula	(2)	6/26
8:34.0	Hermann Buhl (Germany) Moscow	(1)	7/3
8:35.2	Jerzy Chromik (Poland) Warsaw	(2)	10/2
8:36.6	Semyon Rzhishchin (USSR) Moscow	(2)	7/17
8:37.4	Aleksey Konov (USSR) Moscow	(3)	7/17
8:37.4	Vladimir Yevdokimov (USSR) Moscow	(4)	7/17
8:40.6	Attila Simon (Hungary) Budapest	(1)	6/26
8:42.4	Gennadiy Ryepin (USSR) Moscow	(5)	7/17
8:43.0	Phil Coleman (USA) Stockholm	(1)	9/16
8:43.4	Bohumir Zhenal (CSR) Prague	(1)	6/19
8:43.6	Lazar Naroditskiy (USSR) Odessa	(2)	9/18
8:44.0	Ludwig Müller (Germany) Warsaw	(3)	10/2
8:44.2	Gerhart Hecker (Hungary) Budapest	(1)	7/31
8:44.2	Gunnar Tjörnebo (Sweden) Stockholm	(2)	9/16
8:44.4	Lege Tedenby (Sweden) Stockholm	(3)	9/16
8:45.6	Fred Döring (Germany) Leipzig	(1)	7/23
8:45.8	Geo. Papavasiliou (Greece) Prague	(2)	6/19
8:45.8	Gaston Roelants (Belgium) Oslo	(1)	7/20
8:46.2	Aleksey Panykh (USSR)	(1)	
8:47.6	Pentti Karvonen (Finland) Kouvolan	(1)	7/11
8:47.6	Katvey Dmitriyev (USSR) Moscow	(3)	7/15
8:47.8	Sergey Ponomarev (USSR) Moscow	(4)	7/15
8:48.6	Tadeusz Strzelbicki (Rumania)	(3)	6/5
8:49.0	Hans Höncke (Germany) Hanover	(5)	8/6
8:49.0	Vlastimil Brlica (CSR) Budapest	(3)	8/14
8:49.0	Teuvo Virtanen (Finland) Turku	(1)	9/18
8:49.2	Grigoriy Teran (USSR) Moscow	(6)	7/3
8:49.2	Charles Jones (USA) Rome	(2)	9/1
8:49.4	Rainer Dörner (Germany) Rostock	(2)	7/10
8:50.4	Michael Palmer (Gt.Br) London	(2)	9/14
8:50.6	Viktor Pilyukov (USSR) Tula	(4)	5/21
8:50.6	David Chapman (Gt.Br) Prague	(5)	6/19
8:50.6	George Young (USA) Palo Alto	(1)	7/2
8:51.0	Eric Shirley (Gt.Br) London	(1)	7/16
8:51.8	Heinz Laufer (Germany) Berlin	(1)	7/24
8:52.2	Wilhelm Böhm (Germany) Berlin	(2)	7/24
8:52.2	Sándor Molnar (Hungary) Budapest	(3)	7/31
8:52.2	Franc Hafner (Yugoslavia) Athens	(2)	9/24
8:52.3	Tom Oakley (USA) Compton	(3)	6/3
8:52.6	Wladyslaw Sztwierna (Poland)	(4)	7/10
8:53.2	Maurice Herriot (Gt.Br) London	(1)	6/15
8:53.4	K. Cretas (USSR) Moscow	(3)	7/15
8:53.8	Vladimir Kharitonov (USSR) Moscow	(1)	6/29
8:53.8	Unto Mattsson (Finland) Helsinki	(1)	8/28
8:54.2	V. Guedchiy (USSR) Krasnodar	(2)	9/27
8:54.6	B. Bantlye (USSR) Moscow	(6)	7/15
8:55.0	Geoffrey Walker (Australia) Melb.	(1)	1/23
8:56.0	Kerry Williams (N.Zealand) Melb.	(1)	3/12
8:56.0	Viktor Kurchavov (USSR)	(1)	

110 METER HURDLES

(*120y time)

13.2	Lee Calhoun(USA)Bern	(1)	8/21
13.4	Willie May(USA)Walnut, Cal.	(2)	8/12
13.5	Hayes Jones(USA)Palo Alto	(3)	7/2
13.6	Anatoliy Mikhailov(USSR)Leningrad	(1)	3/19
13.6	Martin Lauer(Germany)Erfurt	(1)	8/7
13.7	Charles Cobb(USA)Quantico	(1)	6/17
13.8	Don Styron(USA)Houston	(2)	6/10
13.8	Ray Cunningham(USA)Houston	(3)	6/10
13.8	Chou Lien-li(China)Canton	(1)	11/13
13.8*	Dave Edstrom(USA)Eugene	(1)	4/30
13.9	Jim Ball(USA)Philadelphia	(3)	4/30
13.9	Stanko Lorgor(Yugoslavia)Celje	(1)	6/5
13.9	Jim Johnson(USA)Berkeley	(1)	6/17
13.9	Refer Johnson(USA)Bern	(3)	8/21
13.9	Keith Gardner(W. Indies)Frankfort	(2)	9/21
13.9*	Yang Chuan-kwang(Formosa)Walnut	(1)	3/18
13.9*	Dave Odgaard(USA)Des Moines	(1)	4/30
13.9*	Carl Brown(USA)Baltimore	(1)	5/14
13.9*	Walt Arlt(USA)Eugene	(1)	5/30
14.0	John Chittick(Australia)Melbourne	(1)	2/3
14.0	Bill Johnson(USA)Quantico	(2)	4/16
14.0	Elmer Gilbert(USA)Ft. Wayne, Ind.	(2)	6/10
14.0	Giorgio Mazza(Italy)Zurich	(2)	6/21
14.0	Nereo Svara(Italy)Siena	(1)	7/9
14.0	Valentin Chistyakov(USSR)Kiev	(2)	10/15
14.0*	Dickie Durham(USA)Baton Rouge	(2)	4/2
14.0*	Bernard Casey(USA)Oxford, C.	(1)	4/9
14.0*	Bill Wells(USA)Seattle	(1)	4/30
14.0*	Fran Washington(USA)Baltimore	(2)	5/14
14.0*	Norman Charlton(USA)Fort Worth	(2)	5/14
14.0*	Gaston Green(USA)Modesto	(1)	5/28
14.0*	Jerry Tarr(USA)Eugene	h(1)	5/30
14.0*	Ghulam Raziq(Pakistan)Glasgow	(1)	8/6
14.1	Ancel Robinson(USA)San Jose	(2)	4/2
14.1	Russell Rogers(USA)Quantico	(1)	4/16
14.1	Charles Pratt(USA)Philadelphia	(4)	4/30
14.1	Ralph Boston(USA)St. Louis, Mo.	(1)	6/4
14.1	Nikolay Berezhnevskiy(USSR)Kiev	(3)	10/15
14.1*	Calvin Cooley(USA)San Angelo, Tex.	(2)	3/19
14.1*	Blaine Lindgren(USA)	(1)	4/28
14.1*	Harry Lucky(USA)Las Cruces, NM	(1)	5/14
14.1*	Tommy Michaels(USA)Gainesville	(1)	5/21
14.2	Jakobus Malan(So. Afr.)Benoni	(1)	2/6
14.2	Jakobus van der Merwe(So. Afr.)	(2)	2/6
14.2	Dave Klicker(USA)San Jose	(3)	4/2
14.2	Clarence Treat(USA)Los Angeles	(1)	6/10
14.2	Paul Jones(USA)Fort Wayne, Ind.	(3)	6/10
14.2	Edmond Roudnitska(France)Zurich	(4)	6/21
14.2	Bert Steines(Germany)Mainz	(1)	7/14
14.2	Klaus Garbig(Germany)Mainz	(2)	7/14
14.2	Marcel Duriez(France)Bern	(5)	8/21
14.2	Aleksandr Kalyuta(USSR)	(1)	10/15
14.2	Vasiliy Anisimov(USSR)Uzhgorod	(1)	10/15
14.2	Nikolay Batrakh(USSR)Kiev	(1)	11/4
14.2	Mamiya Tugushi(USSR)Tbilisi	(1)	11/4
14.2*	Brian Polkinghorne(USA)Walnut	(1)	3/25
14.2*	Rex Cawley(USA)Walnut, Cal.	(2)	3/25
14.2*	Ben McRae(USA)Abilene	(1)	3/26
14.2*	Dick Howard(USA)Abilene	(1)	4/16
14.2*	Gary Fuller(USA)Cheney, Wash.	(1)	4/9
14.2*	Rex Stucker(USA)Ames, Iowa	(1)	5/21
14.2*	Leon Prase(USA)Harrisburg, Pa.	(1)	6/11
14.2*	Herman Johnson(USA)Clifton, N.J.	(1)	6/12

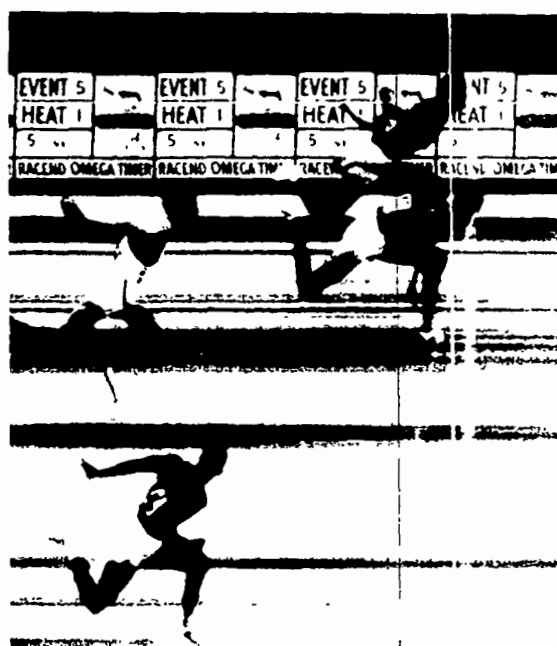
with wind:

13.9*	Dickie Durham(USA)Lafayette, La.	(2)	4/9
14.0*	Bobby Bernard(USA)Waco	(1)	5/5
14.0*	Blaine Lindgren(USA)	(1)	
14.0*	Ben McRae(USA)East Lansing	h(1)	5/20
14.1*	Jay Luck(USA)Cambridge	(1)	5/14
14.1*	Leon Prase(USA)Villanova, Pa.	(1)	5/28
14.2*	Curtis McClinton(USA)Austin	(4)	4/2
14.2*	Gary Patterson(USA)Long Beach, Cal.	(1)	4/30
14.2*	Randy McHenry(USA)Annapolis	(1)	4/23

220 YARD LOW HURDLES

(*200m time plus 0.1)

21.9	Don Styron(USA)Baton Rouge	(1)	4/2
22.2	Calvin Cooley(USA)Abilene	(1)	4/16
22.3	Dick Howard(USA)Abilene	(2)	4/16
22.4	Ralph Boston(USA)Ft. Campbell, Ky	(1)	5/28
22.5	Rex Stucker(USA)Ames, Iowa	(1)	5/21
22.6	Ray Cunningham(USA)Fort Worth	(1)	5/14
22.6	James Pettit(USA)Fort Worth	(2)	5/14
22.7	Hayes Jones(USA)	(1)	5/18
22.8	Darwin Ashbaugh(USA)Ames, Iowa	(2)	5/21
22.9*	Charles Cobb(USA)Bunnyvale, Cal.	(1)	5/6



LEE CALHOUN of the U.S. nips teammate WILLIE MAY in the 110-meter high hurdles at the Olympic Games. Both were timed in 13.8. HAYES JONES, also of the U.S., edges Germany's MARTIN LAUER for third. This photo is from the Racend-Omega timer used at the Games.

22.9	Climon Lee(USA)Chicago	(1)	6/2
22.9	Josh Culbreath(USA)Harrisburg, Pa.	(1)	6/11
23.0	Dan Lee(USA)Ames, Iowa	(3)	5/21
23.1	Jack Holman(USA)Tempe	(1)	4/8
23.1	Jay Luck(USA)West Point	(1)	4/23
23.1	James Brown(USA)Releigh	(1)	5/21
23.1	Paul Jones(USA)Dayton	(1)	6/4
23.2	Jim Waldron(USA)Berkeley	(1)	4/2
23.2	Henk Visser(Netherlands)San Diego	(1)	5/7
23.2	Gaston Green(USA)Walnut, Cal.	(1)	5/21
23.2	Robert Stines(USA)Chicago	(2)	6/2

with wind:

22.4	Jay Luck(USA)Coral Gables, Fla.	(1)	3/30
22.8	Jim Thomas(USA)Las Cruces, NM	(1)	5/14
22.9	Randy McHenry(USA)Coll. Park, Md.	(1)	5/7
23.0	James Carney(USA)Coral Gables, Fla.	(2)	3/30
23.1	Dee Andrews(USA)Long Beach, Cal.	(1)	4/30
23.1	Mike Kelly(USA)Fort Worth	(1)	5/14
23.1	Ernie Malzahn(USA)Athens, O.	(1)	5/21
23.1	Bernard Casey(USA)Athens, O.	(2)	5/21
23.2	Billy Wells(USA)Los Angeles	(1)	4/2
23.2	Bud Morgan(USA)College Station	(1)	4/23
23.2	Walt Mince(USA)Las Cruces, NM	(2)	5/14

around full turn:

22.6*	Glenn Davis(USA)Bern	(1)	8/20
22.9*	Dick Howard(USA)Bern	(2)	8/20
23.0*	Anatoliy Mikhailov(USSR)Malchik	(1)	5/7
23.2*	Eddie Southern(USA)Joensuu	(1)	9/11
23.3*	Valentine Chistyakov(USSR)Rostov	(1)	9/1
23.5*	Henk Visser(Netherlands)B. Barbara	(1)	4/30
23.5*	Yuriy Petrov(USSR)Moscow	(1)	6/1
23.5*	Martin Lauer(Germany)Berlin	(1)	7/22

half turn:

22.8	Gert Potgieter(So. Afr.)Bloemfontein	(1)	4/18
23.5	Daniel Burger(So. Afr.)Bloemfontein	(2)	4/18

400 METER HURDLES

(*440y time less 0.3)

49.0*	Gert Potgieter(So. Afr.)Bloemfontein	(1)	4/16
49.3	Glenn Davis(USA)Rome	(1)	9/2
49.6	Cliff Cushman(USA)Rome	(2)	9/2
49.7	Dick Howard(USA)Rome	(3)	9/2
49.8*	Don Styron(USA)Albuquerque	(3)	6/18
49.9	Eddie Southern(USA)Palo Alto	(4)	7/1
49.9	Helmut Janz(Germany)Rome	(4)	9/2
50.2	Josh Culbreath(USA)Palo Alto	(5)	7/1
50.6	Rex Cawley(USA)Palo Alto	(6)	7/1
50.8	Jussi Rintamäki(Finland)Rome	(5)	9/2
50.9	Salvatore Morale(Italy)Zurich	(1)	6/21

51.0	Thomas Farrell(Gt. Br)London	(1)	6/15
51.0	Bruno Gallkier(Switzerland)Rome	h(1)	8/31
51.2	Roy Thompson(USA)Bakersfield	h(3)	6/24
51.2	Boris Kryunov(USSR)Moscow	(1)	7/30
51.2	Bartonjo Rotich(Kenya)Rome	h(2)	8/31
51.3	Lawson Smart(USA)Quantico	(2)	4/15
51.3	Georgiy Chevalov(USSR)Moscow	(2)	7/30
51.4*	Christopher Goudge(Gt. Br)London	(1)	6/4
51.4	Igor Ilin(USSR)Moscow	h(1)	7/17
51.4	Willi Matthias(Germany)Berlin	(2)	7/24
51.4	Pavel Syedov(USSR)Kiev	(1)	10/18
51.5	Willie Atterberry(USA)Philadelphia	(1)	4/29
51.5	Dick Watson(USA)Houston	(1)	5/28
51.5	Ron Ablovich(USA)Bakersfield	h(2)	6/24
51.5	Wieslaw Krol(Poland)Warsaw	(1)	10/2
51.5	Moreno Martini(Italy)Schio	(1)	8/14
51.6	Arnold Matsulevich(USSR)Moscow	h(1)	6/12
51.6	Jan Gulbrandsen(Norway)Oslo	(1)	8/3
51.6	Fran Washington(USA)Palo Alto	(5)	7/1
51.7*	Peter Thorburn(So. Afr.)Bloemfont.	(2)	4/16
51.7	Walt Arlt(USA)Bakersfield	h(4)	6/24
51.7	Per Ove Trollsas(Sweden)Stockholm	(1)	9/24
51.7	Aleksey Klyenin(USSR)Kiev	(2)	10/18
51.8	Rex Wilson(USA)Austin	(1)	4/1
51.8	Wolfgang Fischer(Germany)Berlin	(3)	7/24
51.8	Elio Catola(Italy)Rome	h(4)	8/31
51.8	Vladimir Korenyevskiy(USSR)Minsk	(2)	8/27
51.9	Manfred Wagner(Germany)Cologne	(1)	6/15
51.9*	Max Boyes(Gt. Br)London	(1)	7/16
51.9*	John Metcalf(Gt. Br)Glasgow	(1)	8/6
52.0	Rex Stucker(USA)Merriam, Kans.	(2)	5/28
52.0	Edzislav Kumszcze(Poland)Oleszyn	(1)	8/5
52.0	Djani Kovac(Yugoslavia)Athens	(1)	9/23
52.1*	Dave Parker(USA)Provo	(1)	5/7
52.1	Yuriy Petrov(USSR)Moscow	h(3)	6/12
52.1*	Tom Bryan(Gt. Br)London	(1)	6/25
52.1	Edward Bugala(Poland)Oleszyn	(3)	8/6
52.1	Keiji Ogushi(Japan)Ludwigshafen	(2)	8/12
52.1	Anubas Ferraz da Silva(Brazil)	h(3)	8/31

HIGH JUMP

7'3"3/4	John Thomas(USA)Palo Alto	(1)	7/1
7'2"3/4	Valeriy Brumel(USSR)Uzhgorod	(1)	10/25
7'1"	Robert Shavlakadze(USSR)Rome	(1)	9/1
7'1"3/4	Viktor Bolshov(USSR)Moscow	(1)	6/12
7'1"1/4	Charles Dumas(USA)Tempe	(1)	4/8
7'	Joe Faust(USA)Palo Alto	(2)	7/1
6'11"7/8	Stig Pettersson(Sweden)	(1)	8/7
6'11"	Ed Oosta(USA)Provo	(1)	4/23
6'11"	Henry Wyborney(USA)Eugene	(1)	4/2
6'10"1/2	Bob Gardner(USA)Philadelphia	(1)	5/30
6'10"1/4	Norm Grundy(USA)Los Angeles	(1)	3/19
6'10"1/4	Idris Mahamat(France)Colombes	(1)	7/23
6'10"1/4	Kang Chn-pai(China)Peking	(1)	8/20
6'10"	Charles Porter(Australia)Perth	(1)	3/7
6'10"	Vance Barnes(USA)Palo Alto	(1)	3/19
6'10"	Herman Wyatt(USA)Palo Alto	(1)	6/11
6'10"	Errol Williams(USA)Palo Alto	(2)	6/11
6'10"	Charles Lewis(USA)Palo Alto	(5)	7/1
6'10"	Robert Kotei(Ghana)London	(1)	7/16
6'9"7/8	Vasiliy Khoroshilov(USSR)Len.	(1)	3/21
6'9"7/8	Jiri Lensky(CSR)Prague	(1)	6/1
6'9"7/8	Aleksandr Leonov(USSR)Moscow	(1)	6/27
6'9"7/8	Shih Hung-fan(China)Moscow	(2)	6/27
6'9"7/8	Eero Salminen(Finland)Tarkus	(1)	7/30
6'9"7/8	Leonid Glazkov(USSR)Rovno	(1)	10/26
6'9"1/2	Bob Barksdale(USA)Princess Ann	(1)	5/7
6'9"1/2	Kuniyoshi Sugioke(Japan)Tokyo	(1)	6/15
6'9"1/2	Kjell-Ake Nilsson(Sweden)Göte.	(1)	6/29
6'9"1/2	Theo Pöll(Germany)Gushaven	(1)	7/17
6'9"1/2	Maurice Fournier(France)Colom.	(2)	7/23
6'9"1/2	Werner Pfeil(Germany)Potsdam	(1)	7/30
6'9"1/8	Arkadiy Slobodskoy(USSR)Moscow	(1)	5/12
6'9"1/8	Igor Kukharev(USSR)Erfurt	(1)	6/5
6'9"1/8	Peter Riebensahn(Germany)Brem.	(1)	6/26
6'9"1/8	Janusz Skupny(Poland)Poznan	(1)	7/22
6'9"1/8	Valentin Bulkin(USSR)Charkov	(2)	7/28
6'9"1/8	Egon Nilsson(Sweden)Malmö	(1)	9/11
6'9"	Ralph Boston(USA)Ft. Campbell	(1)	5/28
6'9"	Colin Ridgway(Australia)Dublin	(2)	8/22
6'8"3/4	Gennadiy Yefimov(USSR)Saratov	(1)	1/29
6'8"3/4	Djordje Majtan(Yugoslavia)	(1)	5/1
6'8"3/4	Juriy Stepanov(USSR)Tula	(3)	5/22
6'8"3/4	Henrik Hellen(Finland)Mikkeli	(1)	6/12
6'8"3/4	Sándor Mosszaly(Hungary)Budapest	(1)	6/26
6'8"3/4	Vsevolod Popov(USSR)Odessa	(1)	7/3
6'8"3/4	Valeriy Filatov(USSR)Tula	(1)	7/4
6'8"3/4	Gordon Miller(Gt. Br)London	(2)	7/16
6'8"3/4	Cornel Forumb(Romania)Göteborg	(1)	8/1
6'8"3/4	Xi Chi-chin(China)Peking	(1)	9/5
6'8"3/4	Yuriy Chistyakov(USSR)Krasnodar	(1)	9/11
6'8"3/4	Göreg Lindström(Sweden)Malmö	(1)	9/25

POLE VAULT

15'9 1/4	Don Bragg (USA) Palo Alto	(1) 7/2
15'5 1/4	Ron Morris (USA) Palo Alto	(2) 7/2
15'4"	J.D. Martin (USA) Ames	(1) 5/21
15'3 1/2	Bob Gutowski (USA) Albuquerque	(1) 6/18
15'3 1/4	Jim Graham (USA) Fayetteville	(1) 4/16
15'3 1/4	Jānis Krasovskis (USSR) Moscow	(1) 7/17
15'3"	Dave Clark (USA) Palo Alto	(3) 7/2
15'3"	Henry Wadsworth (USA) Palo Alto	(4) 7/2
15'3"	Manfred Preussner (Germany)	(1) 8/10
15'2 1/4	Aubrey Dooley (USA) Stillwater	(1) 5/4
15'1 1/2	Khristo Khristov (Bulgaria)	(1) 8/1
15' 3/4	John Cramer (USA) Bakersfield	(2) 6/25
15' 3/4	Mel Schwarz (USA) Bakersfield	(3) 6/25
15' 1/4	John Fennel (USA) Chattanooga	(1) 3/19
15' 1/4	Jim Brewer (USA) Los Angeles	(1) 4/30
14'11 1/4	Gerhard Jeitner (Germany) Moscow	(5) 7/3
14'11 1/4	Eeles Landström (Finland) Rome	(3) 9/7
14'11 1/4	Rolando Cruz (Puerto Rico) Rome	(4) 9/7
14'10 1/4	Don Jelsy (USA) Tempe	(1) 3/19
14'10"	Igor Petrenko (USSR) Nalchik	(2) 5/2
14'9 1/2	Dexter Elkins (USA) Houston	(1) 5/28
14'9 1/2	Rudolf Tomasek (CSR) Prague	(2) 10/9
14'9 1/4	Vladimir Bulatov (USSR) Moscow	(2) 7/17
14'9 1/4	Andrzej Krzesinski (Poland)	(1) 8/15
14'9 1/4	Günther Malcher (Germany)	(1) 8/27
14'9 1/4	Matti Sutinen (Finland) Rome	(7) 9/7
14'9"	Dave Tork (USA) Quantico	(3) 6/4
14'9"	George Mattos (USA) Palo Alto	(1) 6/11
14'8 1/2	Dick Kimmell (USA) Bakersfield	(8T) 6/25
14'8 1/2	Jim Johnston (USA) Bakersfield	(8T) 6/25
14'8 1/2	Joe Harris (USA) Bakersfield	(10) 6/25
14'8 1/2	John Uelses (USA) Bakersfield	(11) 6/25
14'8"	Tim Helms (USA) Tempe	(1T) 3/12
14'8"	Bill Logan (USA) Tempe	(2T) 4/2
14'8"	John Rose (USA) Tempe	(2T) 4/2
14'8"	Mike Johnson (USA) Ft. Wayne, Ind.	(1) 6/11
14'8"	Klaus Lehnertz (Germany)	(2) 9/30
14'8"	Igor Garin (USSR)	()
14'7 3/4	Dick Glover (USA) Tempe	(1) 5/7
14'7 3/4	Don Meyers (USA)	() 4/7
14'7 1/2	Larry Neelay (USA) Tempe	(2T) 4/8
14'7 1/4	Björn Andersen (Denmark)	(1) 2/6
14'7 1/4	Peter Laufer (Germany) Halle	(2) 6/26

14'7 1/4	Per-Olof Jonasson (Finland)	(1) 6/8
14'7 1/4	Janusz Gronowski (Poland)	(1) 8/7
14'7 1/4	Dieter Möhring (Germany)	(1) 8/21
14'7 1/4	Anatoliy Semichev (USSR) Moscow	(1) 8/28
14'7 1/4	Dimitar Khebarov (Bulgaria)	(2) 9/25
14'7 1/4	Dragan Arapovic (Yugoslavia)	(1) 11/5
14'7"	Dick Gear (USA) Sunnyvale, Cal.	(1) 5/6
14'6 3/4	Igor Chuvilin (USSR) Tashkent	(1) 5/12

BROAD JUMP

26'11 1/4	Ralph Boston (USA) Walnut, Cal.	(1) 8/12
26'7 1/4	Irvn Roberson (USA) Rome	(2) 9/2
26'4 1/2	Igor Ter-Ovanesyan (USSR) Rome	(3) 9/2
26'3"	Mike Herman (USA) Eugene	(1) 7/8
26'3"	Manfred Steinbach (Germ.) Rome	(4) 9/2
26'2"	Hank Visser (Netherlands) S. Bar.	(1) 4/16
25'9 1/4	Anthony Watson (USA) Palo Alto	(2) 7/1
25'9"	Steve Anderson (USA) Eugene	(2) 7/8
25'8 3/4	Manfred Molzberger (Germany)	(1) 8/21
25'7 1/2	Kazimierz Kropidowski (Poland)	(1) 7/10
25'6 3/4	Revaz Kvachkidze (USSR) Charkov	(1) 7/24
25'6 1/4	Dmitriy Bondarenko (USSR) Moscow	(2) 7/16
25'5 3/4	Greg Bell (USA) Santa Barbara	(2) 4/16
25'5 1/2	Darrell Horn (USA) Fresno	(1) 5/14
25'5 1/4	Yukishige Yasuma (Japan) Tokyo	(1) 6/18
25'5 1/4	Yang Chuan-kwang (Formosa)	(3) 7/8
25'5 1/4	Jorma Valkama (Finland) Kerstet	(1) 8/16
25'5"	Joel Wiley (USA) Fresno	(2) 5/14
25'4 1/4	Christian Collardot (France)	(1) 9/24
25'3 1/2	Henryk Grabowski (Poland)	(1) 6/17
25'3 1/2	Dimosthenis Maglarea (Greece)	(1) 6/19
25'3 1/2	Viktor Khovich (USSR) Lugansk	(1) 8/3
25'2 3/4	Gerhard Deyerling (Germany)	(3) 7/24
25'2 3/4	Fritz Köppen (Germany) Potsdam	(1) 8/27
25'2 1/2	Juhani Manninen (Finland)	(1) 8/13
25'2"	Yuriy Yezemin (USSR) Moscow	(2) 6/11
25'1 1/2	Torgny Wahlander (Sweden)	(1) 8/10
25'1 1/2	Jan Netopilik (CSR) Prague	(1) 8/22
25' 3/4	Yevgeniy Chen (USSR) Moscow	(1) 6/30
25' 3/4	Peter Becher (Germany) Jena	(1) 7/17
25' 3/4	Alan Crawley (Australia) Brisb.	(1) 11/12
25' 1/2	Gene Wilson (USA) Modesto	(1) 5/28
25' 1/2	John Howell (Gt. Br) Erith	(1) 8/14
25' 1/2	Takayuki Okazaki (Japan) Tokyo	() 6/4

25'	Don Meyers (USA) Lincoln	(1) 5/14
25'	Al Harris (USA) Ft. Campbell, Ky	(2) 5/21
25'	Antanas Vapshas (USSR) Krasnod.	(1) 9/12
24'11 3/4	Yuriy Mustashkin (USSR) Charkov	(2) 7/24
24'11 1/2	Dick Van Kirk (USA) Fresno	(3) 5/14
24'11 1/2	Lee Bird (W. Indies) Berkeley	(4) 6/18
24'11"	Ira Davis (USA) New York	(1) 6/18
24'10 3/4	Bill Jackson (USA) Los Angeles	(1) 2/27
24'10 3/4	Jim Tate (USA) Tucson	(1) 3/12
24'10 3/4	Luther Hayes (USA) Los Angeles	(1) 3/26
24'10 3/4	Bob Lawson (USA) Modesto	(2) 5/28
24'10 3/4	Ali Brakchi (France) Athens	(1) 7/4
24'10 1/2	Jim Baird (USA) Modesto	(3) 5/28
24'10 1/2	Roar Berthelsen (Norway) Oslo	(1) 7/20
24'10 1/2	Waldemar Gawron (Poland) Katow.	(1) 9/18
24'10"	Paul Foreman (W. Indies) Columbus	(1) 3/4
24'10"	Ernie Shelby (USA) Modesto	(4) 5/28
24'10"	Peter Scharp (Germany) Berlin	(4) 7/24
24'10"	Attilio Bravi (Italy) Rome	(9) 9/2

with winds:

26'8 1/2	Manfred Steinbach (Germ.) Berlin	(1) 7/24
25'5 1/4	Jim Baird (USA) Lawrence	(1) 4/22
25'5"	Noel Certain (USA) Lawrence	(2) 4/22
25'4"	Don Meyers (USA) Lawrence	(3) 4/22
25'2"	Bill Miller (USA) Abilene	(1) 4/13
25'2"	Jan Netopilik (CSR) Prague	(2) 6/19
25'1 1/2	Bevyn Baker (Australia) Perth	(1) 3/5
25'	John Baguley (Australia) Perth	(2) 3/5
25'	Ali Brakchi (France) Paris	(1) 6/19
24'11"	Mack Burton (USA) Walnut, Cal.	(1) 4/23

HOP-STEP-JUMP

55'10 1/2	Jozef Schmidt (Poland) Olstyn	(1) 8/5
54'9 1/2	Vilhelmur Einarsson (Iceland)	(1) 8/7
54'6 3/4	Vladimir Goryayev (USSR) Rome	(2) 9/6
54'1 1/4	Vitold Kreyer (USSR) Kiev	(2) 10/19
53'11 1/4	Ryszard Malcherczyk (Poland)	(1) 10/23
53'10"	Ira Davis (USA) Rome	(4) 9/6
53'9 3/4	Kari Rahkamo (Finland) Colombes	(1) 9/25
53'9 1/4	Yevgeniy Mikhailov (USSR) Tula	(3) 6/26
53'7 3/4	Tien Chao-chung (China) Peking	(1) 9/14
53'1"	Aleksandr Vyereshchagin (USSR)	(1) 8/5

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52'11"1/2	John Baguley(Australia)Perth (-)	3/7
52'11"1/2	Olyeg Ryakhovskiy(USSR)Moscow(3)	7/18
52'10"1/4	Kent Floerke(USA)Bakersfield (2)	6/25
52'8"1/4	Adhemar Ferreira da Silva(Brazil)	
52'7"	Ian Tomlinson(Australia)Sydney(1)	3/19
52'6"	Pierre William(France)Colombes(2)	9/25
52'5"1/2	Yevgeniy Chen(USSR)Odessa (1)	9/21
52'5"1/4	Konstantin Teigankov(USSR) (1)	5/15
52'5"1/4	Boris Vostreukhov(USSR)Kiev (3)	10/19
52'3"1/2	Dmitriy Yefremov(USSR)Odessa (1)	9/9
52'3"1/4	Manfred Hinz(Germany)Rome (7)	9/6
52'2"3/4	Yuriy Mustashkin(USSR)Moscow (q)	7/18
52'1"1/2	Vladimir Oheidze(USSR)Moscow (q)	7/18
52'1"1/2	Viktor Kravchenko(USSR) (3)	8/5
52'1"1/4	Yuriy Yerebin(USSR)Baku (1)	9/
52'1"1/4	Eric Battista(France)Colombes(3)	9/25
51'10"3/4	Jan Jaskolski(Poland)Poznan (1)	7/17
51'10"	Bernard Torf(USSR)Leningrad (2)	3/8
51'9"3/4	Koji Sakurai(Japan)Tokyo (1)	7/3
51'9"3/4	Kev Karpushenko(USSR)Moscow (3)	6/
51'9"3/4	Anatoliy Shveta(USSR)Krasnod. (2)	9/28
51'9"1/4	Adil Dementiyev(USSR)Charkov (1)	10/
51'9"	Karl Thierfelder(Germ.)Erfurt(1)	8/7
51'9"	Gennadiy Shastitko(USSR) (3)	9/28
51'8"1/2	Hiroshi Shibata(Japan)Tachik. (q)	4/10
51'8"1/2	Sten Erickson(Sweden)Rome (q)	9/6
51'6"1/2	Norbert Welser(Germ.)Stuttgart(1)	7/30
51'6"1/2	Yuriy Okunkov(USSR)Alma-Ata (1)	8/
51'6"1/4	Yoshiyuki Hirota(Japan)Kumam. (1)	6/5
51'6"1/4	Bill Sharpe(USA)Eugene (1)	7/30
51'5"3/4	Tomio Cta(Japan)Tokyo (1)	5/8
51'5"3/4	Takayuki Okazaki(Japan)Tokyo (1)	6/5
51'5"1/4	Anatoliy Alyabyev(USSR) (1)	
51'5"	Dodyu Patarinski(Bulgaria) (1)	
51'4"3/4	Herman Stokes(USA)Eugene (2)	7/30
51'4"1/2	Pierluigi Gatti(Italy)Rome (q)	9/6
51'4"1/2	Frederick Alsop(Gt.Br)Berlin (1)	10/16
51'4"1/4	Radoslav Jodic(Yugoslavia) (1)	
51'4"1/4	Olyeg Zotov(USSR)Charkov (4)	7/28

with wind:

53'8"5/4	John Baguley(Australia)Perth (1)	3/7
52'7"1/2	Ian Tomlinson(Australia)Perth(2)	3/7
51'11"	Herman Stokes(USA)Palo Alto (2)	7/2
51'9"3/4	Bill Sharpe(USA)Palo Alto (3)	7/2
51'8"	Hannu Rantala(Finland) (2)	8/14

SHOT PUT

65'10"	Bill Nieder(USA)Walnut, Cal. (1)	8/12
64'6"1/2	Dallas Long(USA)Los Angeles (1)	3/26
63'5"	Perry O'Brien(USA)Tempe (1)	4/2
62'8"1/2	Dave Davis(USA)Walnut, Cal. (1)	4/23
62'8"1/2	Arthur Rowe(Gt.Br)Berlin (1)	10/16
61'11"1/4	Vertan Ovsepyan(USSR)Erivan (1)	11/28
61'6"	Silvano Meconi(Italy)Schio (1)	8/10
61'5"	Vilmos Varju(Hungary)Budapest(1)	7/29
61'1"1/4	Zeigmond Nagy(Hungary)Budap. (1)	8/13
60'9"3/4	Jay Silvester(USA)Bakersfield(4)	6/24
60'8"	Viktor Lipanis(USSR)Prague (1)	6/15
59'11"1/4	Jerry Winters(USA)Palo Alto (5)	7/1
59'10"1/4	Alfred Sosgornik(Poland) (2)	7/10
59'6"1/4	Jiri Skobla(CSR)Kosice (1)	9/17
59'5"3/4	Adolfas Varanaukas(USSR) (1)	5/12
59'5"3/4	Rein Spreng(CSR)Tallinn (1)	5/28
58'8"	Bob Humphreys(USA)Los Angeles(3)	5/20
58'7"	Ed Nutting(USA)Coral Gables (1)	4/23
58'6"3/4	Mike Lindsey(GB)East Lansing (1)	2/13
58'4"3/4	Ken Bantum(USA)Philadelphia (1)	4/30
58'3"1/4	Nikolay Karasov(USSR)Moscow (1)	6/27
58'1"3/4	Eugeniusz Kwiatkowski(Poland)(2)	8/14
58'1"1/4	Boris Georgiyev(USSR)Kiev (q)	10/17
58'1"	Jarmo Kunnes(Finland)Budapest(2)	10/9
58'1"1/2	Jaroslav Flihal(CSR)Budapest(4)	6/25
57'11"1/2	Leslie Mills(N.Zealand)Auckl. (1)	3/19
57'8"	Joe Marchiony(USA)New York (1)	5/21
57'7"3/4	Glen Johnson(USA)Compton (5)	6/3
57'7"1/4	Clark Branson(USA)Los Angeles(3)	6/10
57'6"3/4	Martyn Lucking(Gt.Br)London (1)	6/25
57'6"1/2	Mike Lewis(USA)Berkeley (3)	6/16
57'5"	Dieter Urbach(Germany)Munich (1)	6/8
57'4"1/4	Gennadiy Shikalov(USSR)Krasn. (1)	9/12
57'3"3/4	Hermann Lingnau(Germ.)Merano (1)	10/16
57'2"3/4	Edmund Piatkowski(Poland) (1)	5/29
57'1"1/4	Bill Buchanan(USA)Pasco, Wash. (1)	4/30
56'11"	Jim Burke(USA)Tucson (2)	3/12
56'10"3/4	Janos Mihelyfi(Hungary)Cegled(1)	8/6
56'10"	Warwick Selvey(Australia) (1)	8/16
56'9"3/4	Lud Banderics(USA)Baton Rouge(1)	4/23
56'9"1/2	Karl-Heinz Wegmann(Germany) (1)	5/7
56'9"1/2	Gery Gubner(USA)New York (1)	7/21
56'9"1/4	Georgios Tsakanikas(Greece) (6)	6/19
56'9"	Ray Hiscok(USA)Tempe (1)	5/7



Broad jumper MANFRED STEINBACH of Germany, whose bests in 1960 were 26'3" and 26'8 1/2" w.

56'8"3/4	Fritz Köhl(Germany)Potsdam (1)	7/30
56'8"	Heino Heineste(USSR)Tallinn (2)	5/28
56'7"1/4	Don Smith(USA)Lawrence (2)	4/23
56'6"	Todor Todorov(Bulgaria)Sofia (1)	5/
56'4"3/4	Kim Bukhantsev(USSR)Tula (3)	5/22
56'3"3/4	Ken Garrett(USA)Philadelphia (2)	4/30
56'3"1/2	Erik Uddebom(Sweden)Nordingra(1)	6/25

DISCUS THROW

196'6.5	Rink Babka(USA)Walnut, Cal. (1)	8/12
194'1.5	Al Ceter(USA)Rome (1)	9/7
193'4.5	Jozsef Szecsenyi(Hungary) (1)	6/12
191'5.5	Dick Cochran(USA)Long Beach (2)	8/5
190'11"	Jay Silvester(USA)Walnut, Cal. (2)	8/12
190'6.5	Jim Wade(USA)Walnut, Cal. (1)	4/23
187'10"	Fortune Gordien(USA)Los Angeles(1)	7/22
187'4.5	Bob Humphreys(USA)Walnut, Cal. (4)	4/23
187'0.5	Edmund Piatkowski(Poland)Sofia(1)	5/22
186'7"	John Ellis(USA)New York (2)	5/8
185'5"	Viktor Kompanyevete(USSR)Kiev (1)	5/17
184'11"	Zdenek Nemecek(CSR)Brno (1)	9/19
184'9"	Kees Koch(Netherlands)Rotterd. (1)	5/1
184'6"	Vladimir Trucenyev(USSR)Nalchik(1)	5/13
184'6"	Kim Bukhantsev(USSR)Moscow (1)	6/12
183'10"	Pentti Repo(Finland)Helsinki (1)	6/30
183'3.5	Jim Burke(USA)Las Cruces, N.M. (1)	5/14
183'0.5	Carol Lindroos(Finland)Budap. (2)	10/6
182'11"	Stephanus du Plessis(So.Afr) (1)	3/26
182'9"	Kaupo Metsur(USSR)Charkov (1)	7/24
182'7.5	Ferenc Klics(Hungary)Budapest (1)	4/23
182'7"	Fritz Köhl(Germany)Potsdam (1)	5/25
182'2.5	Adolfo Consolini(Italy) (1)	5/8
181'11.5	Algimantas Baltusnikas(USSR) (1)	5/5
181'6"	Michael Lindsey(GB)Stillwater (1)	5/4
181'2.5	Todor Todorov(Bulgaria)Athens (1)	9/25
181'2.5	Gerald Carr(Gt.Br)Walnut, Cal. (6)	4/23
181'1"	Zdenek Chak(CSR)Pardubice (1)	5/9
180'7.5	Zenon Begier(Poland)Bydgoszcz (1)	5/28
180'4.5	Carmelo Rado(Italy)Mantova-J(1)	5/26
180'1"	Warwick Selvey(Australia)Sydney(1)	8/13
179'10.5	Vladimir Lyakhov(USSR)Leselidze(1)	5/2
179'4.5	Stein Haugen(Norway)Oslo (1)	8/3
179'4.5	Boris Metveyev(USSR) (1)	
179'3.5	Erik Uddebom(Sweden)Hamburg (1)	10/8
179'2.5	Perry O'Brien(USA)Athens (4)	9/11
179'0.5	Karl Johnstone(USA)Las Cruces (2)	5/14
178'7"	Otto Grigalka(USSR)Leselidze (3)	5/2
178'3.5	Manfred Grieser(Germany) (3)	7/10
177'10"	Vytautas Juras(USSR)Vilnius (1)	7/30
176'9"	Osten Edlund(Sweden)Stockholm (1)	8/11

176'6"	Jack Egan(USA)Compton (4)	6/3
176'4.5	Pasvo Lemmi(Finland) (1)	
176'2"	Antonios Counadis(Greece)Athens(1)	6/11
176'1"	Franco Grossi(Italy)Geneva (2)	8/9
175'5.5	Dan Ficca(USA)Los Angeles (3)	5/7
175'5"	Glenn Passey(USA)Salt Lake City(1)	5/21
175'5"	Jiri Zemba(CSR)Bratislava (2)	9/15
175'0.5	Vambola Polyskov(USSR)Nalchik (1)	4/17
174'11.5	Lothar Wilde(Germany)Rome (12)	9/7

HAMMER THROW

230'9"	Harold Cunnolly(USA)Walnut, Cal. (1)	8/12
228'1.5	Gyula Zeivotsky(Hungary)Budap. (1)	8/14
225'6"	Vasiliy Rudenkov(USSR)Budapest(1)	10/2
219'3"	Tadeusz Rut(Poland)Zabrze (1)	8/15
218'3"	Anatoliy Samotvystev(USSR) (2)	7/3
218'3"	Aleksey Boltovskiy(USSR)Budap. (1)	6/26
218'3"	Yuriy Nikulin(USSR)Moscow (1)	7/30
216'3.5	Birger Asplund(Sweden)Stockholm(1)	9/25
215'4"	Olyeg Kolodiy(USSR)Erfurt (1)	6/5
214'11.5	Heinrich Thun(Austria)Vienna (1)	9/17
214'7"	Al Hall(USA)Palo Alto (1)	7/1
214'6"	Zvonko Bezjak(Yugoslavia)Zagreb(1)	8/7
213'10.5	Yuriy Bakarinov(USSR)Tula (2)	5/21
213'10"	John Lawlor(Eire)Bakersfield (3)	6/24
212'7.5	Viktor Tatarintsev(USSR)Baku (1)	5/31
212'6"	Nikolay Tyurin(USSR)Sverdlovsk(1)	8/7
211'10"	Olgierd Cieply(Poland)Rome (5)	9/3
211'3.5	Gennadiy Kondrashov(USSR) (4)	7/3
210'11"	Michael Ellis(GB)Loughborough (1)	6/9
210'8.5	Jozsef Cserek(Hungary)Budap. (1)	5/15
210'6"	Romuald Klim(USSR)Baku (2)	9/14
210'2"	Mikhail Krivososov(USSR)Minsk (1)	5/22
210'0.5	Noboru Okamoto(Japan)Tokyo (1)	7/2
209'11"	Viktor Migunko(USSR)Moscow (1)	5/8
209'9"	Guy Husson(France)Cignies (1)	10/2
209'7.5	Kresimir Racic(Yugoslavia) (2)	9/23
209'4"	Ed Bagdonis(USA)Walnut, Cal. (3)	8/12
208'11"	Josef Matousek(CSR)Jaromer (1)	5/8
208'2"	Sverre Strandli(Norway)Oslo (1)	7/13
208'1"	Igor Zakharov(USSR)Nalchik (2)	5/8
207'11.5	Stanislav Nyenashev(USSR)Baku (2)	5/31
207'9.5	Takeo Sugawa(Japan)Gifu (1)	5/22
207'0.5	Muhammad Iqbal(Pakistan)Lahore(1)	1/
206'7"	Claus Peter(Germany)Leipzig (1)	5/29
205'9.5	Attila Mecsek(Hungary)Budapest(1)	7/1
205'9"	Karel Muzicek(CSR)Kosice (1)	7/10
205'11.5	Fyodor Tkachev(USSR)Yalta (1)	4/26
205'1.5	Willi Glotzbach(Germany)Fulda (1)	7/19
204'7.5	Richard Leffler(Australia) (1)	4/14
204'1"	Stanislav Voznyak(USSR)Nalchik (1)	5/15
204'1"	Horat Niabich(Germ)Göteborg (1)	7/2
203'11"	Siegfried Lorenz(Germ.)Siegen (1)	5/14
203'8.5	Imre Trenyi(Hungary)Szeged (1)	5/8
203'8.5	Bill McWilliams(USA)Jersey City(1)	5/22
203'8"	Tom Pagan(USA)Los Angeles (2)	6/10
203'7"	Manfred Losch(Germany)Göteborg (1)	7/2
203'3"	Josef Malek(CSR)Prague (4)	6/18
203'1"	Bogdan Towpik(Poland)Lodz (1)	7/10
203'1"	Martin Lotz(Germany)Leipzig (1)	10/12
203'1"	Klaus Teubert(Germany)Erfurt (4)	6/5

JAVELIN THROW

279'4"	Janusz Sidlo(Poland)Rome (q)	9/7
277'8"	Viktor Teibulenko(USSR)Rome (1)	9/8
277'7"	Al Cantello(USA)Palo Alto (1)	7/1
274'3.5	Carlo Lievore(Italy)Schio (1)	7/31
273'10.5	Bill Alley(USA)Houston (1)	6/10
272'4.5	Michel Maquet(France)Paris (1)	10/2
269'10.5	Charles Vallmann(USSR)Tartu (1)	8/7
261'8.5	Mart Paams(USSR)Moscow (1)	7/17
260'10"	Egil Danielsen(Norway)Hamar (1)	6/19
260'4.5	Walter Kröger(Germany)Rome (2)	9/8
260'4.5	Gary Stenlund(USA)Freemont (1)	5/14
260'2"	Gergely Kulcsar(Hungary)Budap. (1)	5/28
259'11"	Mikko Paananen(Finland)Julu (1)	9/11
259'7"	Vladimir Kuznyetsov(USSR)Tula (1)	5/22
259'2"	Klaus Frost(Germany)Potsdam (1)	5/14
258'10"	Alfredas Zablovskis(USSR) (1)	8/
258'8"	Antti Seppälä(Finland)Pori (1)	8/21
257'7"	Erich Ahrendt(Germany)Prague (1)	10/9
257'6.5	Jan Sikorsky(USA)Quentico (1)	6/11
257'2.5	Väinö Kuisma(Finland)Rome (4)	9/8
257'2"	Veikko Laine(Finland)Turku (1)	7/19
257'1"	Willy Reumussen(Norway)Rome (5)	9/8
257'1"	Knut Fredriksson(Sweden)Rome (6)	9/8
256'10.5	Bob Abardon(USA)Berkeley (1)	4/2
256'9.5	Olavi Kauhainen(Finland) (1)	8/14
256'4"	Ivan Sivoplyasov(USSR)Odessa (1)	9/21
256'2.5	Walter Frommberg(Germany) (1)	7/20
255'11"	Terry Beucher(USA)Palo Alto (3)	7/1
254'10"	John Fromm(USA)Olympia, Wash. (1)	6/4



Hammer thrower GYULA ZSIVOTZKY of Hungary.



Olympic marathon champion ABEBE BIKILA of Ethiopia.

WORLD REPORT

U.S.S.R.: BRUMEL'S 7'0"1/2 IS EUROPEAN INDOOR RECORD

Valeriy Brumel high jumped 2.145 (7'0"1/2) in an indoor meet at Moscow on 26 December -- a new Russian and European mark for indoor competition. On the same occasion the 18-year-old Olympic silver medalist also broad jumped 7.23 (23'8"3/4) and put the shot (in his first-ever try) 13.33 (43'8"3/4). His best in the broad jump is a "windy" 7.46 (24'5"3/4), made in 1959.

Japan MAGEE WINS ASAHI MARATHON

(by Tad Dobbs)

New Zealand's Barry McGee, bronze medal winner in the Rome Olympic marathon, won the 14th Asahi International marathon on Dec. 4 in the record time of 2:19:04. His time bettered the old Asahi marathon mark of 2:21:40 set in 1957 by Kurao Hiroshima of Japan.

Paavo Kotila of Finland, who won the Boston marathon in 1960, placed second some 100 meters behind Magee in 2:19:21 and Pavel Kantorek of Czechoslovakia outsprinted Japan's Takayuki Nakao in the last quarter around the track to place third in 2:20:41. Nakao was clocked in 2:20:45. Fifth place was taken by Nobuyoshi Sadanaga of Japan, winner of the 1958 race, in 2:25:44 and Tameo Tokishi of Okinawa, a relative newcomer to the big time marathon race, was sixth in 2:26:01.

Thyge Togerson of Denmark, Magee and Kotila were among the front running group of 12 runners at the half-way turning point. At the 25-kilometer mark J. Nishimura of Japan was in the lead with Magee and Kotila closely on his heels. At the 30-kilo mark the same three were bunched together and all were timed in 1:37:59. It was after this stage that Magee and Kotila broke away from Nishimura and up until the 37-kilo mark it was strictly a two-man race.

Australia THOMAS BEATS POWER TWICE IN TWO DAYS

(by Joe Galli)

The quiet Australian track season started to pick up momentum on Jan. 21-22 at the New South Wales-Victoria interstate challenge match in Sydney when Albert Thomas beat Dave Power twice in two days over distances of one and three miles.

On the 21st, Thomas ran the season's second fastest mile of 4:10.6 with Power second in 4:11.8. The following day, Thomas ran the season's fastest three miles in 13:46.0. The runnerup again was Power, who clocked 13:52.0, far off the 13:32.4 he recently ran in New Zealand. Bob Vagg placed third in the race with a 14:03.0. On Jan. 11, also at Sydney, Thomas beat Power in the mile, 4:13.4 to 4:14.3. Three days later Thomas ran in New Zealand and posted an 8:45.4 two mile in Auckland.

In other highlights of the N.S.W.-Victoria meet, Alf Mitchell beat Bob Lacy in the javelin, 236'3 1/2" to 220'4 1/2", and Barry Stanton scored a double with victories in the 440 flat race and the 440 hurdles. His times were 48.5 and 53.7.

Laurie Elliott, Herb's younger brother, is starting to pick up where his brother left off. In Perth on Jan. 14, he ran the 880 in 1:53.3, a personal best, and notched another personal best three days earlier, also at Perth, with a 4:11.5 mile. Other accomplishments by Elliott, all at Perth, include a 9:26.8 two mile on Dec. 17, a 4:12.5 mile a week later and a 14:36.7 three mile on Dec. 30. Other results include:

Dec. 17 -- Perth: HSJ, Tomlinson 51'10 1/2". HT, Crowe 174'5".
Dec. 30 -- Perth: HSJ, Tomlinson 51'4 1/2". Baguley 48'9 1/2".
Jan. 1 -- Sorrento: JT, Lacy 223'3".
Jan. 7 -- Melbourne: 440, Stanton 48.3. 880, Oakley 1:52.8. Mile, Vincent 4:10.9; Henderson 4:11.9. Sydney: Mile, Thomas (1) 4:13.4; Power (1) 4:15.7. Adelaide: PV, Pfitzner 13'9". JT, Birks 237' 1/2". Perth: BJ, Tomlinson 24'2 1/2".
Jan. 11 -- Sydney: BJ, McCann 24'8". Perth: BJ, Tomlinson 24'1 1/2". HSJ, Tomlinson 51'3". HT, Leffler 196' 1/2". Crowe 172'8 1/2".
Jan. 14 -- Melbourne: 880, Oakley 1:52.5. 440H, Stanton 53.9. Sydney: 3 Mile, Power 13:53.2. Brisbane: 220t, Bigby 21.1, Barnett 21.5.
Jan. 21 -- Sydney: 220ht, Prince 23.7; McCann 24.0. BJ, McCann 24'1 1/2". DT, Selvey 160'10". Mitsilias 159' 1/2". HT, Leffler 187'10".
Jan. 22 -- Sydney: 880, Oakley 1:52.1. HSJ, Rule 49' 1/4". HT, Leffler 187'2".

NEW ZEALAND REPORT

Burleson Wins Twice

from P. N. Heidenstrom

American miler Dyrol Burleson scored victories over Murray Halberg and Bill Baillie in the first two races of his New Zealand tour. At Wellington on Jan. 25 Burleson beat Baillie in a 4:04.0 mile. Four days earlier at Auckland, Burleson nipped Halberg in a 3:47.4 1500 meters. Halberg also was clocked in 3:47.4 while Baillie was third in this race with a 3:49.6.

Olympic 800 champion Peter Snell and bronze medalist George Kerr of the British West Indies traded victories. At Wellington on the 25th, Kerr handed Snell a rare defeat by setting a New Zealand 880 mark of 1:48.5 with Snell second. In Auckland on Jan. 21 it was the other way around as Snell won in 1:49.0 for the 880 distance on a grass course. Kerr was second in 1:49.2, equal to the old national record Snell set last year, while third went to 20-year-old Gary Philpott (the only runner in the world to beat Snell in a final race last year) who clocked 1:52.0. Olympic silver medalist Roger Moens of Belgium was a distant fourth in 1:53.4.

Halberg ran his third mile in 4:16 when he won an international three-mile race against Australia's Dave Power at Auckland on Dec. 17. His total time was 13:17.4 to Power's 13:32.4, with Baillie third in his best ever 13:37.0 and Vern Walker also under 14 minutes with 13:55.2. On the same night, Philpott won the 880 in 1:50.8. As preliminaries to his effortless three miles, Halberg had run 13:48.2 at Lower Hutt on Nov. 26 as well as 4:09.6 (without having done any speed training), and his first marathon in a leisurely 2:35:51 at Auckland on Dec. 10. After the latter, the consensus of opinion was that if he set his mind to the marathon Halberg could become the first man to break two hours.

New Zealand is on the way to having its first cinder track. Appeals for funds in Auckland (a city with two Olympic champions and an Olympic bronze medalist, but with no cinder track) have resulted in moves towards the building of two tracks, and similar appeals in Dunedin may bring an all-weather track there.

25'15.5	Viktor Ovchinnik(USSR)	Tula	(3)	5/22
25'4.5	Hermann Salomon(Germany)	Berlin	(1)	7/23
25'3'11	Zbigniew Redziwonowicz(Poland)		(2)	8/15
25'3'6.5	Rolf Herings(Germany)	Merano	(1)	10/16
25'3'1.5	Horst Bade(Germany)	Potsdam	(1)	7/13
25'2'8	Bill Duckworth(USA)	Houston	(1)	6/10
25'1'10	Terje Pedersen(Norway)		(1)	8/7
25'1'9.5	Rafer Johnson(USA)	Compton	(1)	6/3
25'1'8	Urs von Wartburg(Switzerland)		(2)	6/8
25'1'4.5	Leon Gyrovateki(Finland)		(2)	7/24
25'0'7.5	Muhammad Mawaz(Pakistan)	London	(1)	7/16
25'0'3.5	Alfred Mitchell(Australia)		(1)	1/24
24'5'3.5	Nikolay Gerasimov(USSR)		(1)	10/6
24'9'1.5	Marian Machowina(Poland)	Kowno	(1)	10/23
24'8'9.5	Jan Sinding(Sweden)	Hamburg	(2)	10/8
24'8'8	Zigfrido Graudulis(USSR)		(1)	10/8
24'8'5.5	Herrmann Rieder(Germany)	Berlin	(2)	7/23
24'7'5	Larry Stuart(USA)	Santa Ana	(1)	3/18
24'7'2.5	Sandor Kresznai(Hungary)	Budap.	(2)	10/2

24'7'1.5	Milos Vojtek(CSR)	Prague	(2)	10/9
24'6'17	Franklin Helz(USA)	San Diego	(1)	6/14

DECATHLON

86F3	Rafer Johnson(USA)	Eugene	(1)	7/8 & 9
8426	Yang Chuan-kwang(Formosa)	Eugene	(2)	7/8 & 9
8176	David Edstrom(USA)	Eugene	(1)	4/8 & 9
7845	Vasiliy Kuznetsov(USSR)	Kiev	(1)	10/18 & 19
7772	Yuriy Kutysenko(USSR)	Kvov	(1)	5/8 & 9
7652	Phil Mulkey(USA)	Eugene	(3)	7/8 & 9
7598	Uno Palu(USSR)	Moscow	(3)	7/17 & 18
7236	Eef Kamerbeek(Netherlands)	Rome	(5)	9/5 & 6
7195	Franco Ser(Italy)	Rome	(6)	9/5 & 6
7193	Yuriy Dyachkov(USSR)	Moscow	(4)	7/17 & 18
7185	Jim Klein(USA)	Eugene	(5)	7/8 & 9
7165	Walter Meier(Germany)	Schweinf.	(1)	7/16 & 17

7144	Manfred Bock(Germany)	Schweinf.	(2)	7/16 & 17
7141	Klaus Grogorenz(Germany)		(3)	7/16 & 17
7127	Heino Tiik(USSR)	Tallinn	(2)	6/4 & 5
7125	Werner von Moltke(Germany)		(4)	7/16 & 17
7112	Markus Kehma(Finland)	Rome	(7)	9/5 & 6
7092	Mike Herman(USA)	Eugene	(6)	7/8 & 9
7024	Fritz Vogelsang(Switzerland)		(1)	7/30 & 31
7021	Gene Freudenthal(USA)	Walnut	(2)	4/22 & 23
7018	Steve Anderson(USA)	Eugene	(7)	7/8 & 9
6992	Herman Tanne(Netherlands)		(2)	8/6 & 7
69F1	Mikhail Storozhenko(USSR)	Kiev	(4)	10/18 & 19
6950	Leonid Lagutin(USSR)	Kreenoder	(1)	9/28 & 29
6945	Tom Waddell(USA)	Eugene	(8)	7/8 & 9
6932	Dieter Mähring(Germany)		(5)	7/16 & 17
6926	Anatoliy Lobanov(USSR)	Uzhgorod	(1)	10/10
6925	Duane McIntyre(USA)	Emporia	(1)	5/3 & 31
6919	Rein Aun(USSR)	Tartu	(1)	6/4 & 5
6918	Jose Brodnik(Yugoslavia)	Rome	(9)	9/5 & 6

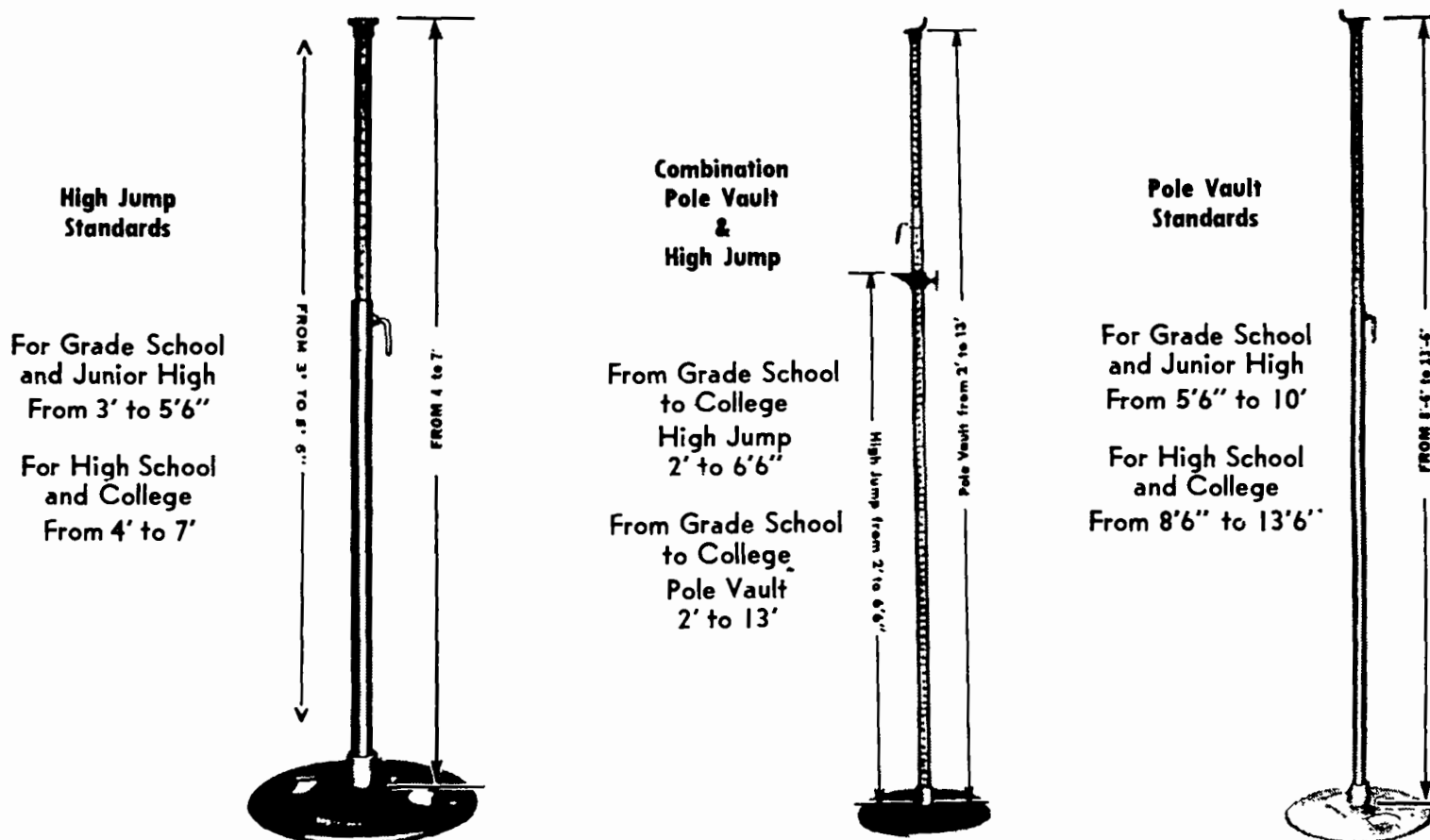
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Freshmen and
two year colleges

Last month only keen followers of high school track could tell you who Al Washington was. Today as a freshman at Northern Michigan College he is one of the top sprint prospects in the nation.

Washington entered the spotlight on Jan. 14 by tying the American indoor dirt track record of 6.0 for the 60-yard dash. His mark came in a dual meet between Northern Michigan and Central Michigan at Mt. Pleasant. Washington's best time prior to this race was a 6.2 in winning the National Interscholastic 60 last year while at Edison Vocational in Elizabeth, N.J. At the longer sprint distances, his best times are 9.8 and 22.6, which prompts Coach Burt Gustafson to say: "I believe he can improve on that 9.8 but how much?" Washington, 19, is pretty stocky. He stands 5'8½" tall and weighs 160 pounds.

Another freshman who has impressed indoors is 18-year-old Tom O'Hara of Loyola in Chicago. On Jan. 7 in Chicago he ran a very respectable 2:12.5 for 1,000 yards. He was a 4:20.6 miler in high school last year. Morgan State has come up with an outstanding freshman sprint prospect in Wilton Jackson, who comes from the British West Indies. He ran 10.3 for 100 meters in 1959.

Two veteran distance runners who now are freshmen are Peter McArdle, a 31-year-old Irishman who has been running for the New York A.C., and Vic Zwolak, a marine corps veteran. McArdle, who finished fourth in the 1960 National AAU 10,000-meter race, is at Idaho State while Zwolak, who has bests of 9:05.4 for two miles and 9:12.9 for the 3,000-meter steeplechase, is enrolled at Villanova.

Frosh & J. C. Marks

All JC's in California unless noted.
V=freshman competing for varsity.
Marks received by Jan. 27.

60-YARD DASH

- 6.0i Washington, N. Mich. V
- 6.2i Lambert, Md. frosh
- i Watson, Ariz. St. frosh
- ni Eves, Oregon St. frosh
- 6.4ni Jackson, Morgan St. frosh
- ni Robbins, Arizona frosh

600-YARD RUN

- 1:13.7i Tantoriski, Boston U. frosh
- i Ramsey, Army frosh

1:14.8i Byrne, Manhattan frosh
880-YARD RUN

- 1:55.7i O'Hara, Loyola V
- 1:57.5 Neal, Fullerton JC
- 1:57.9ni Cozens, Houston frosh

1,000-YARD RUN

2:12.5i O'Hara, Loyola V

2:16.2i Wright, Army frosh

ONE-MILE RUN

- 4:14.6i Steinke, Oregon frosh
- 4:18.0i O'Hara, Loyola V
- 4:22.0ni Saverovich, Wash. frosh
- 4:23.2i Lingle, Army frosh

TWO-MILE RUN

- 9:00.0ni Norris, McNeese St. V
- 9:15.2 Thomas, S. Ill. V
- 9:25.6 Carius, Kansas frosh
- 9:26.5 Walker, Houston frosh

60-YARD HIGH HURDLES

- 7.5i Bethea, Morgan St. frosh
- 7.6i Friend, Pitt frosh
- 7.9i Pannell, Manhattan frosh

BROAD JUMP

23'6¼"i Renfro, Oregon frosh

HIGH JUMP

- 6'4¼"i Hoffman, Cornell frosh
- 6'4"i Little, NYU frosh
- i Llewellyn, Oregon frosh
- i Bosquet, Idaho frosh

POLE VAULT

- 14'6"i Cruz, Villanova frosh
- 13'6¼"i Plymale, Army frosh
- 13'5"i Meckley, Pitt frosh

SHOT PUT

56'10½"i Gubner, NYU frosh

JAVELIN THROW

237' Covelli, Cerritos JC

TWO-MILE RELAY

- 7:55.2ni Fullerton JC
- 7:59.7i Pitt frosh
- 8:04.5i Manhattan frosh
- 8:04.5ni Army frosh



Freshman shot putter GARY GUBNER
of New York University.



Freshman sprinter AL WASHINGTON
of Northern Michigan.

TWO-MAN, 10 MILE RELAY

Cooper Twins Win

High schoolers completely dominated the 1960 national postal competition in the two-man, 10 mile relay with top honors going to a pair of brothers from Clayton Valley H.S. in Concord, Calif. Twins Robert and Norman Cooper toured the 40 laps in 46:20.5, averaging 69.4 and 69.6 respectively for each of 20 440s.

Of the 33 entries, all but two were from preps and so all Track & Field News Honor Awards will be for the U.S. division. There will be no collegiate, frosh or junior college awards this year.

The competition is open throughout the year. Marks may be made from January 1 to Dec. 31 and must be submitted by Jan. 10, 1962. Honor Awards go to the leaders in the U.S., college, frosh, junior college, and high school groups. The 1960 winners:

1. Robert Cooper (69.4) & Norman Cooper (69.6), Clayton Valley H.S., 46:20.5.
2. Norman Cooper (69.2) & Art Heinemann (69.8), Clayton Valley H.S., 46:21.0.
3. Jim McGrath (70.6) & Robert Cooper (69.5), Clayton Valley H.S., 46:42.0.
4. Andy Heiskell (70.8) & Tally Kirland (72.6), Westminster, Atlanta, Ga., 47:49.5
5. Ferguson & Squires, North Fulton, Atlanta, Ga., 48:36.8.

Postal Competitions

Belated results of another T&FN sponsored national postal competition show that Mira Costa High School of Manhattan Beach, Calif., set a new record in the prep one-mile team race.

The Mira Costa quintet totaled 22:30.2 for an average of 4:30.0, well under the 1959 record of 22:47.3 by Palo Alto, Calif. Woody Moore ran 4:27.4, Danny Murphy 4:27.6, Richard Redfield 4:30.1, Vince Rodriguez 4:31.4 and Donn Murphy 4:33.7. Wichita High School East, Kansas, ran 23:34.0 for second on times of 4:35 by Carl Hodges, 4:36 by Bob Ware, 4:45 by Eric Knorr, 4:47 by Mike McKee and 4:51 by Larry Brian.

This competition is sponsored each spring with T&FN Honor Awards to the national leaders.

The use of a man who has been ruled ineligible has caused a change in the team times of the Kansas freshmen squad in both the college frosh two-mile team race and in the three-mile team race. The man ruled ineligible was Tonnie Coane, who competed on freshmen cross country and track teams while at Duke last year. He is eligible for freshman postal competition according to Big Eight rules but is not eligible for postal competitions sponsored by Track & Field News. However, the standing of the Kansas team in both competitions was not affected.

In the frosh two-mile team race, Del Franz takes the place of Coane and his time of 9:58.6 adjusted the Jayhawk time to 48:33.4, still good enough for victory. Coane had run 9:36.6. In the three-mile team race, Kyner takes the place of Coane and his three-mile time of 15:52.0 adjusts the Kansas time to 75:58.4, which still leaves them in third place. Coane had run 15:35.0.

A belated entry was received from the Army plebe team in the frosh two-mile team race and it was an impressive one too. The Army squad was clocked in 49:28.5 with Robin Lingle posting a 9:37.0. If the mark had been received on time it would have placed them fifth in the competition instead of the seventh they actually finished.

SEE THE U. S. TEAM IN EUROPE

The United States meets three European opponents in track this summer and some of our readers have expressed interest in a Track & Field News Tour. We plan to organize such a tour providing at least 15 members are interested. But we need to know of your interest now for the visas and other arrangements for Russia take an extra long time. If interested, please write immediately.

The American team meets the USSR in Moscow July 15 and 16, Germany on July 18 and 19, and Great Britain in London on July 21-22. Additional European travel would be included for tour members.

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TRACK NEWSLETTER BARGAIN

The next 12 issues of Track Newsletter promise to be memorable. In addition to the great features which are TN exclusives you will read the late news of an exciting track season while the news is hot. Already the 1961 indoor season has indicated that this year will produce a rash of sensational performances. And with the Newsletter you can get this news, sped to you by first class mail between issues of Track & Field News.

Features in TN are first class, too. The Jan. 18 issue, for instance, saw the start of a series on Memorable Meets of the Past, the beginner being the 1934 Princeton Invitational. There were profiles on Darrell Horn and a distance ace of the 20s, Willie Ritola. Max Stiles explodes a legend of the 1924 Olympics and the start of Kansas' rise as a national track power is detailed. Another new series started was that of "The Greatest Distance Runners". All this plus late news and a column of Wind Sprints (similar to the popular On Your Marks).

The Newsletter sells for just \$.25 per issue or \$6.00 per year. But for the bargain rate of \$3.00 you may receive all 24 issues of the current volume 7. This will give you the next 12 issues (Feb. thru July) plus the past 12, all of which are filled with track goodies. Send \$3.00 now for Newsletter Bargain to:

TRACK & FIELD NEWS, Box 296, Los Altos, California

Track Talk

By Cordner Nelson

I don't know exactly how I first became interested in track, for I was not a track nut until I was 13, and yet the track bug was incipient in me for many years before that. I was interested in running long before I was 13. My memory is not clear as to which came first, running or my interest in running. (The latter may have developed through reading Indian stories wherein the hero won day-long foot races through the forests of Ohio and for a prize was permitted to retain his scalp.)

Now that I think of it I believe the actual running came first, for I remember being involved in a similar foot race when I was in the first grade, and at that time I was certainly unable to read the stories of Joseph Altsheler. As I remember it, a gang of boys was "after me", and to escape, I ran home along the half mile of country road to our house. Only one of my pursuers made any real effort, but he could not catch me. I remember having enough confidence in my running ability so that I stopped running whenever he stopped, although I could easily have continued all the way home. (This confidence later proved to be completely without basis.)

I believe running is almost as natural to youngsters as walking and surely our evolution has provided us with more than natural physical ability. I think we must be born with an instinct of pleasure toward this form of activity which man has developed, over millions of years, as a hunting tool, a means of saving his life, and a method of winning a mate.

At any rate, running always seems to have had a natural pleasure with me. (Even now, as a middle-aged, soft American, I take pleasure in running, and I have a special feeling for anyone I see running, as if they are superior to the idle, the unfit, and the lazy.) I can remember playing running games when I was nine or 10 years old. We organized impromptu races, in bare feet on dirt roads, at unmeasured distances ranging, I suppose, from about 50 yards up to a half mile. Once, when I was 10, our grammar school class hiked over a mile to the new junior high school, and some of us started to run, making a race of it. I finished second and felt very proud of myself. (One game we played might be of use to some cross country team. It consisted of one or more people who had to stay together, trying to keep away from the rest. The only rule was that the escapees could not stop and hide; they had to keep moving.)

I also remember walking two or three miles on a hot summer day so as to cool off with a swim in the lake. Then we ran all the way home, simply to find out if we could.

It was not all running, though. In the second grade I remember high jumping in the school yard, and the next year, when I was eight and had moved to another community, I built my first high jump standards. Later, from the ages of 11 to 14, Bert and I always had a pit on our back yard where we high jumped and pole vaulted.

These memories convince me of my natural liking for the sport, but a participant and a fan are two entirely different species. To become a fan I had two more steps to take: (1) I had to see my first track meet, and (2) I had to discover statistics.

The statistics came first. One lazy summer when I was 10, I found a pile of old, small-town newspapers, and I became fascinated by the box scores of baseball games of some small league of no importance. It was so unimportant, in fact, that the box scores contained "no times at bat." I spent hours determining the best hitters for all the games recorded, using games played instead of "AB." This led, within a year, to the discovery of the statistical world of baseball, and I became, shamefully enough, a baseball fan. In the next two years I became statistically minded to the degree which was certainly not usual. I kept a record of almost everything. Just as my body wanted to run, my brain wanted knowledge, and in the absence of any intellectual atmosphere, I stuffed my head with statistics. And so it was, in 1931, when I first discovered track statistics, I became a track nut.

The statistics I read were compiled and used by one of the pioneers in the field, Maxwell Stiles of the Los Angeles Examiner, and the magic of his words and figures were as water to a dry sponge. I re-read and rearranged and put them down on index cards so that I could find them again whenever I wanted them. I invented a track game in which all of the greatest athletes of all time could compete in one meet, and the results were comparable to what might really have happened. I spent weeks on each of my "world meets," drawing from heats and running off events. The 10,000 meters alone took days to complete. I was certainly one of the nuttiest of all track nuts before I had ever seen a track meet.

I have not forgotten that first meet. I was 13, but I don't remember how I happened to go the six miles to Riverside and watch the meet between Poly High and the Riverside J.C. reserves. I remember very few details, but the finish of the 440 is one of those pictures burned into permanence in any memory by the emotional thrill of it. The cause of the Poly runner, Jerry Burrus, seemed hopeless 20 yards from the finish, but he fought grotesquely, as if pulling himself hand-over-hand along a rope, and he won the race by a full inch.

This minute, as I remember that race, a tingle crawls along my spine, and I know why I am a track fan.

1960 OLYMPIC ISSUE

This Sept. issue of Track & Field News is our special Olympic Issue, covering the Games in the greatest depth reported everywhere. It makes a wonderful reference and souvenir and will be appreciated by track fans and athletes everywhere. Extra copies are available at \$1.00 each or three for \$2.00. We'll mail to individual addresses anywhere in the world.

Write: Track & Field News, Box 296, Los Altos, California

SUAREZ WINS AT SAO PAULO AGAIN

Sao Paulo, Brazil, Jan. 1 — Osvaldo Suarez of Argentina celebrated his recent marriage tonight by winning the fabled Sao Silvestre Midnight Run for the third straight year.

Suarez, who was married only two days ago, whipped a field of about 800 runners from 13 nations in 22:02.1 for the 7,300 meter course. His time was a little more than six seconds above his winning time of a year ago. East Germany's Hans Grodotzki was a distant second in 22:21.9 while Eugene Allonsius of Belgium was third in 22:27.9.

The only American entry, John Gutknecht, finished 10th, the same place taken by American Billy Mills a year ago.

1. Suarez, Argentina	22:02.1
2. Grodotzki, Germany	22:21.9
3. Allonsius, Belgium	22:27.9
4. Santos, Brazil	22:37.1
5. Kyle, Canada	22:41.6
6. Molins, Spain	22:42.7
7. Azevedo, Brazil	22:50.0
8. Rios, Argentina	22:51.2
9. De Oliveira, Portugal	22:55.6
10. Gutknecht, U.S.	22:56.0
16. O'Riordan, Ireland	
38. Pirie, Great Britain	

STANFORD ALL-COMERS MEETS

Stanford, Calif., Jan. 14 — 100y, James (USA) 9.9, 220, James 21.8, 440, Walker (Stanford frosh) 50.1, 880, Richardson (USN) 1:55.9, PV, Gear (San Jose St) 14'6"; Kimmell (SJS) 14'. HSJ, Downey (Stan) 45'6". SP, Silvester (USA) 55'9". JT, Batchelder (Stan) 203'3". HT, Jongewaard (SCVYV) 180'1"; Burke (SJS) 167'5".

Jan. 21 — 220, Thomassen (SCVYV) 21.5, 440, Thomassen 47.9, PV, Kimmell 14'6", Gear 14'. SP, Ross (SJS) 49'3". DT, Studney (SJS) 162'9", Egan (USA) 162", Weill (Stanford) 161'3".

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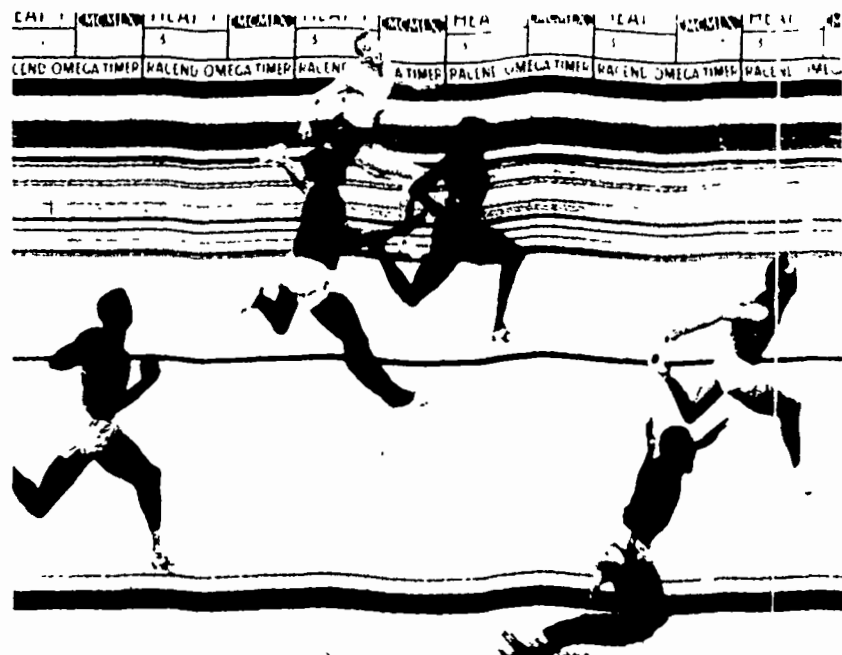
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This picture taken by the Racend-Omega timer at the Olympic Games shows Italy's LIVIO BERRUTI a clear victor in the 200 meters. LES CARNEY of the U.S. was second, ABDOU SEYE of France was third, MARIAN FOIK of Poland fourth, STONE JOHNSON of the U.S. fifth and RAY NORTON, U.S., sixth.

N. MICHIGAN FROSH RUNS 6.0

Mt. Pleasant, Mich., Jan. 14 — Northern Michigan freshman Al Washington equalled the American indoor dirt track record for the 60-yard dash today by running 6.0 in a dual meet against Central Michigan.

Washington's time ties the mark shared by Jim Golliday and Charlie Tidwell. Washington, who ran 6.2 as a high school senior in Elizabeth, N.J. last year, got only a fair start but still managed to get two of three official watches to read 6.0. The other watch read 6.2. The track was measured after the race and found to be 60 yards, one-half inch. Second was Central Michigan's South African sophomore Barry Jacobson, who clocked 6.2. The South African also won the 65-yard high hurdles in 8.1 and the 65-low hurdles in 7.0, a fieldhouse record.

Central Michigan easily won the meet, 67-37.

MAINE 92, NEW HAMPSHIRE 30

Orono, Maine, Jan. 14 — DT, Horne (M) 155'10". 35 lb. WT, Horne 55'10½". 600, Spencer (M) 1.14.1.

YOUNGSTERS POST FAST TIMES

Chicago, Jan. 7 — A couple of teenage boys took the spotlight away from the veterans today in an open meet at the University of Chicago.

Tom Sullivan, a 17-year-old senior at St. George High School in Evanston, ran a practically solo 4:12.5 in the mile. It was the fastest mile ever run indoors by a high school boy. Tom O'Hara, an 18-year-old freshman at Loyola U., won the 1,000-yard run in 2:12.5, beating his nearest competitor by nearly eight seconds.

Sullivan ran his quarters in 62.0, 63.3, 64.7 and 62.5. O'Hara ran 57.1 at the quarter and 1:55.7 at the 880 mark. In another highlight, Olympic silver medalist Willie May won the 70-yard high hurdles in 8.5. 70, Murchison (UCTC) 7.1; Johnson (UCTC) 7.2; Jacobs (UCTC) 7.2.

ARMY 62, ST. JOHN'S 47

West Point, N.Y., Jan. 7 — 600, Shane (SJ) 1:12.3. Mile, Benz (A) 4:21.0. PV, Barr (SJ) 13'6¼". Mile R, St. John's 3:20.5.

NAVY 71, PITTSBURGH 38

Annapolis, Md., Jan. 14 — 35 lb. WT, Sage (N) 59', Clark (P) 57'2¾". SP, Brown (N) 56'6". 600, Stokes (P) 1:12.5. 1,000, Carter (P) 2:13.8.

CORNELL 57½, DARTMOUTH 51½

Ithaca, N.Y., Jan. 14 — 35 lb. WT, Schneker (C) 56'9¼". PV, Murray (C) 14'.

•••• PRE-EVENT NUTRITION is important to every athlete and coach. Dr. Warren Guild discusses it fully in Track Technique No. 2. This popular new technical quarterly is \$1 per issue or \$3 per year (4 issues) from Track & Field News.

Another Milestone

This is the biggest ever issue of Track & Field News with the exception of the special Olympic numbers of 1956 and 1960. In its 24 pages you'll find not only a record amount of advertising, which makes these bigger issues both necessary and possible, but a record 16 pages or more of good track reading.

Started in February, 1948, T&FN was a slim eight-pager until April, 1950 when we reached 12 for the first time. Pages varied from 6 to 16 until 1956 when 16 became the minimum. Just a year ago we started with 20 pages, figuring it would only be temporary. Now we have our first 24 pager and again we don't expect it to be the rule. But we're ready to be fooled again for T&FN has a way of growing and surprising all of us.

Two groups should be thanked for making this extra reading possible. One is the advertisers and your support of them will be in your best interests. The other is you readers, for your continued support, in ever growing numbers, gives us both the wherewithal and the courage to grow and to strike out on new ventures such as the Nutsletter, Track Technique, High School Annual, How They Train, etc.

So They Tell Me

by Bert Nelson

PETER SNELL, N.Z. Olympic 800 champ: "Murray Halberg and I have been having a hectic time with functions, speeches, exhibition runs, etc. and at the same time trying to prepare for important racing. I have been training with the mile in view, but have just had two weeks off with a leg muscle injury and will have to concentrate on 880 work to get right for Roger Moens' visit. Our success at the Games has really put athletics to the fore here, and we will soon have our first cinder track. There are four tracks planned for completion by 62."

BOB RITTENBURG, former Harvard hurdler: "What a great race Bruce Kidd ran in Boston. His plan was to stay with pace and then start kicking before anyone else was ready. He did just as he planned and wow. What a kick. The leaders were 4:25 and 6:40 with Bruce tagging right along until he jumped (Fred) Norris and (Peter) McArdle with 4½ laps to go. His surprise maneuver opened up 15 quick yards. McArdle's comment to one of the local newspapers was that he thought Kidd had miscounted the laps when he kicked by with more than four to go.

"With two laps left Kidd started looking back over his shoulder. He had a good reserve left and each time McArdle came near him he spurred away. It looked to me like Bruce could have forgotten about McArdle and gone for the record but I guess his plan was simply to win and one of his planned tactics was to coast near the end until his competition closed the gap and then to run away from them.

Boston Garden was in danger of collapsing from the vibration of the cheering that the fans sustained during the last four laps of the race and the two extra laps that Bruce jogged with the spotlight on him. His performance was the greatest ever seen or heard of in Boston. I personally think that if more of the local reporters knew anything at all about the two mile they would have recognized Bruce's victory as one of the greatest performances ever made in the history of athletics. Not many Americans are capable of comprehending what it means when a 17-year-old runs the two mile in 8:49.2."

KEN DOHERTY, director Penn Relays: "Otis Davis probably won the Olympic 400 due to correct pacing: 11.1, 10.7, 10.8, 11.3. I would like to make a study of 400 meter splits at each 100 and would be interested in hearing from anyone with this data." (Box 351 Swarthmore, Penna.)

VINCE REEL, coach Claremont-Mudd and Indian Olympic team: "You might be interested in the plans we made for the 400 meter final in Rome, and had they been correctly followed there probably would not have been a new world record and possibly a different Olympic champion. As soon as we received the lane assignments Milkha Singh and I began to make our tactical plans for the final. We eliminated Young and Kinder from our planning--isn't that something, not worrying about two men who ran 45.9--but that was our first move.

"Kaufmann and Milkha had run each other four or five times just before the Games and although Kaufmann won each time the distance between them kept diminishing until in their last race they were both clocked in the same time. So we figured that Kaufmann would be concerned with Milkha and would not consider himself a cinch to whip him. A second consideration with our plans for Kaufmann was the fact that he drew lane 1 and would be screened from Milkha in lane 5 for much of the race.

"With Young in lane 2, our next consideration was the man we feared the most, Otis Davis in lane 3. Basic to all our thinking was the fact that Milkha possessed as much if not more speed than anyone in the race with the possible exception of Kaufmann. Davis we figured would be a 'follower' since he had drawn the 3rd lane.

"Spence in lane 4 was the key to the race. We based this on the Commonwealth Games 440 where Milkha defeated Spence for the title. Spence in that race was in lane 1 with Singh on the outside. Spence let Milkha get too big a lead in the first 330 and then couldn't catch him in the final dash for the tape. This time, we thought Spence would not let Milkha build up that much of a lead--especially since he was in the closest lane.

"Therefore our job was to control the race in such a manner that the field was practically even coming into the home straight and would then become a dash with inherent speed as the major factor. To do this, we planned to run the first 200 in 22.3 to 22.5 figuring that Spence would stay in back of Milkha, that Davis would follow Spence and that Kaufmann would be keeping his eyes on Davis, thereby slowing the entire field and giving Milkha a chance to take advantage of his speed.

"The planning, of course, still worked for the first 200 with Spence following Milkha and Davis following Spence and Kaufmann behind Davis. The only trouble was that Milkha ran about 21.3 instead of 22.3 and the tactics were completely changed. As you know, when they came off the last turn, Davis had about three yards over Kaufmann and almost got caught; Spence had three yards over Milkha and almost got caught. So there went the best laid plans--and if they had worked the entire results might have been different. You wonder how many "plans" were changed in the Games as races were run. If Milkha had held back that extra second would the others have still followed? We'll never know, but these are the things which make track the interesting challenge it is."

1961 High School Annual

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TOM SULLIVAN, a senior at St. George in Evanston, Ill., recently ran 1:52.8 for the 880 and 4:12.5 for the mile in meets at Chicago. Sullivan's bests last year were 1:53.1 and 4:11.7n.



MEL RENFRO, cover boy on the 1961 High School Annual, is the 1960 high school athlete of the year. At Jefferson in Portland, Oregon, last year, he ran 13.8 and 18.9 around a turn and broad jumped 24'1 1/4".

PREP PANORAMA

By Fran Errota & Don Nash, Box 781, San Jose, Calif.

Tom Sullivan, a senior at St. George High School, Evanston, Ill., is on his way to becoming the greatest 880 man and miler in high school track history.

On Jan. 7, running on the University of Chicago's eight laps to the mile track, Sullivan clocked a 4:12.5 for the mile and a week later on the same track ran 1:52.8 for the 880. If any prep has ever run faster indoors these reporters have never heard about it.

Sullivan is no newcomer in the national track picture. As a junior last year he ran 1:53.1 and 4:11.7 outdoors and is unbeaten in prep competition. Biff Schreiber, who was head timer in Sullivan's 1:52.8, said all three watches agreed. Biff also figures since the race was run on a 220-yard oval, it meant Tom had to run eight turns, four more than outdoors, and that the extra turns would be worth at least four-tenths of a second and possibly more. That would mean the 1:52.8 would be equivalent of at least a 1:51.2 outside. The mile would equal a 4:09.3. And the season is just beginning.

The national high school records are 1:50.6 by Tom Carroll, Fordham Prep of New York City (1957), and 4:11.0 by Dale Story, Orange, Calif. (1959). Carroll also ran 800 meters in 1:49.3 during a European tour and Archie San Romani, East of Wichita, Kansas, holds the all-time mile standard at 4:08.9.

Sullivan's coach, Don Amidei, said he thinks the boy can do 4:05 this season. Amidei plans to enter Sullivan in several big meets indoors. He said Tom will run in the Michigan AAU meet on Feb. 11, the National AAU meet on Feb. 25 where he will enter the 1,000 and possibly the Chicago Daily News Relays.

A Canadian high school boy, Bruce Kidd from Toronto, also has been causing quite a stir in the track world. At the Boston Knights of Columbus meet on Jan. 14, Kidd won the two mile in an incredible 8:49.2, whipping a field of veteran distance runners. The fastest two mile ever run by a high school boy in the U.S. is 9:21.4 by Tom Laris, Washington, New York City, in 1958. Kidd's effort is covered elsewhere in this issue.

INDOOR TRACK

The rest of the high school boys apparently have taken the cue from Sullivan and Kidd and have posted some fast times indoors.

Two fast times came at the Catholic High School A.A. Championships on Jan. 14 in New York City. Johnny Sasport, who had confined most of his efforts to Mt. St. Michael's relay teams, got into an individual event and clocked 1:14.1 for the 600-yard dash, well under the meet record of 1:15.0 set by John Reilly, also of Mt. St. Michael, in 1959. Tom Farrell, 16-year-old senior at Archbishop Molloy, won the 1,000-yards with a swift 2:15.5, also well under the old meet record of 2:18.6 established by Francis Hegarty of St. Francis Prep in 1958. Ed Duchini, Power Memorial, was second in 2:17.7 and Paul Stelmazyk of Mt. St. Michael was third in 2:18.3.

At the Cardinal Hayes track games in New York City a week later, Farrell won the 1,000 in 2:16.5 while in the 600 three men ran 1:14.6. In the first section of the 600, Jim Warren of Xavierian won in 1:14.6, barely beating Frank Koch of St. Peter's Prep, Jersey City, N.J., who also ran 1:14.6. In the next section Bill Boyle of Chaminade also won in 1:14.6. In the final standings, Warren and Boyle tied for first while Koch was placed third.

Roy Woodton, Union, N.J., took the 60-yard high hurdles in a fast

7.5 while Dave Hyland, St. Peter's, New Brunswick, N.J., was the two-mile winner in 9:42.6. The mile went to John Camien, Sewanhaka, Floral Park, N.Y., who ran 4:25.6.

Lambert Anderson, Roosevelt, Washington, D.C., zipped 60 yards in 6.2 to feature the All-Eastern high school meet on Jan. 7 in Baltimore. His time equals the best ever by a prep. Ramsey Thomas, Cantonville, Md., turned in a notable performance in the 600-yard run as he ran the distance in 1:14.5, a meet record.

Two California high school boys ran in the Los Angeles Invitational on Jan. 21. Bruce Bess, La Habra, ran in the 1,000 and took fourth in 2:17.7 while in the two mile Danny Murphy, Mira Costa, Manhattan Beach, took fourth in 9:39.6, believed to be the fastest ever run by a high school boy indoors. Bess warmed up for his race by competing in an outdoor all-comers meet on Jan. 13 and running 1:55.8 for the 880. Another notable high school mark from the all-comers meet at Long Beach was a 35.2 for 330 yards by Dave Archibald, Leuzinger of Lawndale, who ran a 48.8 quarter last year.

CINDERAMA

Coach Allen Kirk of Jefferson High, Dallas, Texas, writes that Jimmy Langham, the 48.4 quarter-miler, went to Jefferson and not Highland Park as was noted in the November issue. Langham is now at Southern Methodist... Bakersfield Junior College in California picked up two of last year's top prep broad jumpers in Floyd Gaston (23'11 1/2") from Wasco and Larry Rheams (23'11") from Lompoc, both in California. Rheams hop-step-jumped 46'1 3/4" as a junior... Matt Baggett, shot putter from Berkeley, Calif., decided not to go to Oregon State and went to the University of Illinois... Rod Lambert, 9.6 sprinter from Mt. Pleasant, Wilmington, Del., is at the University of Maryland... Boston University claims Ed Tantorski, 48.3 quarter-miler from New Britain, Conn... Barry Townsend, another 9.6 sprinter from Edgemont, Scarsdale, N.Y., is attending Northwestern.

The Central Michigan University Relays, dubbed the nation's largest high school track meet, are set for April 28-29. The meet drew 2,744 athletes from 170 Michigan high schools in 1960 for the two-day marathon... La Habra (Calif.) High's chance for cracking the distance medley relay record was dashed when Dale Murray, a 4:28 miler, transferred to San Marcos High in Santa Barbara... one of the brightest of many good prospects in Arizona is John Donner, Catalina of Tucson, who ran the mile in 4:25.3 as a sophomore. He has hopes of doing 4:10 or 4:12 as a junior... Glendale, Arizona, may have the best discus throwing depth in the nation. Bob Morris is back after throwing 176'10" as a junior and Jon Cole, over 160 feet as a sophomore, hopes to crack Karl Johnstone's class records before he is through. Harold Hudgins, a junior, has been throwing 160 feet in fall workouts and Steve Gilbert is a 150-footer... Ed Grant reports that more than 150 schools took part in cross country in New Jersey last fall.

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On Your Marks

By Hal Bateman

Two more meets have been added to the indoor schedule. The Will Rogers Indoor Games will be held in Ft. Worth, Texas, on Feb. 9. The sponsoring group is the Ft. Worth Coaches Assn. Portland, Oregon, will play host to two indoor meets this season with the addition of the Far West Indoor meet on March 3. Oregon State coach Sam Bell is the meet director... Dan Ferris, honorary secretary of the National AAU, says that three to five trackmen probably will be picked to compete in South Africa in March or early April. Tentative plans call for the group to leave following the AAU indoor championships on Feb. 25. Ferris says no question of color or race was raised by the South African AAU in extending the invitation but the team is expected to contain no Negroes. Pincus Sober, chairman of the AAU men's track and field committee, said it was not AAU policy to get involved in political or racial issues in foreign lands.

Middle distance runner Zoltan Vamos of Rumania has scratched from his contemplated American indoor tour... veteran steeplechaser Phil Coleman isn't planning to run at all indoors. He recently competed in a three mile race in Chicago but that was only because he was in town for a banquet... hurdler Willie May is slated to go into the army... the Chicago Daily News Relays will not be held in Chicago's new convention hall as previously reported but instead will return to the Chicago Stadium... a track and field clinic will be held at Abilene Christian College in Abilene, Texas, on Feb. 18... Olympic decathlon champion Rafer Johnson has been named the 1960 winner of the Sullivan Award, which goes to the nation's top amateur athlete. Johnson polled 1,611 points in the voting with Wilma Rudolph second with 1,079 points... Johnson received another honor when he was named one of the nation's outstanding young men in 1960 by the U.S. Junior Chamber of Commerce.

Broad jumper Ralph Boston has been named the winner of the L. di-Benedetto Memorial Award, which goes annually to the American athlete returning the top track or field individual performance in 1960. He was given the award for his world record leap of 26'11 1/4"... miler Jim Grelle now works in Los Angeles and is expected to run for the Southern California Striders... distance runner Max Truex has been transferred by the air force to Almaden Air Force Station, 15 miles south of San Jose, Calif. Truex will work out under Coach Mihaly Igloi at the Santa Clara Valley Youth Village... Igloi says the world mile record of 3:54.5 will be broken in 1961 but he won't say who will do it... middle distance runner Laszlo Tabori, who came to the U.S. after the 1956 Olympic Games, thinks his body still is undergoing a change, both from climate and from foods. He also says he's almost constantly troubled with head colds in this country but he had rarely experienced them in his native Hungary.

Wayne Rideout, who along with his twin brother Blaine were middle distance stars at North Texas State in the late 1930's, now coaches track and is the trainer for all the athletic teams at Austin High School in Bryan, Texas... the university section of the 1961 NCAA cross country championships has been awarded again to Michigan State University. The meet will be held Nov. 27. The college division version of the race will again be held at Wheaton College in Illinois on Nov. 11... the National AAU cross country championship will be held in Louisville, Kentucky, on Nov. 23.

The 1962 dual meet between Russia and the U.S. is tentatively scheduled for Stanford University in California... Ralph Colson, a member of the National AAU men's track and field committee, is assisting engineers in the design and layout of a new quarter-mile track at Mattapan, Mass. He predicts the track will be the fastest in the world... the Pacific Northwest AAU conducted 22 long distance runs and 46 track meets for men and women in 1960... Bowling Green hurdler Bernie Casey has signed a professional football contract with the San Francisco Forty-Niners... a small delegation of American athletes will be sent to Indonesia, at State Department request, for a meet on June 1-2, according to Pincus Sober... incidentally, the track coach of the Indonesian national team is former javelin star Bill Miller... Laurel, Mississippi, is listed as the birthplace of such stars as former Michigan State middle distance man Willie Atterberry and Olympic champions Ralph Boston and Lee Calhoun... Christchurch, New Zealand, has named a street after Olympic 800-meter champion Peter Snell. The city already has Halberg, Lovelock and Landy streets... Finland has 730 cinder tracks while England, Wales and Northern Ireland have 195... Gerry Young, fourth in the NCAA cross country meet, will be the captain of Michigan State's 1961 cross country team.

Dr. Steve Seymour, the veteran javelin thrower, recently opened a new hospital and medical center for alcoholism in Los Angeles. Available in the center is an Olympic Room, which can be used for meetings by track nuts in the Los Angeles area... Herb Elliott says his performances may deteriorate while he attends college in England because coach Percy Cerutti stayed in Australia. "Any teaching he has got, I have learned," Elliott says, "but he does more than teach. He inspires. His letters are quite good, but there's nothing that replaces the actual person. I've got the inspiration of Percy as he is, which makes him unpopular with people in authority. They say that if Percy had tact he'd get support from the government. With tact, he wouldn't be Cerutti."

Olympic champion Bill Nieder, who recently was forced to retire because of a knee injury, has signed a contract to play Jack Dempsey in a forthcoming movie. The army has granted Nieder's request that he be released from the service because of the injury... Abilene Christian coach Oliver Jackson has been named the school's "outstanding alumnus of the year" for 1960... the National Collegiate Athletic Assn. recently ruled that foreign athletes who had competed in their own countries after their 20th birthdays now will have that counted against them in determining eligibility for NCAA championships. It doesn't affect those who are now students at American colleges... C.W. Post

College in New York is putting in a rubberized all-weather track, using the Westervelt Perma-track covering which also been used on the field event areas at Princeton, West Point, Villanova, Boston University and Manhattan College.

Two English milers will enroll at Occidental in February. They are Richard Jones, who has run 4:02.8, and Peter Meyers, who has done 4:11... high jumper Valeriy Brumel of Russia hopes to clear 2.25 meters (7'4 1/2") in 1961... the goals for Australian miler Herb Elliott in 1961 are 3:33 in the 1,500 meters and 3:51 in the mile... the Helms Athletic Foundation recently named Wilma Rudolph as the top athlete in North America. Abebe Bikila of Ethiopia was named the winner for Africa while Livio Berruti, Olympic 200-meter champion, was given the top athlete award for Europe. Olympic 800-meter champion Peter Snell of New Zealand was presented with the award for Australia... it's reported that next summer's dual meet between the U.S. and Germany will be held in Cologne.

A recommendation recently passed by the National AAU track and field committee is that wherever possible finish judges should stand at least 16 feet (instead of six feet) away from the track. The same recommendation also is made for timers... the National AAU Decathlon Championship will be held in Albuquerque, N.M. on a date to be announced... the AAU 1961 Pentathlon Championship was awarded to the Rocky Mountain Assn. at a site and date to be determined... in other AAU awards, the all-around meet will be held in Baltimore on a date to be announced, the relay championships will be held in Buffalo, N.Y. on a date to be picked later, the 3,000-meter team race will be held in Baltimore on a date to be announced and the 1961 Senior Women's Championships will be held in Gary, Indiana, on a date to be selected later... the National AAU Senior 15-Kilometer Road Run will be held in Chicago on July 1 and it's reported the race will be held in conjunction with the proposed dual meet between the U.S. and Poland, slated for Chicago on July 1-2.

Dick Howard, a bronze medalist in the intermediate hurdles at the Olympics, has signed a professional football contract with the Dallas Cowboys... the homecoming queen at Ohio State University was Marlene Owens, 21-year-old daughter of track great Jesse Owens... Jim Beatty says most of his races in 1961 probably will be miles, the distance he prefers. He feels he can run faster than his American 5,000-meter record of 13:51.7 and thinks he could have run 13:45 in the Olympics had his training not been interrupted by a foot injury prior to the Games... Larry Snyder, Ohio State coach who also was head track coach on the 1960 Olympic team, was injured on Jan. 7 in an automobile accident near Youngstown, Ohio. He suffered cuts on the nose and left cheek and a possible chest injury.

The National AAU outdoor title meet will be held in New York City on June 23-24. All-weather composition runways will be installed in Downing Stadium on Randall's Island, site of the meet... Germany's Olympic 100-meter champion, Armin Hary, recently was suspended until Dec. 31, 1961 for several charges, including padding of expense accounts. He was barred from meets for a year by the disciplinary board of the Hesse Track Assn. However, the German Track and Field Federation legal committee reduced the suspension to a little more than four months, thus making Hary eligible for competition on May 7... another top German trackman, hurdler Martin Lauer, was barred from racing in German and international meets until May 31 for making public remarks damaging to the reputation to the association... in Manila, Philippine Islands, recently officials at a track meet wouldn't let Olympic sprinter Mona Solaiman run "in fairness to other runners." But this didn't stop Mona. She entered the shot put and proceeded to set a national record of 42'8".

Don Bowden, America's first sub four-minute miler, plans to compete again in 1962 but probably won't run this year. He is aiming for the 1964 Olympic team and probably will limit himself to the 880. He suffered a torn Achilles tendon last June and was operated on last summer. Doctors believe the ankle will return to full strength. Bowden gets out of the army later this year and then plans to enter law school at the University of California... Russian high jumpers Valeriy Brumel and Robert Shavlakadze are slated to arrive in New York City on Feb. 14 to compete in three indoor meets against John Thomas... among those who attended the premiere of the official 1960 Olympic Games film in Rome was Olympic marathon champion Abebe Bikila, who ran barefooted during the race. However, he wore shoes at the movie... the University of Oregon selected hurdler Spike Arlt of Washington State as the outstanding athletic opponent their athletes met during the 1960 season. This is a new award to be given each year... quarter-miler Jack Yerman goes into the army on March 6.



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of People and Things

By Bert Nelson

Unless he has been misquoted, Avery Brundage has done it again. I'm not one of the everything-Avery-does-is-wrong gang, for I think the International Olympic Committee president has done as much good for amateur sport as any man, and much more than most. But, almost as if he enjoys it, Brundage has a real talent for inviting criticism.

His latest brainstorm, to use the word loosely, is a suggestion that gold medal winners be barred from further Olympics. The "thought" is that this will enable more athletes to compete. So silly is this idea, in view of the numbers involved if for no other reason, that it needs no comment. But it does suggest the thought that if the IOC sincerely wants to improve the Olympics there are a number of immediate fields of action.

One has to do with what is called nationalism. The Olympics were founded as a contest among individuals. Brundage and his fellow IOC rulers decry the ever increasing accent on what the various countries do, and I'm with them. But the IOC people refuse to even consider one rule change which would do much to focus attention on the individual aspect of the Games. I'm thinking of the athlete without a country, the displaced persons who cannot compete because they are not citizens of the country in which they live. Laszlo Tabori is a prime example. Having once competed for Hungary, but now a political refugee, this fine runner is for all time denied another chance. Why shouldn't he, in a contest supposedly for the individual, be allowed to compete? With the advent of qualifying standards for the Games it would be an easy matter to limit the entries to qualified athletes. Only a few athletes are involved, but the principle is clear. I have written both Brundage and IOC Chancellor Otto Mayer about this and both have agreed that it is too bad that these displaced persons cannot compete. But, they say, "we would have to change too many rules to make it possible." And here I always thought records were made to be broken and rules created to be changed.

Another rule that clearly needs changing is the outmoded one that says marks made in Olympic field event preliminaries will not count in the final standings. Sometimes the man who has the best mark of the Games doesn't win. A perfect example is the 1960 javelin, where Janusz Sidlo did 279'4" in the qualifying round, yet went unplaced behind Viktor Tsibulenko's winning 277'8" in the final. Under Olympic rules Sidlo's great qualifying toss not only did not count in the finals but did not even help him reach the final three throws.

And while still on rules, I hope the track world will put a quick damper on the IAAF's proposed revision of the broad jump rules. Track's supreme rule makers are experimenting with the use of a "step-off" board, one meter wide. Marks will be measured from the front of the most advance foot, rather than from the front of the take-off board. I'm against this rule for at least two reasons. It radically changes the conduct of an event for no good reason. True, present rules do not give us the exact distance jumped. But this is true in all field events and if one arbitrary restriction is removed, all should be. The javelin should be measured from where thrown, not from the scratch line. The rings should be eliminated from the shot, discus and hammer, measuring from the forward foot. The high jump and pole vault could be measured electronically or otherwise, to show the height cleared, not the height of the bar. And then how about the hop-step-jump? Isn't the take-off problem there identical with that of the broad jump? My second reason is that in eliminating the take-off board we would be eliminating one of the few elements of skill in the broad jump which already is the field event with the least requirement of skill.

OF PEOPLE AND THINGS

Question: In what one event do most present day decathlon aces excel?
Answer: The high hurdles. Of the eight best of all time, ranging from Rafer Johnson's 8683 to Bob Mathias' 7887, all but the two Russians have broken 14 in the highs. Johnson 13.8, Yang 13.9, Edstrom 13.8, Lauer 13.2, Campbell 13.4, Mathias 13.8. Kuznyetsov has a best of 14.4 and Kutynenko is slower.

"I don't feel that we should include more Olympic events in our track meets. If we did that we'd improve, certainly, but how would the other countries feel about more U.S. victories? The Games should remain an individual competition. Nationalizing the affair is not the answer." The speaker? Larry Snyder, head U.S. Olympic coach. I couldn't disagree more, and for exactly the same reason Larry gives for an opposite conclusion. I feel the individual should have a chance to do his best, and we haven't given a fair shake to those individuals who prefer, or who are best in, the steeplechase, long distances, hop-step-jump, hammer, and intermediate hurdles.

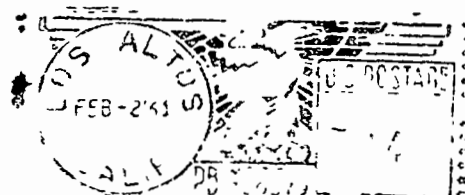
It's about time the IAAF takes up the matter of official indoor world records. Indoor track is spreading rapidly throughout the world. Japan is having its first ever meets. Russia takes indoor track quite seriously. Germany's program is expanding, embracing at least four cities and a national championship meet. Britain is getting in the act with a big meet this year. And France and other countries have programs. Somebody must take the lead in recognizing records and the IAAF is the logical body.

But then I also feel that the IAAF should change its rule stating that a world record must be made outdoors. If a track or field mark is made on a ground surface, rather than boards, I see no reason why the athlete should be penalized because he has a roof over his head.

And let's ask the IAAF to change its rule on the wearing of numbers. In international meets under IAAF rules the athletes must wear numbers both front and back, and this is very good (we should do it in all our meets). But there is an exception, the vaulters being allowed to skip the number on the chest for obvious reasons. My suggested change is that high jumpers who are now required to wear a number on the chest also be excepted.

Last month I suggested that measuring the shot from ground level to the top of the toe board distorted the actual distance. I had asked a math prof what difference it would make and he figured about two inches in 60 feet. Well, the prof was wrong and the suggestion makes no sense. For the difference is about one-sixteenth of an inch.

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| 2. Walt Maxwell, UCLA | 30:37 |
| 3. Bob Carman, CCAC "A" | 30:45 |
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Long Beach, Calif., Jan. 13 —

- | | |
|------------------------------------|---------|
| 100, Stomp (Orange Coast) | 10.0. |
| 2 Mile, Larrieu (Cal Poly, Pomona) | 9:19.7. |
| 11, Covelli (Cerritos JC) | 237'. |
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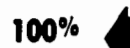
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