

NATIONAL MASTERS NEWS

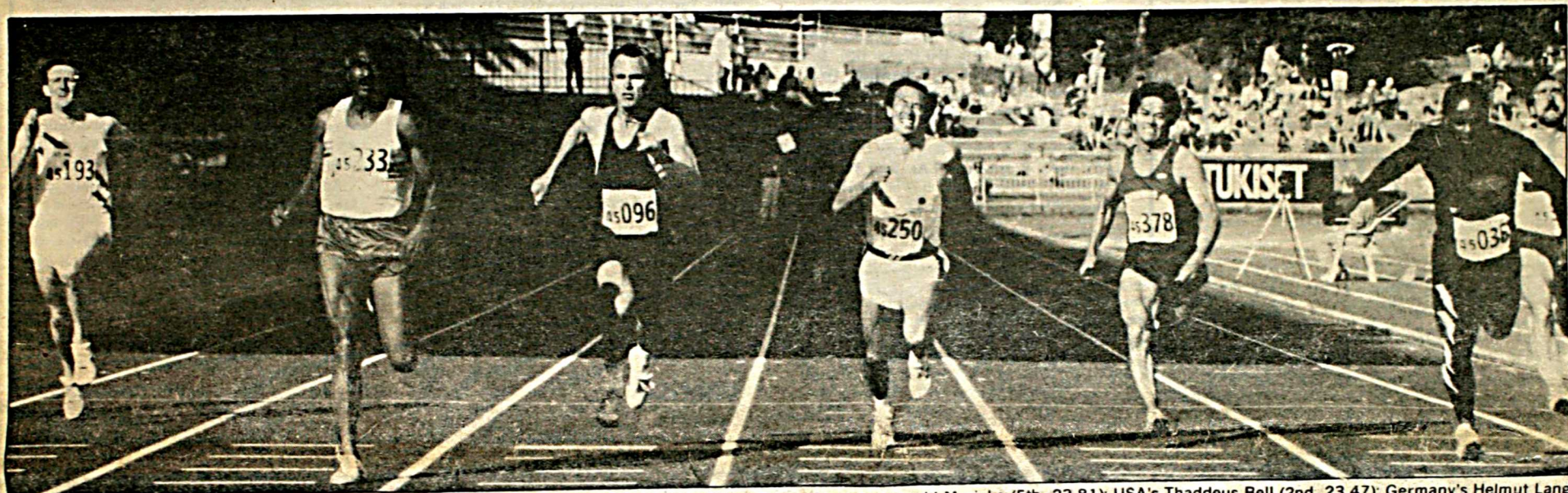
The official world and U.S. publication for Masters track & field, long distance running and race walking.

157th Issue

September, 1991

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5000 Athletes Triumph In IX WAVA World Championships



A close finish in the M45 200 in Turku. From left: Britain's John Leslie Henson (6th, 24.00); USA's Joe Johnson (1st, 23.39); Australia's Peter Crombie (3rd, 23.62); Japan's Kozabu Kaihara (4th, 23.70);

Canada's Harold Morioka (5th, 23.81); USA's Thaddeus Bell (2nd, 23.47); Germany's Helmut Lange (7th, 24.07).
Photo by Bob Watanabe

Turku, Finland Hosts Successful Competition

Following Eugene in staging a World Veterans Championships is like a singer following Pavarotti; a dancer following Barishnikov; a scientist following Einstein; a coach following John Wooden; a child following a famous parent.



Germany's blind Fritz Assmy, guided by his grandson, won three races in Turku, setting world M75 records in the 100 (14.07) and 200 (29.07).
Photo by Bob Watanabe

You can be good. Even very good. But few will notice. Those who do will say: "Yeah, it wasn't bad, but it wasn't as good as (fill in the blank)."

Such was the situation faced by the organizers of the IX WAVA World Veterans Athletics Championships in Turku, Finland from July 18-28.

They were following an act that virtually everyone had dubbed the "best World Games ever" — the one held in Eugene, Oregon in 1989.

Well, Turku put on a pretty good show.

More than 5000 veteran athletes from 53 nations

descended on the picturesque Finnish west coast town of 160,000. They were joined by three or four thousand family members and friends.

The nine days of competition were beautifully organized. The facilities were first class. Official results were flashed on the scoreboard at the main stadium within three minutes of the event, and posted shortly thereafter. The local newspaper

carried complete results of each day's action.

The medical facilities were the finest ever seen at a veterans meet. Except for a few cool days, the weather was sunny and mild. More than 1500 caring and dedicated officials volunteered their services. They handled problems in 20 languages. Each distance runner had his or her own lap-counter. When problems arose, officials were flexi-

Continued on page 14



Australia's winning W35 4x100 relay team (50.03) of Debbie Lange, Eileen Hindle, Desley Spencer and Karen Adams.

Special World Championships Issue

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NATIONAL MASTERS NEWS

The official world and U.S. publication for Masters track & field, long distance running and race walking



Editor and Publisher: Al Sheahan
Senior Editor: Jerry Wojcik
Managing Editor: Jack Hudock
Circulation Manager: Katie Williams
Advertising Manager: Al Sheahan
Production Manager: Herman A. Neufeld
Production: American Publishing Co.
Track & Field Records: Pete Mundle
Long Distance Records: TACSTATS
Racewalking Records: Bev LaVeck
Track & Field Rankings: Jerry Wojcik
Contributing Editors: Hal Higdon, Dr. John Pagliano, Mike Tymn

Correspondents: John Boyle (FL), Alex Coffin (NC), Mike Davis (IN), Bob Fine (FL), Dick Green (IL), Carl Hammen (RI), Hal Higdon (IN), Dick Lacey (FL), Bob and Carol Langenbach (WA), Gary Miller (CA), Phil Mulkey (GA), Tim Murphy (TX), Paul Murray (NY), Jim Oaks (AL), David Pain (CA), Phil Partridge (FL), Phil Raschker (GA), Dean Reinke (FL), Bob Stone (CA), Pete Taylor (PA), Danny Thiel (LA), Scott Thornsley (PA), Mike Tymn (HI), John White (OH), Ken Young (AZ), David Zinman (NY).

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Photographers: Alex Coffin (NC), Gene Cohn (CA), Mike Davis (IN), Vic Sailer (NY), Richard Lee Slotkin (CA), Gretchen Snyder (CA), Tesh Teshima (HI), Jerry Wojcik (CA), David Zinman (NY), Hank Kiesel (FL).

Creative Art: Eugene Paasinen, Herb Parsons

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The National Masters News is devoted exclusively to track & field, long distance running, and racewalking for men and women over age 30. Each month it delivers 24 to 48 pages of results, schedules, entry forms, age records, rankings, photos, articles, training tips, and all the inside scoops and information that affect the world of masters athletics competition.

Some masters events are sponsored by TAC, the national governing body for athletics in the USA. Some are sponsored by individuals, clubs or other senior organizations.

Generally, anyone age 30 or over may come to a masters event and participate. Some events are limited to ages 40+, 50+ or 55+; (please check the schedule for details). Some events require advance registration. Some require a current TAC card (\$7 to \$11 per year, depending on the region). To inquire about a TAC card, call The Athletics Congress in

your area, or 317/261-0500. There are no qualifying standards for any masters athletics event.

NMN welcomes contributions — results, schedule info, photos, letters, articles, and opinions. Manuscripts should be typed, double-spaced, but legibly handwritten material is also acceptable. Results should be typed, single-spaced. Please include a stamped, self-addressed envelope if return is desired.

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102 World Records Set in Turku

A total of 102 pending world age-group records were set in the IX WAVA World Veterans Athletics Championships in Turku, Finland, from July 18-28.

The total approached the record 124 world marks set in the VIII World Veterans Championships in Eugene in 1989, and surpassed the 92 world records established at the VII World Games in Melbourne in 1987.

Thirty-nine records were set by men; 64 by women. Forty came in track events; 43 in field; 5 in the 5K walk; and 15 in relays.

Three nations — Germany (24), USA (18) and Finland (17) — accounted for more than half the world marks. Soviet competitors set nine records, while U.S. athletes bettered an additional 22 U.S. standards.

U.S. performers picked up 73 individual gold medals, 57 silvers and 42 bronzes — a total of 172, short of the 400 medals achieved in Eugene and the 199 won in Melbourne. In addition, U.S. relay teams garnered eight wins, four seconds and three thirds.

The outstanding caliber of the competition made it difficult to single out one or even a few performances. Breaking it down by division, with an emphasis on U.S. athletes, here's how it looked:

M40

Peter Browne of Great Britain successfully defended his title in the 800. Browne pulled away from countryman John Molloy and Finland's Heikki Vakkuri to win in 1:55.94, close to his 1989 winning time of 1:55.20. Later in the week, he won the 400 in 50.48.

•Ken Popejoy of Wheaton, Ill., won the prestigious 1500 with a strong last-lap kick in a strategic 4:02.53.

•New Jersey's Ken Brinker won the 200 (23.55) and took second in the 110 hurdles.

•Finnish Olympian Marti Vainio easily won the 10,000 (29:16.88), a bit off his WR 28:30, set in June. He defeated Mexico's Manuel Vera (29:35.27), who came back to win the 5000 in an outstanding 14:24.

•Milan Tiff repeated his Eugene triumph with a 15.20 (49-10 $\frac{1}{4}$) triple jump, and Billy Smith took second in the 100.

•The USA 4x400 relay team of Robb Bong, Rex Harvey, Brinker, and Smith won in 3:29.05.

•Viktor Semenov of the Soviet Union won both walks.

•Among the M40 Eugene gold medalists missing in Turku were Eddie Hart (100, 200), James King (400, 400H), Stan Druckrey (110H), Stan Whitley (LJ), and Wilson Waigwa (1500, 5000). All were in shape but didn't make the trip.

M45

•Ron Marcelina had never made it to a World's Vets meet, but he had been burning European tracks for years. The Dutchman lived up to his reputation, winning the 800 in a near-WR 1:56.42 and the 1500 in a tactical 4:05.82.

•Iowa's Rex Harvey won his second consecutive decathlon gold medal (M40 in Eugene) with an impressive 7821 points, the second-best decathlon performance among all age groups.

•Ireland's John Buckley (1500, 5:04.7; 5000, 31:30.42) and Finland's Eero Heman (walks) were the only other double winners in this tough bracket.

•Joe Johnson edged Thad Bell for the 200 gold (23.39) and the 100 silver, while Fred Johnston copped silver in the 110H.

•The Soviet's Mark Gelnov upped the high-jump WR to 1.92 (6-3 $\frac{1}{2}$).

M50

•New Zealand's Ron Robertson was anointed the meet's unofficial outstanding athlete of the meet by some spectators after his incredible 10,000 victory over Mexico's Antonio Villanueva. Both men broke Les Presland's world mark of 31:59.6 by nearly a minute. Robertson pulled away to win in 31:01.90, with Villanueva only three seconds behind. Robertson added a WR in the steeplechase (9:43.97) and beat Presland and Oregon's Mike Heffernan in the 10K cross-country.

•Sans Robertson, Villanueva came back to set a WR of 14:55.60 in the 5000, taking an astonishing 36 seconds off Alain Mimoun's 20-year-old record.

•Germany's Klaus Liedtke set a shot WR of 18.45 (60-6 $\frac{1}{4}$) and hurled the discus 60.90 (199-9 $\frac{1}{2}$), close to Al Oerter's world

mark.

•Australia's Reg Austin, at age 54, won the 100 (11.88), and 200 (23.55) and 400 (53.63). Look for some M55 records to fall next year. Austin is one of two athletes to win a gold medal in all nine World Veterans Championships. (Jim Vernon is the other.)

•Brazil's Nelson Gomes da Silva, second to Alan Bradford in Eugene's 800, bested Ireland's Frank Hearn in the two-lapper in 2:02.86. He came back to annex the 1500 in 4:18.33.

•U.S. gold medalists were Charley Miller

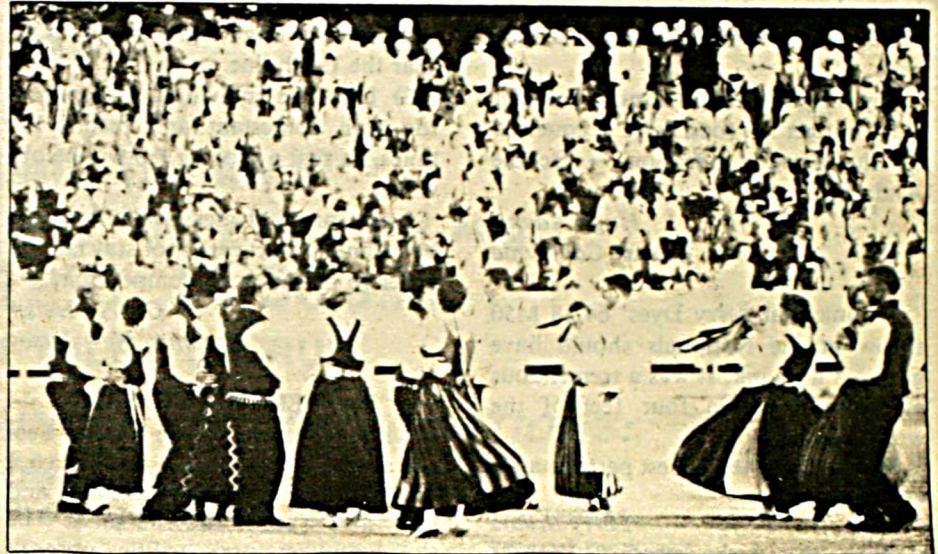
(100H, 15.02), John Dobroth (HJ, 1.78/5-10), and Jerry Dyes (JT, 59.52/195-3). Wally Sokolowski took second in the pole vault.

•Germany's Dieter Zschiesche won both walks.

M55

•Colorado's Hugo Hartenstein was in perfect form, winning the 100 (11.90) and 200 (24.25). He won a third gold by besting all other 100m division winners in the WAVA Age-Graded 100, where each run-

Continued on page 7



Local dancers perform for the athletes at the opening ceremonies in Turku.

Photo by Fred Niedermeyer

Masters Age-Graded Tables

- Keep track of your progress over the years.
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NATIONALS

My Naperville experience was the most fun I've had at a masters meet. I renewed friendships with competitors I see only at national championships. I also met several new friends I hope to see each year. I laughed more during those six days than I have for a long time.

My biggest disappointment was that I did not get the roommate I requested on the dorm application — Debbie Anderson.

*Hugh Adams
Clovis, California*

I think that Jerry Dyes' 64.38 M50 throw at the Nationals should have gotten a little ink. It was a tremendous effort, and within four feet of the world record.

He has my vote for best performance of the year.

*Larry Stuart
Lake Forest, California*

At the risk of being labeled a chronic complainer, I must comment on the National Championship 5K racewalk held July 5th at Naperville. After completing the race I was missed by the finishing line officials. I needed the corroboration of my fellow competitors to prove I was indeed in the race and finished first in my age group. I was given first position with no time because the Accutrack was not working.

I strongly suggest that better preparations be made for the racewalk at national meets. It would be quite easy if some simple steps were followed.

1) Have more heats, so that the track is not too crowded.

2) Have a large digital clock at or near the finish line.

3) Have an individual lap-counter for each contestant and record lap times, so that a missing lap will be obvious.

I am sure that most walkers would be willing to start earlier or stay later in order to have a good competition.

*George Heller
Paramus, New Jersey*

EASTERN SECTIONALS

I recently attended the Eastern Sectionals in Millersville, Pa. on June 16. I must commend Scott Thornsley and his "staff" on a well run meet. The site, volunteers and facilities were all first class, and if Scott ever runs another meet, I will definitely make the effort to attend.

*Bob Doran
Syracuse, New York*

SENIOR SPORTS CLASSIC

I was sadly disappointed in the August NMN. I achieved a PR in the M60 long jump (15-3½) at the Senior Sports Classic in Syracuse and won a bronze medal.

I had planned to apply for an All-

American patch, but only "winners" were worthy of your coverage. I consider that shallow reporting.

*Warren Doscher
Largo, Florida*

(We personally went to Syracuse to cover the meet and were given the results of the 100 and 1500, but nothing else, despite several requests. We managed to learn the winners of the other events by calling the AT&T hotline, which gave marks of the winners only. We've again requested the complete results, and hope to publish them next month. — Ed.)

DATES OF 1992 NATIONALS

Whoever set the dates of August 6-9 for next year's National Masters T&F Championships forgot to do their homework. That's the weekend of the Olympic Games.

I can't believe the organizers want to force me to choose between these two events.

Why not move to Nationals to the following weekend? That way, the people who attend will be psyched up after a week of thrilling competition in Barcelona.

*Stan Chraminski
Seattle, Washington*

(Your suggestion is well taken. An effort is being made to see if the meet can be switched. We'll have an answer next month. — Ed.)

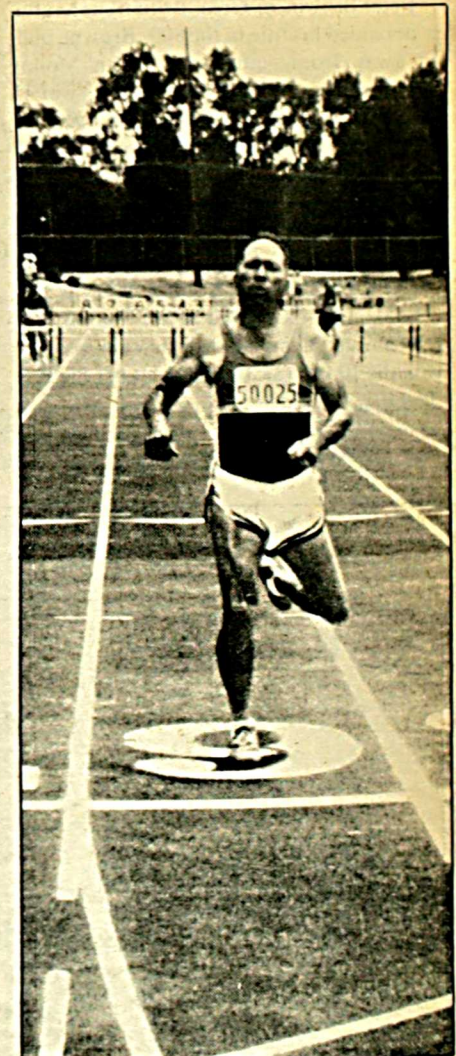
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12 Join NMN Sustainers

Each month, NMN publishes a list of "sustainers," those who help the National Masters News and masters athletics by making contributions. These extra funds allow us to publish more photos, deeper results, an in-depth schedule section, and more.

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Hugh Adams, first in the M50 400H (61.53), National Masters T&F Championships, Naperville, Ill., July 4-7. Photo by Jerry Wojcik

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CZZMN

Five Years Ago September, 1986

- 19th Nationals Draw 761 to New York City
- Canadian Chris McCubbins (30:49) and England's Priscilla Welch (34:27) Finish as Top Masters in Asbury Park 10K
- Boo Morcom Sets PV WR (12-4½) for M65s in Brown University Meet
- Rex Harvey, 40, Wins National Decathlon With 6262 Points



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Quoting The Masters Of The Masters

Over the past dozen years, I have had the opportunity to interview many of the best masters distance runners in the world. Here are some of the things they have had to say (age of runner and year of quote in parenthesis).

- "You don't have to have a burning desire. If you just hang in there, it'll come back. It's really tough to get back, though, especially when you've put those extra pounds on. It takes quite a lot of time. The most important ingredient is patience." — **Jim O'Neil** (63, 1989), who ran a 34:27 road 10K at age 60.

- "I wish I had known what hard training does for your performance when I first took on athletics." **John Gilmour** (68, 1987), holder of many world records from age 55 thru 70+, including a 4:57.1 mile at age 61.

- "I don't really enjoy racing at a lower standard, even if that standard is recognized as an age record. Having run 2:11 and several 2:12s, it's hard to be motivated to now try to break 2:20, especially when doing the 2:12s was relatively so much easier." — **Jack Foster**, (50, 1982), twice an Olympic marathoner after turning 40.

- "I began to realize around 1987 that I didn't need to do that much (170 miles a week). I was working 12 or 14 hours a day and never felt fresh. Now, I'm more rested, more balanced (at 130-140 miles)." **John Campbell** (41, 1990), after breaking Jack Foster's masters marathon record with a 2:11:04 at Boston.

- "I lived in the country when I was a child and we didn't have a car. So I did a lot of walking and cycling. My diet has always been a good one, mostly fresh foods. Perhaps it's because I haven't had much athletic experience and haven't messed my muscles around. Maybe my legs are still young." — **Priscilla Welch** (39, 1984), about to become embark on a masters career that would include a 2:26:51 women's masters record.

- "I thought once I did less mileage I'd get fewer injuries. But I still get them. I had a hamstring pull last May, and I seem to have an injury of some sort every year. Maybe it's age, I don't know. I try not to worry about my age, although I do know that it takes longer to recover now — especially from races and track sessions." — **Joyce Smith** (49, 1986), first masters woman to break 2:30 in marathon.

- "I think age is an individual thing.

If you have a young mind, it helps." — **Kjell-Erik Stahl** (40, 1986) after running a 2:12:33 third fastest masters marathon.

- "I know that I cannot run as fast now as I did a few years ago, but I know this only from the race clock. When I am running, I feel just as fast." — **Piet Van Alphen** (55, 1986), who ran a 2:22:14 marathon at age 52.

- "I greatly enjoy frequent races. I like the color, the excitement, the recognition, the challenge, the adventure. I like the places I run. And I like the people I can run with." — **Alex Ratelle** (58, 1982), who ran a 2:30:56 marathon at age 56.

- "We used to race on the weekend and just fiddle around during the week. It's a different world now. I quite believe the long, slow stuff you do now is a great foundation for running and is the major difference." — **Derek Turnbull** (62, 1989), just before 60-64 WR performances of 2:12.62 for 800 meters and 4:28.66 for 1500 meters.

- "I didn't return to regular exercise of any kind until 1968. Something turned on a switch inside of me that year and I started running again, beginning with about one mile at a time. After moving to Pennsylvania, I shifted most of my running to the track at a neighboring high school, at least when the weather permitted. I thought of running on the roads as something that one does only when ice, snow, or rain prevent track workouts." — **Norm Green** (51, 1983), before setting most of his numerous records on the roads.

- "I seem to have hit my peak at 66. I'm finding it more difficult to maintain my times and in most distances I've slowed down. This discovery is a shock to my pride, but time eventually wins. I'm trying to reorganize my training to increase my body efficiency. This is the essence of running — to realize one's potential, to get the most out of one's physical advantages and one's mental outlook. So age not withstanding, I mean to meet the challenge ad infinitum." — **Clive Davies** (68, 1983), who ran a 2:42:49 marathon at age 66.

Vera, Grayson Steam in the Boilermaker

by JERRY WOJCIK

Manuel Vera, 41, of Mexico City, won the masters men's title, and Nancy Grayson, 41, of Columbia, S.C., defended her women's championship in the Boilermaker 15K, Utica, N.Y., on July 14. Vera finished in 45:57, and Grayson in 55:15. Each collected \$1000.

Second and third masters were Artemio Navarro, Mexico City, 46:27, \$600, and Domingo Tibaduiza, Reno, Nev., 47:14, \$300. Those places in the masters women's race went to Barbara Filutze, Erie, Pa., 56:16, \$600, and Nancy Oshier, Rush, N.Y., 56:32, \$300.

Top finishers in the 50-plus



1991 Boilermaker 15K women's masters winner Nancy Grayson (55:15), of Columbia, S.C., July 14, Utica, N.Y. Photo by Guy Danella/ Photographers on the Run

- "Hey, I just run because I like to run. I've been fortunate and have broken a couple of records, but I'm not interested in traveling all over the country just to set records. My wife and I really don't care to travel. I like to compare my times with the records, and I'm happy with that." — **Frank Carter** (70, 1987) after running a 5:32.4 WR mile for men 70-over.

- "Most of the top runners seem to run their best times after about ten years of serious training. I think my improvement has been from training whereas a younger runner gets stronger with age as well. Sometimes I wonder if I was 30 now and had eight good years of road running behind me what I could do. But, of course, I'll never know. I'm running my fastest times ever now and I hope to run faster, but this is only because of the accumulation of training over several years." — **Cindy Dalrymple** (40, 1982), as she was beginning a string of 75 consecutive masters victories.

- "I recognized that I had a lot of pent-up energy that wasn't being expended. I tried swimming but that didn't work. Then a niece suggested that I try jogging. At first, I thought it was a crazy idea, but then I invested in some tennis shoes and shorts and started out by walking stretches in the sun and running in the shade. I found that I felt better almost immediately and I've run just about every day since." —



1991 Boilermaker 15K masters winner Manuel Vera (45:57) of Mexico City, July 14, Utica, N.Y. Photo by Guy Danella/ Photographers on the Run

categories were Fay Bradley, Washington, D.C., 53:44, \$400, and Gina Faust, Woodland Hills, Calif., 65:38, \$400.

Running well but out of the money were John Dugdale, Danbury, Conn., M55 winner in 56:03, and Gudrun Philips, NYC, W55 victor with a 68:35.

Winners overall were Utah's Ed Eyestone (44:10) and England's Jill Hunter (48:19), who collected \$3000 for first place and \$1000 for bettering the course record (by a full two minutes). The race, which is run every second Sunday in July, had a \$25,000 total purse.

The record field was limited to 4100. There were 3646 finishers. □

Sister **Marion Irvine** (53, 1983), multi-record holder on the roads and track.

- "I found it a little difficult at first, but I don't get that concerned about it now. I accept that I can't run as fast as I did 10 or 20 years ago. I now compare what I do and can do with others my age." — **Ray Hatton** (57, 1988) who ran a 4:30.8 mile at 49.

- "At the risk of seeming smug, I don't feel that aging has affected me physically or mentally. I've slowed down a bit, but not much. I have a few nagging injuries that bother me from time to time, but it's no big deal. Sometimes it seems I can't remember names and faces, but that was true when I was younger." — **Hal Higdon** (58, 1989), who set many American road and track records during his 40s and 50s.

- "...mentally, I'm the same as ever. But the legs can't take the same grueling workouts day after day. They need more rest. I'm doing as well as my body permits." — **Peter Mundle** (60, 1987), pioneer masters runner who set many records during the 1970s.

- "You have to create your own goals and your own motivation in whatever way you can. I guess the psychologists call it 'reframe.' You have to reframe your attitude toward what you're doing. That's basically what I'm doing." — **Frank Shorter** (39, 1986), former Olympic marathon champion about to enter the master arena.

102 World Records Set in Turku Continued from page 3

ner received a distance handicap, based on his age-group. Hartenstein overtook Ahti Pajunen (M80), Bernie Hogan (M70) and Hugo Schlegel (M65), and held off Reg Austin (M50) and Kazabu Kaihara (M45) to win in 10.55.

•Austria's Horst Mandl set a HJ WR (1.77/5-9½) and also won the long (6.09/19-11¼) and triple (12.73/41-9) jumps.

•Cliff Pauling held off fellow New Yorker John Conner to win the 800 (2:10.55).

•Bill McWilliams was the other U.S. gold medalist, besting Austria's tough Hans Potosch in the hammer (52.24/172-4).

•Trinidad's Ralph Romain, despite

favoring a sore leg, devoured his 400 field with the long strides of a 25-year-old to win in 53.41, close to his WR of 52.6.

•U.S. athletes won nine bronze medals in this division: Pauling (400), Conner (1500), Phil Mulkey (100H, decathlon), Max Green (20K-W), Phil Conley (JT), Dave Jackson (TJ), Nick Newton (HJ), and Alan Fairbrother (SC).

•The U.S. 4x100 relay team of John Darrell, Matt Brown, Newton and Hartenstein set a new WR of 47.94.

•U.S. athletes in this division won 15 individual medals, more than any other division.

M60

•Germany's Wilhelm Selzer broke Jack

Greenwood's 400 WR with a sensational 57.36, and added the gold in the 200.

•Italy's Luciano Acquarone set a 10,000 WR of 34:14.88, and lowered Derek Turnbull's world M60 marathon best of 2:38.42 to 2:38.15.

•Pennsylvania's Jim Sutton set two U.S. marks with come-from-behind wins in the 800 (2:13.98) and 1500 (4:32.09).

•Germany's Herman Strauss won the long (5.49/18-0) and triple (12.33/40-5¼) jumps, the latter a WR.

•Indiana's Hal Higdon, author of *The Masters Running Guide*, won his fourth

world vets gold medal with a 7:42.08 in the 2000 steeplechase. Sixth and seemingly out of it for most of the race, Higdon ran his penultimate lap 20 seconds faster than his early laps to move to fourth. He kept the pressure on, *hurdlng* the 36" barriers over the last two laps (he had stepped over them in the early laps to save energy). He took the lead at the final water jump and drew out, raising his hand in triumph at the finish line and kissing the track (his traditional "end-zone" signature). Fellow athletes scurried to his book to re-read the chapter

Continued on page 8

Turosz, Chiavelli Best in Sri Chinmoy Games

from LAHORY BRUMMELL

VICTORY FIELD, FOREST HILLS, N.Y., July 14 — With only two years of track and field competition to her credit, Polish-born Zofia Turosz, 53, swept the women's field in the 7th annual Sri Chinmoy Masters Games to win the outstanding athlete award with 34 points. Men's winner was Giorgio Chiavelli, 60, who totaled 20 points.

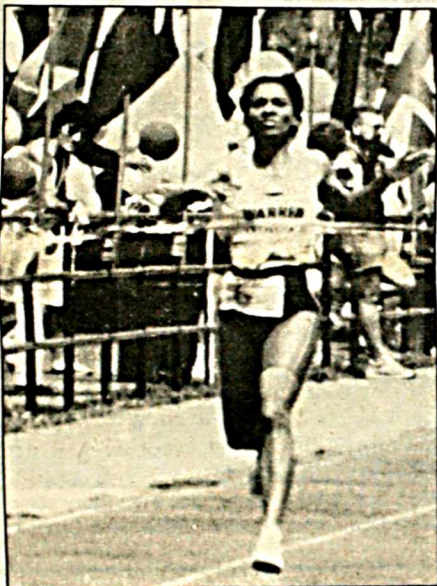
Turosz and Chiavelli were up against a highly competitive field of 130 athletes ages 45 to 84, who pushed each other to 53 meet records under warm but overcast skies.

Turosz, an established distance runner in her 40s in her native Poland, won acclaim in the U.S. after moving here five years ago, placing first in her age group in the Boston Marathon (2:52) in 1987, and Los Angeles Marathon (3:13) in 1990.

Chiavelli bases his athletic strength on a background of competitive gymnastics, but a fall from improperly secured bars three years ago prompted a switch to track and field.

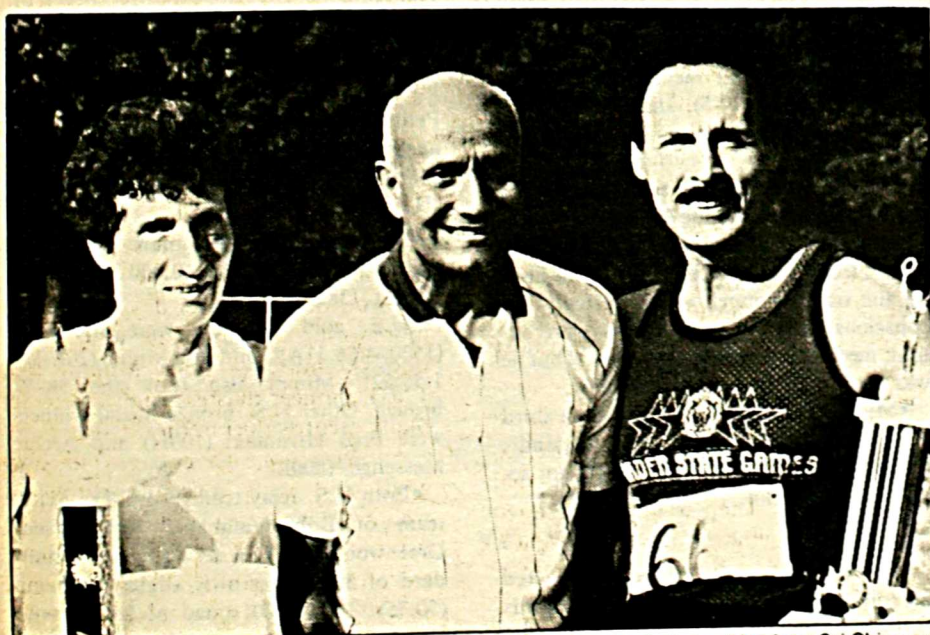
The games began with a Grand March passed the viewing stand, led by

the Auerbach sisters, Pearl, Rose, and Sylvia, who carried a lighted torch, symbolic of the International Sri Chinmoy Peace Run, currently in progress through 70 countries. Sri Chinmoy was on hand to give out the awards. □



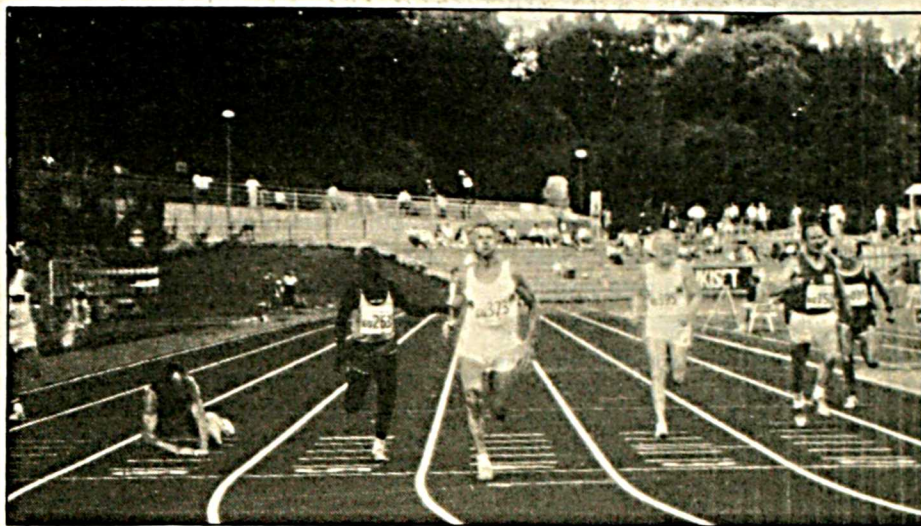
Marilyn Mitchell 48, wins the 200 (28.22), in the 7th Annual Sri Chinmoy Masters Games, July 14, Forest Hills, N.Y.

Photo by Sri Chinmoy Marathon Team



Overall winners Zofia Turosz, 53, and Giorgio Chiavelli, 60, receive their trophies from Sri Chinmoy (c) at the 7th Annual Sri Chinmoy Masters Games, July 14, Forest Hills, N.Y. Turosz and Chiavelli amassed 34 and 20 points respectively over a field of 130 competitors, ages 45-84.

Photo by Sri Chinmoy Marathon Team



USA's John Poppell goes down a few meters before the finish line in the M60 200 in Turku. Germany's Wilhelm Selzer (373) won in 26.05, followed by Guyana's Cliff McPherson (263), Germany's Heinz Strickstrack (395), Finland's Lars Ingves (150), Germany's Manfred Jericke (far left), and Norway's Knut Bergesen (far right). Poppell was taken to the hospital as a precautionary measure, but was up and around the next day.

Photo by Bob Watanabe

Fourth Annual

SRI CHINMOY MASTERS TRACK & FIELD 45 AND OVER

Sunday, September 22, 1991 ♦ University of California, Irvine

<p>TAC SANCTIONED DATE: Sunday, September 22, 1991 LOCATION: University of California, Irvine DIRECTIONS: Fwy 405 (or 5) to Culver Blvd., south to Campus Drive, right on Campus Drive to Bridge Road, left on Bridge Road to parking lot 6 or 6A. DIVISION: 5 year age division. ENTRY FEE: First event \$10.00, additional events \$6.00 each. Includes multi-colored t-shirt. No refunds. DEADLINE: All entries must be postmarked no later than September 12. Complete entry form information may be phoned in as late as Sunday, September 15. Late entries add \$1.00. AWARDS: Sri Chinmoy Race medals to first three men and women in each event and age group. AID: Water, fruit and refreshments throughout day to participants.</p>	<p>TRACK EVENTS 11:00 am 3000m Run 11:30 am High Hurdles (80/100/110) 12:00 pm 800m Run 12:15 pm 100m Run 12:45 pm 400 m Run 1:00 pm 1500m Run 1:15 pm 300m Int. Hurdles (400 if req.) 1:30 pm 200m Run 2:00 pm 5000m Race Walk (comb.)</p>
<p>FIELD EVENTS 10:30 am Hammer 11:00 am Long Jump 12:00 pm Javelin 1:00 pm High Jump 1:15 pm Shot Put 2:00 pm Pole Vault 2:30 pm Discus</p>	

Mail Entry To: Sri Chinmoy Marathon Team, 1921 S. Sherbourne Dr., Los Angeles, CA 90034. Sponsored by SCMT. For more information please call (213) 838-4746.

ENTRY FORM

Mail or call in to the Sri Chinmoy Marathon Team, 1921 S. Sherbourne Drive, Los Angeles, CA 90034 Phone: (213) 838-4746

NAME (Last) _____ (First) _____ AGE _____ SEX _____

DATE OF BIRTH _____ TAC # _____ TELEPHONE _____


ADDRESS _____ CITY _____ STATE _____ ZIP _____

T-SHIRT SIZE: SMALL _____ MEDIUM _____ LARGE _____ X-LARGE _____ AMOUNT ENCLOSED _____

PLEASE ENTER ME: 1) _____ 2) _____ 3) _____
 4) _____ 5) _____ 6) _____

WAIVER: In consideration of your acceptance of my entry, I hereby for myself and executors waive, release and forever discharge any and all claims for damages which I may have, or may hereafter accrue, against UC Irvine, the Sri Chinmoy Marathon Team, and all other sponsors and sports facilities or their officials or agents, for any damages which may be suffered by me. I certify that I am in good health and that my level of training is such that I am prepared to compete in this event.

Athlete's Signature _____ Date _____



Sorbothane[®]
A VISCO ELASTIC POLYMER II

MASTERS ATHLETE OF THE MONTH

Jack Greenwood

Last month, he shared Sorbothane Athlete-of-the-Month honors with Jim Law and Payton Jordan. This month, Jack Greenwood gets the honor all to himself.

At the IX WAVA World Veterans Athletics Championships in Turku, Finland, the 65-year-old Denver resident set three world M65 records and anchored the USA M65 relay teams to two more world record gold medals.

He won the 100H in 16.30 and the 400H in 45.20, a 102.8% on the masters age-graded scale. Then he avenged his defeat by Law in the 400 at the U.S. Nationals by holding off Law's closing charge to win in 60.23.

On the meet's closing day, he anchored the U.S. 4x100 and 4x400 teams to new world M65 marks of 50.21 and 4:49.18, respectively. For good

measure, he took home a bronze medal in the 200.

Close behind Greenwood for this month's honors were:

- Sister Marion Irvine. The 61-year-old California nun was brilliant in Turku as she won four events, setting a new W60 WR in the 10,000 (43:26.17).
- Colorado's Hugo Hartenstein, who won three gold medals in Turku: the 100 (11.90), 200 (24.25) and the prestigious age-graded 100, where he bested all other 100m winners in 10.55.
- Pennsylvania's Jim Sutton, who set two U.S. records in the M60 800 (2:13.98) and 1500 (4:32.09).
- Ken Popejoy, 40, of Illinois, who

won the M40 1500 in Turku in a tactical 4:02.53.

• Iowa's Rex Harvey, 45, who won his second consecutive world decathlon gold medal by defeating some very tough European competitors.

• California's Jim Lytjen, who slashed seven seconds off a 14-year-old WR with a sensational 2:27.57 in the M70 800 in Turku.

• Warren Utes, 71, of Illinois, who defeated the great John Gilmour in Turku and took Gilmour's 10,000 M70WR away with a fast 38:23.69. He added a WR of 18:43.61 in the 5000.

• Colorado's Viisha Sedlak, 42, who again broke her own world masters 5K racewalk record with a come-from-behind 24:17.2 in Finland. She later won the 10K road walk in 50:14.

Each month, an outstanding U.S. masters athlete is selected by the staff of NMN, based on performances in track, field, road racing and racewalking during the previous month. The winner receives a \$100 check from Sorbothane.

Sorbothane produces lightweight, shock absorbing air-infused insoles

and can be found at most sporting goods stores.

Congratulations to Jack Greenwood — the Sorbothane Athlete-of-the-Month. □



Jack Greenwood clears the last hurdle enroute to a new M65 world 300H record of 45.20.

Photo by Tom Sheahan



M65 4x100 relay winners on the victory stand in Turku. Left; Finland, 3rd; center: USA, 1st (Bob Watanabe, Jim Law, Mel Larsen, Jack Greenwood); right: Germany.

WHAT WAS YOUR FAVORITE WORLD GAMES?

If you have competed in three or more of the nine WAVA World Veterans Athletics Championships, pick out the ones where you had the best time and let us know.

Below are the nine sites and years. Mark your favorite No. 1, your next best No. 2, and so on. We'll tally the results, based on a 10-8-7-6-5-4-3-2-1 scoring system and announce the results in a future issue.

1. 1975 Toronto, Canada
2. 1977 Goteborg, Sweden
3. 1979 Hannover, Germany
4. 1981 Christchurch, New Zealand
5. 1983 San Juan, Puerto Rico
6. 1985 Rome, Italy
7. 1987 Melbourne, Australia
8. 1989 Eugene, USA
9. 1991 Turku, Finland

Comments _____

Optional:

Name _____

Address _____

City _____ State _____ Zip _____ Country _____

Mail to: NMN World Games Poll, PO Box 2372, Van Nuys CA 91404, USA.

102 World Records Set in Turku Continued from page 7

on "How to Peak," since an exhausted Higdon had virtually *climbed* the final barriers in winning the U.S. title on July 7 in a time 30 seconds slower than his Turku effort.

•Other U.S. gold medalists were Bud Held (JT, 54.02/177-3), Jim Gillcrist (HJ, 1.64/5-4½) and Jerry Donley (PV, 3.60/11-9½).

•John Poppell took silver in the 100, and was in contention for the 200 when he leaned too soon and took a nasty fall a few meters from the finish line. Hitting his head on the track, Poppell was reportedly unconscious for a few minutes. As a precaution, medics took him to the hospital but he was up and about shortly thereafter.

•Michigan's Chuck Sochor took a third in the 400 behind Selzer and England's Keith Whitaker, while Del Pickarts got second in the javelin.

M65

•Colorado's Jack Greenwood dominated his new division, setting three world records in the 400 (60.23), 100H (16.30), and 300H (45.20), and adding a bronze in the 200.

•His arch-rival, Jim Law of North Carolina, who had defeated Greenwood in

the 200 and 400 at the U.S. nationals, settled for three seconds in the 100, 200 and 400.

•Germany's Hugo Schlegel impressed with wins in the 100 (12.92) and 200 (26.08).

•Double winners included Finland's Pentti Saarikoski in the discus (49.92) and hammer (51.76WR); and Finland's Matti Jarvinen in the long (5.22) and triple (11.11WR) jumps.

•Sweden's Rune Bergman won three golds: 5000 (17:46.12), 10,000 (37:17.75), and CC (38:37).

•U.S. gold medalists were Joe King (1500, 4:56.31AR) and Bob Mimm (20K-W, 1:55:52). Mimm also took the 5K-W bronze. Other U.S. bronze medal winners were Fred Hirsimaki (100H) and Archie Messenger (800).

•Both U.S. relay teams won. The 4x100 team of Bob Watanabe, Mel Larsen, Greenwood, and Law set a new world standard of 50.21, narrowly edging Germany (50.75). The 4x400 squad of Greenwood, Law, Oscar Harris, and Rudy Valentine squeaked by the Germans, 4:19.18 to 4:19.23, in perhaps the meet's most exciting relay finish.

Continued on page 9

102 World Records Set in Turku Continued from page 8

M70

•Norway's Gudmun Skriverik set WRs in the LJ (4.98/16-4), and TJ (10.17/33-4¼), and had the most points of any decathlete in the meet (8408).

•California's Jim Lytjen slashed seven seconds off Monty Montgomery's 14-year-old world 800 standard with a 2:27.57. Lytjen also won the 1500 in a U.S. record 5:14.97.

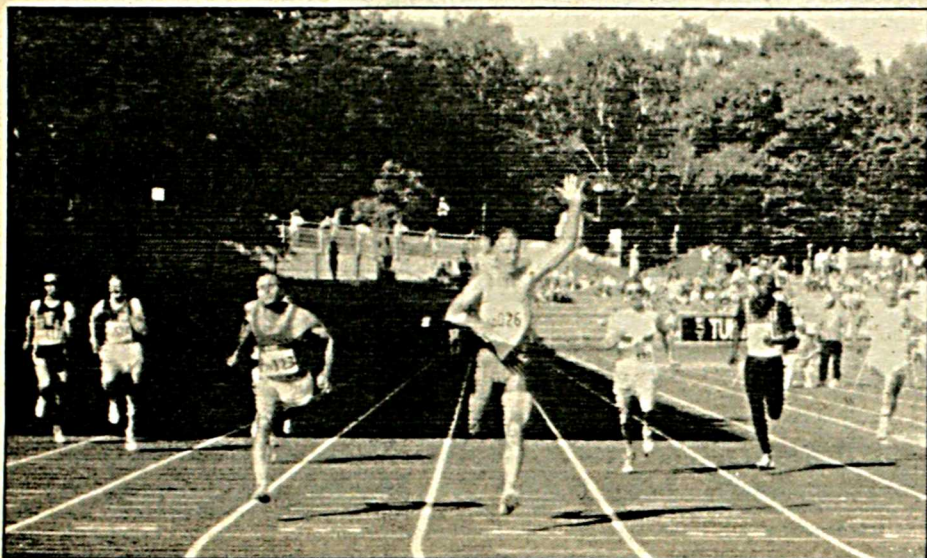
•Warren Utes of Illinois upset Australia's legendary John Gilmour in the 10,000,

breaking Gilmour's WR by 26 seconds with a fast 38:23.69. Two days later, Utes set a WR in a 5000 heat in 18:43.61. But he apparently pulled a hamstring in the stretch of the 800 finals and was out of the meet.

•In the 5000 final, Gilmour had things his own way and cruised to an easy win in 19:07.25. The next day, he won the 10K-CC in 41:11, and added a bronze in the 1500.

•Australia's Bernie Hogan, who had announced his retirement from the sport,

Continued on page 10



Australia's Reg Austin with his signature victory arm-raising in the M50 200 in Turku. From left: Oregon's Joe Thielman (8th, 25.32); Finland's Marti Rikkinen (6th, 25.11); Ohio's Harry Tolliver (5th, 24.75); Finland's Jorma Ehrstrom (2nd, 23.65); Austin (1st, 23.55); Germany's Peter Nitschke (4th, 24.62); Trinidad's Oswald Rogers (3rd, 24.62); Germany's Kurt Pientka (7th, 25.16).

Photo by Bob Watanabe



Organizers and government officials from Miyazaki, Japan meet with the WAVA Council in Turku.

Japan, Singapore Chosen to Host X and XI WAVA World Veterans Championships

The city of Miyazaki, Japan was chosen to host the X WAVA World Veterans Championships in 1993, while the city-state of Singapore was selected to stage the 1995 event.

The sites were chosen by delegates to the WAVA General Assembly on July 24 in Turku.

Seventeen meet and government officials from Japan came to Turku to present the bid on behalf of the Nippon Masters and the government of the prefecture (state) of Miyazaki. The

event will be held in August, 1993. The Japanese are skilled in the staging of track meets and road races, and will roll out the red carpet for the world's veteran athletes. Japan was the only bidder for the 1993 event.

Under WAVA's new policy of choosing a site four years in advance, Singapore presented the only bid for the 1995 meet. A motion to postpone a decision until 1993 was rejected, 38-21. Singapore intends to hold the meet in mid-June. □

WAVA/TAC Hurdles and Implements Specifications

HURDLES

WOMEN

Age	Race Distance	Hurdle Height	To 1st Hurdle	Between Hurdles	To Finish
30-39	100m	.840m 33"	13.00m 42'8½"	8.5m 27'10½"	10.5m 34'5"
40-49	80m	.762m 30"	12.00m 39'4"	8.0m 26'3"	12.00m 39'4"
50-59	80m	.762m 30"	12.00m 39'4"	7.0m 22'11½"	19.00m 62'4"
60-69 70 Plus					
30-39	400m	.762m 30"	45.00m 147'7½"	35.00m 114'9½"	40.00m 131'2½"
40-49					
50-59	300m	.762m 30"	50.00m 164'0½"	35.00m 114'9½"	40.00m 131'2½"
60-69 70 plus					

MEN

30-39		.991m 39"	13.72m 45'	9.14m 30'	14.02m 46'
40-49	110m	.914m 36"	13.00m 42'8"	8.50m 27'10½"	10.50m 34.5"
50-59	100m	.840m 33"	13.00m 42'8"	8.50m 27'10½"	10.50m 34'5"
60-69	100m	.840m 33"	13.00m 42'8"	8.50m 27'10½"	10.50m 34'5"
70 plus	80m	.762m 30"	12.00m 39'4"	7.0m 22'11½"	19.0m 62'4"
30-49	400m	.914m 36"	45.00m 147'7½"	35.00m 114'9½"	40.00m 131'2½"
50-59	400m	.840m 33"			
60 +	300m	.762m 30"	50.00m 164'0½"	35.00m 114'9½"	40.00m 131'2½"

IMPLEMENTS

AGE	SHOT PUT	DISCUS	HAMMER	JAVELIN
Women				
30-49	4.00k	1.00k	4.00k	600gms.
50 plus	3.00k	1.00k	3.00k	400 gms.
Men				
30-49	7.26k (16 lbs.)	2.00k	7.26k (16 lbs.)	800 gms. *
50-59	6.00k	1.50k	6.00k	800 gms. *
60-69	5.00k	1.00k	5.00k	600 gms.
70 plus	4.00k	1.00k	4.00k	600 gms.

*Either "old" or "new" javelin may be used

1991 TAC/USA NATIONAL MASTERS 10K CROSS-COUNTRY CHAMPIONSHIPS

E. P. "Tom" Sawyer State Park
Louisville, Kentucky
Saturday, October 26, 1991
12:00 P.M. EDT



Hosted by
Victory Athletic Club
Mason-Dixon Athletic Club
Metro Parks Track Club



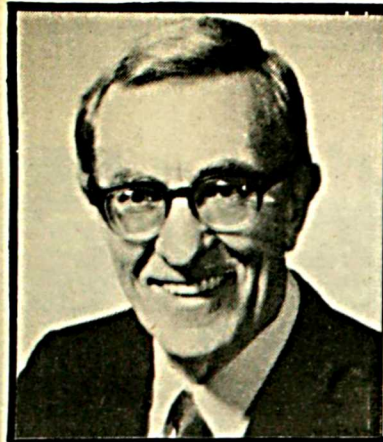
MEN'S AND WOMEN'S CHAMPIONSHIP COMPETITIONS
INDIVIDUAL COMPETITION IN FIVE-YEAR AGE GROUPS TO 95-
TEAM COMPETITION IN TEN-YEAR AGE GROUPS TO 70-

OPEN 5K RACE AT 11:00 A.M. EDT

AIRLINE AND LODGING DISCOUNTS AVAILABLE

Write for entry forms:
Masters Cross-Country Championships
1879 Douglass Blvd.
Louisville, Kentucky 40205

Information:
Gil Clark (502)456-8160 days
Bob Ullrich (502)459-6820 evenings



FROM THE Editor

by AL SHEAHEN

Reflections on an Election

So the year-long battle between Cesare Beccalli and Alastair Lynn came to an end on July 24 in Turku with the former winning, 55-49, with two votes going to Fernando Ferreira. Ninety-two WAVA delegates (from a potential of 114 world-wide) plus 14 Council members voted.

Was the long controversy worthwhile? Was this more than a battle between two strong-willed candidates?

The answer is that it was probably inevitable in the development of WAVA.

WAVA consists of traditional athletic associations — most notably in Europe but also in other parts of the world, and also of more free-wheeling associations. The latter are independent of traditional athletic attitudes and tend to view WAVA's role in more of a social scenario than in a traditional athletic fashion.

There is a place for each point of view, but it was becoming clear that with the intent of the IAAF to control WAVA's activities, fundamental decisions had to be made.

This is why Lynn threw his hat into the ring. As a long-time competitor and athletics administrator, he felt that, with his veteran experience at the national level and with eight successful years on the WAVA Council, he could best represent WAVA's different groups. Events proved him to be almost, but not quite, right.

He did, however, win two important victories which should not be forgotten. The IAAF Veterans Committee (supported by Beccalli) wanted drug testing introduced in Turku. Lynn resisted this throughout his campaign. A few weeks before Turku the IAAF and Beccalli accepted his point of view. So, as Lynn had wished, it was the WAVA General Assembly which finally made the decision on drug-testing in Veterans athletics.

Second, Lynn was adamant that in a conflict over which association in a given country would be the WAVA affiliate, WAVA should make the final decision, not the IAAF. The IAAF Veterans Committee (supported by Beccalli) had favored the IAAF, but again, just a few weeks before the elections at Turku, Beccalli accepted Lynn's position.

It is the hope, and, indeed, the expectancy, of many WAVA athletes that the new WAVA Council and the IAAF will take honest note of the very

narrow margin of the vote in Turku. Notice must be taken of the substantial minority to avoid further disputes in WAVA's development.

As Lynn said in his excellent speech to the General Assembly, "WAVA comes from the grassroots, not from directives from the top."

I talked with Lynn after the election and the following is a summary of his comments:

Q. How did he feel about losing?

A. "I always knew it would be very difficult to defeat an IAAF-supported incumbent European WAVA President at an Assembly held within Europe. The Europeans are very traditionalist in their athletic attitudes and clearly wished to be under the shelter of the IAAF umbrella. Of course, I do not dispute their right to feel this way. Basically the decision rested on Europe (Beccalli) v. Rest of the World (Lynn) with the result depending on how many votes Lynn could pull out of Europe and how many Beccalli could obtain elsewhere. The factor which apparently defeated me was that the evidence points to most of the USA votes going to Beccalli. As these U.S. delegates represented what I have always considered to be a very free-thinking and grassroots movement, and considering that its convention last year voted against Bob Fine's resolution to second Beccalli's nomination for WAVA President, I find their action very strange indeed."

Q. What were the positive features of running for president?

A. "There were many...winning the right for the WAVA General Assembly to decide on drug-testing, winning the amendment to give the WAVA Council the ultimate right regarding confirmation of WAVA Affiliates, the vast number of friends I found world wide and the dedicated support these individuals gave (despite at times intense pressure to vote differently), and, of course, the tremendous support and encouragement extended to me by the Canadian Masters Athletic Association."

Q. Would you run again for President?

A. "Very unlikely. The commitment of time, the expense and the degree of stress are very considerable."

Q. Finally, if you could have foreseen something of the future when you decided to run would you still have decided to be a candidate?

A. "A very short answer to this one...YES!" □

102 World Records Set in Turku Continued from page 9



The scoreboard at the Turku Stadium flashed entries and results within three minutes after the event.

looked as good as ever to win the 100 (13.93) and 200 (28.61).

•Walter Dahlin took the 300H (55.20) and HJ (1.38/4-6).

•California's Jim Vernon won his 9th consecutive World Veterans pole vault gold medal with a vault of 2.70/8-10¼.

•New Hampshire's Boo Morcom won four bronze medals (300H, PV, LJ, DEC).

•Don Dilworth picked off a silver in the steeple, while New Jersey's Don Johnson took home two bronze medals in the walks.

•The U.S. 4x100 relay squad was disqualified for passing out of its lanes, but the 4x400 foursome of Jim Manno, Jay Sponseller, Ed Matthews, and Bob Hunt won the gold in 4:50.33.

M75

•Germany's Fritz Assmy, blinded before World War II in an airplane crash, won three races, setting WRs in heats of the 100 (14.06) and 200 (29.07), and capturing the one-lapper (69.96). Always assigned lane 8 by meet officials, Assmy was guided around the track by his grandson with a short wrist

tether. As usual, he was a favorite of the crowd.

•Double-winners included Finland's Toivo Perttu (1500/6:13.06; 10,000/46:01.74); Japan's Mazumi Morita (LJ/4.35; TJ/9.31); Finland's Esko Kolhonen (SP/11.81; HJ/1.35); the USA's Bill Tallmadge (5K-W/32:48.07; 20K-W/2:19:26); and Belgium's Andre Ossalaer (CC/49:07; marathon/3:47:30).

•California's Herb Miller won the 80H (15.37) and took the bronze in the 100. Silver medals were taken by Bob Boal (SC) and Ross Carter (SP, DT), while Leon Joslin garnered a bronze in the discus.

M80

•Three men dominated this division: Finland's Ahti Pajunen captured six golds (100, 200, 80H, PV, LJ, TJ); Maryland's Ed Benham garnered five (800, 1500, 5000, 10,000, CC); and Finland's Otto Renvall won three (SP-WR, DT-WR, HT).

•California's Chick Dahlsten took home three silvers behind Benham in the 1500,

Continued on page 12



Marathoners run by the Aura River in Turku. From left: Finland's Karl-Eric Westman, 45; Germany's Hans Zipfel (2nd M60 in 2:48:22); Greece's Panayothis Skoulis (7th M55 in 2:56:22).

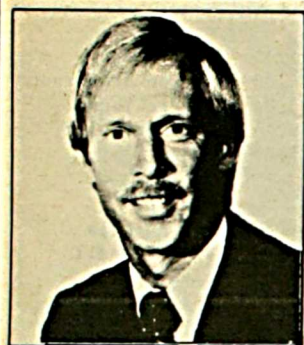
Photo by Bob Watanabe

PENDING NEW WORLD RECORDS SET IN IX WAVA WORLD VETERANS CHAMPIONSHIPS IN TURKU, FINLAND - JULY 18-28, 1991

Event	Div.	New Mark	Name	Nation	Old Mark	Held by	Event	Div.	New Mark	Name	Nation	Old Mark	Held by
100	M75	14.06	Fritz Assmy	GER	14.3	Joe Packard	DT M70	47.76	Kauko Jouppila	FIN	47.70	Olav Reppen	
200	M75	29.07	Fritz Assmy	GER	29.5	Joe Packard	DT M80	37.86	Otto Renvall	FIN	34.08	Karsten Broderson	
200	M90	44.77	Murthy Narayana	IND	48.6	Collister Wheeler	DT W50	44.48	Ljudmila Hmelevskaja	URS	43.54	Valerie Young	
400	M60	57.36	Wilhelm Selzer	GER	57.64	Jack Greenwood	DT W75	20.84	Annchen Reile	GER	19.44	Hanna Gelbrich	
400	M65	60.23	Jack Greenwood	USA	61.29	Tom Hishon	DT W85	13.80	Irja Sarnama	FIN	None		
400	M90	1:59.76	Murthy Narayana	IND	2:00.2	Paul Spangler	HT M65	51.76	Pentti Saarikoski	FIN	48.84	Eino Antilla	
400	W50	62.89	Brunhilde Hoffman	GER	63.2	Anne McKenzie	HT W40	42.12	Inga Faldager	DEN	34.90	Trish Connell	
400	W55	65.46	Carolyn Cappetta	USA	66.99	Irene Obera	HT W50	41.86	Helen Searle	AUS	41.84	Helen Searle	
400	W60	67.97	Ann Cooper	AUS	69.00	Ann Cooper	HT W55	40.82	Antonina Ivanova	URS	37.34	Jutta Schaefer	
							HT W70	29.40	Ilse Bellin	GER	24.97	Hanna Gelbrich	
							HT W85	15.48	Irja Sarnama	FIN	None		
800	M70	2:27.57	James Lytjen	USA	2:34.5	Monty Montgomery	JT M85	22.94	Masami Okazaki	JPN	19.02	Buell Crane	
800	W55	2:37.42	Edeltraud Pohl	GER	2:42.03	Valborg Ostberg	JT W50	44.90	Elvira Ozolina	URS	43.82	Gertrude Schonauer	
1500	W55	5:12.43	Edeltraud Pohl	GER	5:15.7	Jean Albury	JT W60	32.24	Janina Pakyte	URS	31.40	Joan Ogden	
1500	W75	7:06.13	Johanna Luther	GER	7:09.72	Johanna Luther	JT W65	26.54	Totti Kasekamp	URS	25.80	Hanna Gelbrich	
1500	W80	8:36.90	Anne Clarke	USA	11:09.2	Anne Ward	JT W75	22.70	Hanna Gelbrich	GER	22.62	Irja Sarnama	
							JT W85	13.74	Irja Sarnama	FIN	None		
5000	M50	14:55.60	Antonio Villanueva	MEX	15:31.0	Alain Mimoun	5K-W M50	22:33.7	Dieter Zschiesche	GER	22:52	Maurice Hinton	
5000	M70	18:43.61	Warren Utes	USA	18:46.62	John Gilmour	5K-W M55	22:44.5	Vlad. Golubnitschij	URS	24:16	Max Green	
5000	W45	17:40.77	Elaine Statham	GBR	17:45.03	Joan Colman	5K-W W40	24:17.2	Viisha Sedlak	USA	24:38	Viisha Sedlak	
5000	W70	24:34.32	Lenore Marvin	CAN	24:52.83	Pat Dixon	5K-W W50	25:54.7	Veino Heikkila	FIN	26:36	Joan Hooper	
							5K-W W80	38:02.2	Margit Lindgren	SWE	38:23	Polly Clarke	
10000	M50	31:01.90	Ron Robertson	NZL	31:59.6	Les Presland	4X100 M45	44.74	Germany		45.44	USA	
10000	M60	34:14.88	Luciano Acquarone	ITA	34:23.0	John Gilmour	4X100 M55	47.94	United States		48.73	USA	
10000	M70	38:23.69	Warren Utes	USA	38:27.0	John Gilmour	4X100 M65	50.21	United States		None		
10000	W45	37:05.16	Elaine Statham	GBR	37:34.45	Elaine Statham	4X100 M75	63.57	Finland		None		
10000	W60	43:26.17	Marion Irvine	USA	43:58.66	Shirley Brasher	4X100 W40	49.45	Germany		50.23	USA	
10000	W75	53:13.63	Johanna Luther	GER	53:20.50	Johanna Luther	4X100 W45	53.05	Germany		None		
100H	M65	16.30	Jack Greenwood	USA	16.4	Albert Van Zyl	4X100 W55	61.72	Germany		None		
80H	M70	14.42	Hans Gilli	SUI	14.50	Al Guidet	4X100 W60	57.88	Germany		59.72	Australia	
80H	W55	13.30	Corrie Roovers	HOL	14.06	Elzbieta Kresinska	4X100 W65	67.20	Germany		None		
80H	W75	27.89	Rosaline Sole	NZL	33.66	Irja Sarnama	4X100 W70	80.77	United States		None		
300H	M65	45.20	Jack Greenwood	USA	47.82	Arne Petersson	4X400 M65	4:19.18	United States		None		
300H	M75	59.89	Reino Taskinen	FIN	60.78	Gilberto Gonzales	4X400 M75	5:54.11	Finland		None		
300H	M80	75.99	Erkki Haapalainen	FIN	None		4X400 W45	4:29.58	Germany		None		
300H	W55	52.11	Corrie Roovers	HOL	55.40	Wanda Sakata	4X400 W50	4:35.77	Germany		4:36.65	USA	
300H	W60	59.78	Betty Vosburgh	USA	65.1	Isabel Hofmeyr	4X400 W55	5:07.58	United States		None		
300H	W65	68.23	Eise Laine	FIN	None								
3K-SC	M50	9:43.97	Ron Robertson	NZL	9:50.96	Nils Undersaker							
2K-SC	W35	7:48.32	Victoria Adams	NZL	8:21.13	Maria Hiller							
2K-SC	W45	7:38.08	Margaret Orman	NZL	7:45.96	Joan Colman							
2K-SC	W55	9:52.25	Sally Strazdins	USA	9:52.28	Sally Strazdins							
2K-SC	W60	11:04.56	Ruth Carrier	CAN	None								
HJ	M45	1.92	Mark Gelnov	URS	1.90	Herm Wyatt							
HJ	M55	1.77	Horst Mandl	AUT	1.75	Herm Wyatt							
HJ	W55	1.43	Taisija Tshentchik	URS	1.37	Rosemary Chrimes							
HJ	W60	1.27	Elsa Enarsson	SWE	1.23	C. Wippersteg							
HJ	W80	.88	Margaret Thesleff	FIN	.88	Bertha Hielscher							
PV	M80	2.32	Ahti Pajunen	FIN	1.99	Bob MacConaghy							
PV	W45	2.10	Ingrid Miller	SWE	1.60	Barbara Stewart							
PV	W50	2.15	Madeline Bost	USA	1.40	Agnes Sterckx							
PV	W55	1.40	Dorothy McLennan	IRL	None								
LJ	M70	4.98	Gudmun Skriverik	NOR	4.93	John Alexander							
LJ	W70	3.40	Mary Wixey	GBR	3.11	Mary Bowermaster							
TJ	W80	5.22	Ruth Frith	AUS	None								
TJ	M60	12.33	Herman Strauss	GER	12.01	Jacob Rypdal							
TJ	M65	11.11	Matti Jarvinen	FIN	11.10	Amelio Compri							
TJ	M70	10.17	Gudmun Skriverik	NOR	9.79	Mazumi Morita							
TJ	W35	11.57	Arja Jussila	FIN	11.47	Eileen Hindle							
TJ	W40	12.07	Anna Wlodarczyk	POL	11.35	Phil Raschker							
TJ	W50	9.77	Helen Searle	NZL	9.66	Helen Searle							
TJ	W70	6.72	Mary Wixey	GBR	6.33	Shiela Evans							
SP	M50	18.45	Klaus Liedtke	GER	17.56	Herman Hombrecher							
SP	M80	11.00	Osmo Renvall	NOR	9.69	Karsten Broderson							
SP	W55	14.47	Sigrun Kofnink	GER	12.97	Rosemary Chrimes							
SP	W60	11.23	Marianne Hamm	GER	10.89	Marianne Hamm							
SP	W65	10.06	Totti Kasekamp	URS	10.05	Maria Van As							
SP	W70	8.12	Katrine Smildzina	URS	7.76	Hanna Gelbrich							
SP	W85	5.48	Irja Sarnama	FIN	None								

ADDITIONAL U.S. RECORDS SET IN IX WAVA WORLD VETERANS CHAMPIONSHIPS IN TURKU, FINLAND - JULY 18-28, 1991

Event	Div.	New Mark	Name	State	Old Mark	Held by
100	W60	15.03	Betty Vosburgh	GA	15.5	Josephine Kolda
100	W65	16.09	Pat Peterson	NY	16.1	Polly Clarke
200	W65	34.09	Pat Peterson	NY	34.2	Josephine Kolda
400	W60	70.28	Betty Vosburgh	GA	79.1	Helen Darnal
800	M60	2:13.98	Jim Sutton	PA	2:18.87	Dean Smith
800	W70	3:24.80	Gerry Davidson	CA	3:26.39	Marie Stafford
1500	M65	4:56.31	Joe King	CA	4:59.1	Bill Andberg
1500	M70	5:14.97	James Lytjen	CA	5:19.38	Austin Newman
5000	M50	15:41.57	Mike Heffernan	OR	15:43.58	Dan Conway
5000	M65	18:07.04	Joe King	CA	18:30.0	Bill Andberg
5000	W75	27:10.76	Algene Williams	IL	29:19.8	Bess James
10000	W45	38:10.89	Joan Colman	CA	38:19.8	Vicki Bigelow
10000	W75	56:59.33	Algene Williams	IL	89:49.8	Marilla Salisbury
80H	W60	16.45	Betty Vosburgh	GA	19.08	Shirley Kinsey
300H	W65	73.15	Pat Peterson	NY	None	
LJ	W60	4.14	Betty Vosburgh	GA	3.87	Leonore McDaniels
HJ	W60	1.23	Leonore McDaniels	VA	1.19	Leonore McDaniels
TJ	M70	9.17	Tom Kennell		8.97	John Damski
TJ	W60	7.97	Leonore McDaniels	VA	7.64	Leonore McDaniels
TJ	W65	7.04	Jo Sullivan	SC	6.64	Mary Norckauer
SC	W35	8:10.38	Kim Ruppert		None	
HT	M90	17.76	Buell Crane	ID	16.97	Buell Crane



Pagliano's Podiatric Pointers

THE FOOT BEAT

by JOHN W. PAGLIANO, D.P.M.

Calluses

Q. I'm a 53-year-old runner who's very prone to getting calluses. Should I be concerned about this or just ignore it as I always have? Also, a friend of mine said that I might not have calluses at all. Instead, he suggested they might be plantar warts. How can I tell the difference?

A. Calluses are thought to be part of the body's natural protective system — a defense mechanism against pressure trauma and friction. They are usually caused by ill-fitting shoes or an abnormal walking or running pattern.

Plantar warts appear as a small, raised lesion with tiny, black centers. They are quite painful when pinched, and can be differentiated from corns or calluses by simply shaving off the top lesion. If it bleeds, it's a wart.

Calluses, on the other hand, are diffuse thickenings of the outer layers of skin. Usually they are shallow growths that are not the result of trauma of shearing forces. Callus formation most often occurs under the ball of the foot or under the heel. In chronic cases, calluses have been superimposed over corns, creating a very painful environment.

Obviously calluses can be eliminated

by wearing properly-fitted shoes or using orthotic inserts to correct an unusual walking or running pattern.

Calluses can also be treated by shaving off the outer thick layers with a callus plane and applying topical ointments to soften the skin. For long distance runners, I suggest applying vaseline to the balls of the feet and toes prior to marathons or long runs, and advocate the use of a sock that has a high degree of cotton construction. □

(Dr. Pagliano is a runner and a podiatrist in Long Beach, California. He is a member of the American College of Sports Medicine. If you have a foot, ankle or Achilles question, write to Dr. John Pagliano, The Foot Beat, NMN, Box 2372, Van Nuys, CA 91404.)

102 World Records Set in Turku Continued from page 10



Finals of the M70 200 in Turku. From left: USA's Ed Matthews (3rd, 29.07); Australia's Bernie Hogan (1st, 28.61); Italy's Bruno Sobrero (4th, 29.29). Photo by Bob Watanabe

102 World Records Set in Turku Continued from page 10



The USA's W35 4x400 relay quartet of, from left: Jody Murray, Jacqueline Hansen, Kathy Holmstrom, and Irene Thompson.

5000, and 10,000.

•Virgil McIntyre won the HJ and took second in the 400, while LaGrand Nielsen (800) and Dick Lacey (HJ) picked up bronze medals.

M85

•Germany's Alfred Althaus garnered the 1500, 5000 and 10,000.

•New York's Konrad Boas captured the LJ (1.91/6-3) and TJ (4.60/15-1). He added a silver in the 200 and a bronze in the 100.

•San Diego's Willard Benton picked up five medals: silvers in the 400, 5000, and 10,000; and bronzes in the 200 and 800.

•Bakersfield's Sing Lum took a silver in the 100.

M90

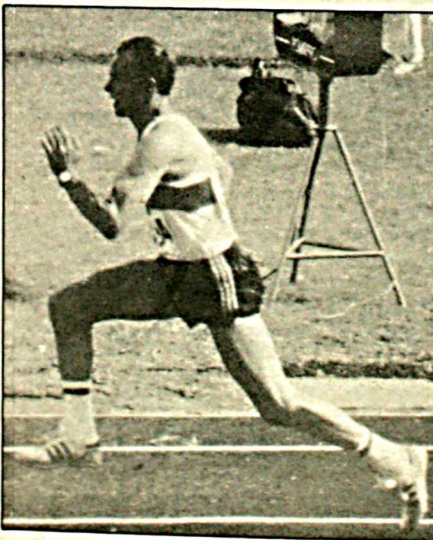
•India's Murthy Narayana was the star of this division with WRs in the 200 (44.77) and 400 (1:59.76). He also won the 100 (21.44), 800 (5:01.38) and 1500 (10:02.21).

•California's Paul Spangler chased Narayana in four events, but won three uncontested races in the 5000, 10,000 and cross-country for a maximum total of seven medals.

•Idaho's Buell Crane won the HJ (.94), LJ (2.39), TJ (4.64) and DT (17.76).

M95

•India's Joginder Singh was the darling of the media with incredible performances in the 100, shot, discus and javelin. His marks were so good, officials requested future confirmation of his age.



Germany's Herman Strauss wins the M60 long jump in a WR 12.33 (40-5¼) in Turku. Photo by Bob Watanabe



California's Joan Stratton displays her gold medal and red-nosed Finnish mascot after winning the W35 hammer in 39.10 (128-3).

•Herb Kirk won the 800 and 5000 and took second in the 200.

W35

•Britain's Sally Young impressed in this bracket with wins in the 800 (2:15.69), 1500 (4:33.14) and 5000 (16:53.01).

•Australia's Desley Spencer upset defending champ Jacqueline Apavou in the 100 (12.53), but Apavou evened the score in the 200 (25.55) and won the LJ (5.60/18-4½).

•Californians Joan Stratton (HT, 39.10/128-3) and Karin Smith (JT, 57.94/190-1) won golds over tough European competition.

W40

•Colorado's Viisha Sedlak set a new world 5K walk mark of 18:17.2, overtaking Australia's Heather McDonald with three laps to go. Sedlak also won the 20K-W (50:14).

•Atlanta's Phil Raschker won the only other U.S. medals in this division, with a winning pole vault (2.90/9-6) and a 100 silver. Raschker broke down near the finish of her 80H race, and was whisked off the track in record time by a bevy of medical personnel. She was out of the meet, and underwent arthroscopic surgery when she got home.

•Australia's Judy Daly repeated her Eugene wins in the 800 (2:15.66) and 1500 (4:37.43).

Continued on page 13

102 World Records Set in Turku Continued from page 12

•Germany's Geraldine Otto beat Raschker in the 100 (12.77) and added the 200 (26.26) and 100 age-graded race. In the latter, Otto caught Australia's Ann Cooper (W60) at the wire for a close win over the other 100m division winners.

•Finland's Sinika Keskitalo took the 5000 (17:15.49) and 10,000 (35:30.49), while Poland's Anna Wlodarczyk won the LJ (5.60) and TJ (12.07/39-7WR).

W45

•Britain's Elaine Statham set two WRs in the 5000 (17:40.77) and 10,000 (37:05.16) and won the CC.

•England's Pat Gallagher took the 800 (2:19.98) and 1500 (4:48.40), while Switzerland's Beatrice Waldis notched the 100 (13.15) and 200 (26.88).

•Australia's Marge Allison looked good winning the 400 (62.10) and 300H (68.92), and placing in the 80H.

•Margaret Orman took seven seconds off Joan Colman's steeple WR with a smooth 7:38.08, the fastest women's time of the day. Colman settled for second, and also garnered silvers in the 5000 and 10,000.

•Kathy Frable picked up silver and bronze walk medals as San Diego's Jolene Stiegerwalt copped a bronze in the 5K walk.

W50

•Germany's Brunhilde Hoffman won the 100 (13.33), 200 (27.53) and 400, where she lowered Ann McKenzie's 16-year-old record of 63.2 to 62.89.

•Madeline Bost established a new vault

record for the division with a 2.15/7-½, while Oregon's Becky Sisley took the TJ bronze.

•Australia's Helen Searle raised her own WRs in the TJ (9.77) and HT (41.86), while Germany's Friederun Kummerle-Valk looked strong winning the 300H (50.16) and heptathlon (5729).

W55

•Germany's Edeltraud Pohl stunned observers with dramatic wins in the 800 (2:37.42WR), 1500 (5:12.43WR), 5000 (19:13.16), 10,000 (40:09.57) and CC.

•Holland's Corrie Roovers set WRs in the 80H (13.30) and 300H (52.11), and was the top point-getter (6171) among all women in the heptathlon.

•WRs were set by U.S. runners Carolyn Cappetta, who lowered Irene Obera's 400 mark of 66.99 to 65.48; and Sally Strazdins, who bettered her own steeplechase record with a 9:52.25. Cappetta added a silver in the 200.

•Christel Miller, who skipped five days of the meet to fly to Hamburg, Germany for her mother's funeral, nevertheless took two silvers in the heptathlon and HJ.

W60

•California's Marion Irvine was sensational with triumphs in the 1500 (5:46.61), 5000 (20:53.97), cross-country (44:37), and a WR in the 10,000 (43:26.17).

•Australia's Ann Cooper copped the 100 (14.58), 200 (30.21) and 400 (67.97WR).

•Georgia's Betty Vosburgh won the hep-



New Zealand's Maurice Hinton (left) and Maryland's Tom Sheahen battle in the M50 Cross-Country in Raisio, Finland. Starting up the hill is Australia's David Padgett.

tathlon (5702), LJ (4.14/13-7), and set a WR in the 300H (59.78). She also took three silver medals in the 100, 80H and 400.

•Virginia's Leonore McDaniels grabbed silver medals in the HJ and TJ, and took home a bronze in the 300H.

W65

•Germany's Paula Schneiderhan looked better than ever in winning the 100 (15.33), 200 (32.50), 400 (74.73) and LJ (3.98).

•New York's Joan Rowland won both walks, setting a WR in the 5K (32:44.8).

•Louise Adams won the cross-country (54:54) and took the bronze in the 800 and

5000. Adams led a U.S team sweep in the CC, with Queenie Thompson (2nd) and Dawn Russell (3rd).

•New York's Pat Peterson, successfully battling cancer, took second in both hurdle events, while Josephine Sullivan won the TJ (7.04/23-1).

W70

•Britain's Mary Wixey took the 100 (17.52), 200 (35.03), LJ (3.40WR) and TJ (6.72WR).

•California's Gerry Davidson won the 800 (3:24.80) and took seconds in the 1500 and 5000. Continued on page 14

OUTSTANDING ATHLETES IN IX WORLD VETERANS CHAMPIONSHIPS (as selected by the staff of the National Masters News)

Div.	Name	Nation	Winner of:
M40	Marti Vainio	FIN	10000
	Manuel Vera	MEX	5000
	Peter Browne	GBR	400, 800
M45	Ron Merzelina	HOL	800, 1500
M50	Reg Austin	AUS	100, 200, 400
	Ron Robertson	NZL	10000(WR), SC(WR), CC
	Klaus Liedtke	GER	SP(WR), DT
M55	Antonio Villanueva	MEX	5000 (WR)
	Hugo Hartenstein	USA	100, 200, 100AG
	Horst Mandl	AUT	HJ(WR), LJ, TJ
M60	Wilhelm Selzer	GFR	200, 400(WR)
	Luciano Acquarone	ITA	10000(WR), MARA(WR)
	Jim Sutton	USA	800, 1500
	Herman Strauss	GER	LJ, TJ(WR)
M65	Jack Greenwood	USA	400(WR), 100H(WR), 300H(WR)
M70	Gudmun Skriverik	NOR	LJ(WR), TJ(WR), DEC(1st AG)
	Warren Utes	USA	10,000(WR); also set 5000WR
	James Lytjen	USA	800(WR), 1500
M75	Fritz Assmy	GER	100(WR), 200(WR), 400
M80	Ahti Pajunen	FIN	100, 200, 80H, PV, LJ, TJ
	Ed Benham	USA	800, 1500, 5000, 10000, CC
	Otto Renvall	FIN	SP(WR), DT(WR), HT
	Erkki Haapalainen	FIN	DEC, 300H(WR)
M85	Alfred Althaus	GER	1500, 5000, 10000
M90	Murthy Narayana	IND	100, 200(WR), 400(WR), 800, 1500
W35	Sally Young	GBR	800, 1500, 5000
W40	Geraldine Otto	GER	100, 200, 100AG
	Viisha Sedlak	USA	5K-W(WR), 10K-W
	Anna Wlodarczyk	POL	LJ, TJ(WR)
	Judy Daly	AUS	800, 1500
W45	Elaine Statham	GBR	5000(WR), 10,000(WR), CC
W50	Brunhilde Hoffman	GER	100, 200, 400(WR)
W55	Edeltraud Pohl	GER	800(WR), 1500(WR), 5000, 10000, CC
	Corrie Roovers	HOL	80H(WR), 300H(WR), HEP(1st AG)
	Marion Irvine	USA	1500, 5000, 10000(WR), CC
	Ann Cooper	AUS	100, 200, 400(WR)
	Betty Vosburgh	USA	300H(WR), LJ, HEP
W65	Paula Schneiderhan	GER	100, 200, 400, LJ
W70	Mary Wixey	GBR	100, 200, LJ(WR), TJ(WR)
W75	Rosaline Sole	NZL	100, 200, 400(WR), 80H(WR), LJ, TJ
	Johanna Luther	GER	800, 1500(WR), 5000, 10000(WR), CC
	Ruth Frith	AUS	LJ, TJ(WR), DT, HT, JT
	Anne Clarke	USA	1500(WR), 5000, CC
W85	Irja Sarnama	FIN	SP(WR), DT(WR), HT(WR), JT(WR)
WR = World Record		AG = Age-Graded	

Soviet Training Device Improves Running Speed and Technique

Speed Chute™

The Speed Chute was developed and tested in the USSR. It is the first and only training device to improve speed while making significant gains in technique. Researchers have proven that using the Speed Chute is superior to old training means such as running with weighted belts, uphill sprints, towing, etc.

Advantages:

- Enhances running technique
- Use it running forward, backward, changing directions and on curves
- The Speed Chute used as resistance, and then releasing it while running, will greatly increase stride frequency and speed
- Compact and weighs less than 4 oz
- Speed Chute creates excitement during training and stimulates gains

Using the Speed Chute helps to increase:

- Start acceleration
- Maximal speed
- Speed endurance
- Power

Speed Chute is especially effective at developing speed in football, basketball, baseball, running, jumping events, soccer, tennis, speed skating and others.

Three sizes of Speed Chute in five combinations are available:

SIZE	RESISTANCE (approx.)	PRICE
Small Chute	9 (lbs.)	\$80
Medium Chute	13 (lbs.)	\$85
Large Chute	22 (lbs.)	\$90
Individual Package	1 sm. & 2 med.	\$235
Team Package	4 sm. & 6 med.	\$705

True resistance depends on the weight of the athlete and the training goal. Researchers recommend to vary Speed Chutes for maximum effect. Orders include a training plan for ultimate gains in speed.



Read what these leading Soviet and American coaches have to say about the Speed Chute!

There is no doubt that the Speed Chute is the best device at improving speed, acceleration, maximal speed and power.

Vitaliy Krov

Improving speed has been one area I have worked on ever since I started coaching. The Speed Chute is the biggest breakthrough in this area of training I have ever seen.

Frank Costello

Head Coach and Coach, University of Maryland, New Berlin, Oregon

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 City: _____ State: _____ Zip: _____

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 Single Chutes: Small - No. _____ Medium - No. _____ Large - No. _____
 Postage and Handling: 1-20 \$6.00 21-40 \$8.00 41 and up \$9.00

AMOUNT ENCLOSED \$ _____

U.S. MEDAL WINNERS IN IX WAVA WORLD VETERANS CHAMPIONSHIPS IN TURKU, FINLAND — JULY 18-28, 1991

M40	G	S	B	T
Ken Brinker	200	SH		2
Ken Popejoy	1500			1
Milan Tiff	TJ			1
Billy Smith		100		1
M45				
Joe Johnson	200	100		2
Rex Harvey	DEC			1
Thac Bell		200	100	2
Fred Johnston		SH		1
M50				
Charley Miller	SH			1
John Dobroth	HJ			1
Jerry Dyes	JT			1
Wally Sokolowski		PV		1
Mike Heffernan			CC	1
M55				
Hugo Hartenstein	100			
"	200			
"	100AG			3
Cliff Pauling	800		400	2
Bill McWilliams	HT			1
John Conner		800	1500	2
Phil Mulkey			SH	
"			DEC	2
Max Green			20K-W	1
Phil Conley			JT	1
Dave Jackson			TJ	1
Nick Newton			HJ	1
Alan Fairbrother			SC	1
M60				
Jim Sutton	800			
"	1500			2
Hal Higdon	SC			1
Jim Gillcrist	HJ			1
Jerry Donlev	PV			1
Bud Held	JT			1
Del Pickarts		JT		1
John Poppell		100		1
Chuck Sochor			400	1
M65				
Jack Greenwood	400		200	
"	SH			
"	LH			4
Joe King	1500			1
Jim Law		100		
"		200		
"		400		3
Archie Messenger			800	1
Fred Hirsimaki			SH	1
Bob Mimm	20K-W		5K-W	2
M70				
James Lytjen	800			
"	1500			2
Walter Dahlin	LH		SH	
"	HJ			3
Warren Utes	10K			1
Jim Vernon	PV			1
Don Dilworth		SC		1
Boo Morcom			LH	
"			PV	
"			LJ	
"			DEC	4
Don Johnson			5K-W	
"			20K-W	2
M75				
Herb Miller	SH		100	2
Bob Boal		SC		1
Ross Carter		SP		
"		DT		2
Leon Joslin			DT	1
Bill Talmadge	5K-W			
"	20K-W			2
M80				
Ed Benham	800			
"	1500			
"	5000			
"	10K			
"	CC			5
Chick Dahlsten		1500		
"		5000		
"		10K		3
Virgil McIntyre	HJ	400		2
LaGrand Nielsen			800	1
Dick Lacey			HJ	1

M85					
Konrad Boas	LJ				
"	TJ	200	100		4
Willard Benton		400			
"		5000	200		
"		10K	800		5
Sing Lum		100			1
M90					
Paul Spangler	5000	200			
"	10K	400			
"	CC	800			
"		1500			7
Buell Crane	HJ				
"	LJ				
"	TJ				4
"	DT				
M95					
Herb Kirk		800	200		
"		5000			3
W35					
Joan Stratton	G	S	B	T	
"	HT				1
Karin Smith	JT				1
W40					
Phil Raschker	PV	100			2
Viisha Sedlak	5K-W				
"	20K-W				2
W45					
Joan Colman		5000			
"		10K			
"		SC			3
Kathy Frable	5K-W	20K-W			2
Jolene Stiegerwalt		5K-W			1
W50					
Madeline Bost	G	S	B	T	
"	PV				1
Becky Sisley			TJ		1
W55					
Carolyn Cappetta	400	200			2
Sally Strazdins	SC				1
Christel Miller		TJ			
"		HEP			2
W60					
Marion Irvine	G	S	B	T	
"	1500				
"	5000				
"	10K				4
"	CC				
Betty Vosburgn	LH	100			
"	LJ	SH			
"	HEP	400			6
Leonore McDaniels		HJ			
"		TJ	LH		3
W65					
Jo Sullivan	G	S	B	T	
"	TJ				1
Joan Rowland	5K-W				
"	20K-W				2
Louise Adams	CC		800		
"			5000		3
Pat Peterson			200		
"		SH			
"		LH			3
Queenie Thompson		CC			1
Dawn Russell			CC		1
W70					
Gerry Davidson	800	1500			
"		5000			3
Marie Stafford		400			
"		800	500		3
Carol Peebles			800		1
W75					
Pearl Mehl		400			
"		800			2
Algene Williams		1500			
"		5000			
"		10K			4
"		CC			
W80					
Anne Clarke		1500			
"		5000			
"		CC	5K-W		4
Marilla Salisbury			100		
"			DT		2

102 World Records Set in Turku Continued from page 13

•Oregon's Marie Stafford also won three medals: silvers in the 400 and 800 and a bronze in the 1500. Carol Peebles took 3rd in the 800.

W75

•New Zealand's Rosaline Sole and Germany's Johanna Luther dominated this division; Sole won six with one WR; Luther won five with two WRs. Germany's Annchen Reile took the HJ, DJ, and HT.

•Algene Williams of Illinois took four silver medals in the 1500, 5000, 10,000 and CC, while Colorado's Pearl Mehl took seconds in the 400 and 800.

W80

•Australia's Ruth Frith picked off five gold medals, (LJ, TJ-WR, DT, HT, JT).

•Anne Clarke of Illinois won the 1500 in a WR 8:36.90, and also took gold in the 5000 (30:59.08) and CC (68:41); and silver in the 5K walk.

•San Diego's Marilla Salisbury finished third in the 100 and DT.

W85

•Finland's Irja Sarnama was the only competitor and established new world standards in the four throws. □

— Al Sheahan



USA Bronze medal winners in the W50 4x400 relay, from left: Jeannie Hoagland, Yvette LaVigne, Marti Thielman, Madeline Bost.



Division winners of each 100-meter race competed in the Special WAVA Age-Graded 100. From left: Kozabu Kaihara (M45, JPN), Hugo Schlegel (M65, GER), Bernie Hogan (M70, AUS), Reg Austin (M50, AUS), and Hugo Hartenstein (M55, USA), who won the race in 10.55.

Photo by Bob Watanabe

5000 Athletes Triumph In IX World Championships

Continued from page 1

ble and quick to find a solution.

Under the professional direction of Pekka Paakanen, the meet ran flawlessly. Wind readings were immediately published on every sprint and jumping event. The automatic timer never faltered. Spectators could easily follow field-event action by watching the electronic displays at each competition.

Okay, so it wasn't Eugene. The emotion and the excitement of the 1989 Championships were lacking in Turku. The stands were not jammed with thousands of cheering, clapping spectators, as they were in Eugene.

The citizenry of Turku barely seemed to notice the Games were in town. As in most masters meets, most of the spectators in the stands seemed to be other athletes. (However, Sten-Olaf Hansen, the capable managing director

of the Games, said that 5000 tickets had been sold during the week to local fans.)

Continued on page 16



Team managers' information boards kept athletes apprised of what was going on.

Xalapa & Edmonton Chosen for North American Meets

The cities of Xalapa, Mexico and Edmonton, Canada were chosen as the sites of the WAVA North American Masters Track and Field Championships for 1992 and 1994, respectively, by delegates to the North American meeting in Turku.

The Xalapa meet will be held two weeks after the U.S. National Masters Championships in Spokane. □

U.S. MEDAL WINNERS IN IX WAVA WORLD VETERANS CHAMPIONSHIPS - TURKU

	Gold	Sil.	Brz.	Total
M40	3	2	0	5
M45	2	3	1	6
M50	3	1	1	5
M55	5	1	9	15
M60	6	2	1	9
M65	5	3	4	12
M70	6	1	7	14
M75	3	3	2	8
M80	6	4	2	12
M85	2	5	3	10
M90	7	4	0	11
M95	2	1	0	3
Tot.	50	30	30	110
W35	2	0	0	2
W40	3	1	0	4
W45	0	4	2	6
W50	1	0	1	2
W55	2	3	0	5
W60	7	5	1	13
W65	4	3	4	11
W70	1	4	2	7
W75	0	6	0	6
W80	3	1	2	6
Tot.	23	27	12	62
1991	73	57	42	172
1990	124	143	133	400
1987	85	70	44	199

CLASSIFIEDS

Classified ad rates are 75c a word. Count name and address as 5 words. Race notices are 50c per word. Prepayment required with copy. Deadline is the 10th of the month prior to the issue date. Send to NMN, PO Box 2373, Van Nuys, CA 91404.

SPORT QUILTS. Personalized quilts made from your favorite T-Shirts. For brochure, send SASE to Anne Tiffanie, Rt. 2, Box 139, Leesburg, VA 22075; (703) 338-2835.

PUBLICATIONS ORDER FORM

Quantity		Total (US\$)
_____	Masters Age Records Men's and women's world and U.S. age bests for all track & field events, age 35 and up; and for all racewalking events, age 40 and up, as of Oct. 31, 1990. 48 pages. Lists name, age, state and date of record. Compiled by Peter Mundle, WAVA and TAC Masters T&F Records Chairman. \$4.00	\$ _____
_____	Masters Track & Field Rankings Men's and women's 1990 U.S. outdoor track & field, 5-year age-group rankings. 60 pages. Over 100-deep in some events. All T&F events, including mile, weight, relays, and walks (1500, mile, 3000, 5000). Coordinated by Jerry Wojcik, TAC Masters T&F Rankings Chairman, and the National Masters News. \$5.00	\$ _____
_____	Masters Age-Graded Tables Single-age factors and standards from age 21 to 90 for men and women for every common track & field, long distance running, and race-walking event. Shows how to conduct an age-graded event. Tells how to keep track of your progress over the years. Compares performances of different ages/sexes in different events. 66 pages, including samples and charts. Compiled by the National Masters News and the World Association of Veteran Athletes. Includes world and U.S. 5-year age-group records, as of July 1, 1990. \$5.95.	\$ _____
_____	Masters 5-Year Age-Group Records Men's and women's official world and U.S. Outdoor 5-year age group records for all track & field events, age 35 and up, as of May, 1991. 4 pages. Lists name, age, state and date of record. Compiled by Peter Mundle, WAVA and TAC Masters T&F Records Chairman. \$1.50.	\$ _____
_____	Competition Rules for Athletics (1991) U.S. rules of competition for men and women for track & field, long distance running and race walking — youth, open and masters. \$9.95.	\$ _____
_____	Time Master Calculator. Ideal for use in age-graded scoring. Works directly in hours, minutes, seconds. Acts as stopwatch and calculator. \$45.00.	\$ _____
_____	IAAF Scoring Tables (1985) Official world scoring tables for men's and women's combined-event competitions. \$11.95.	\$ _____
_____	Guide to Prize Money Races and Elite Athletes 1991 Published by Road Race Management, the Guide includes elite athlete alphabetical listing (including masters) with over 700 contact addresses and phone numbers, calendar and contacts for over 250 prize-money events, plus much more. \$44.00.	\$ _____
_____	TAC/USA Patches. Embroidered, 4" x 3". \$2.50	\$ _____
_____	U.S. Track and Field Team Patches. Embroidered, 4" x 2". \$2.50	\$ _____
_____	U.S. Track and Field Team Lapel Pins. Cloisone enamel, 1½" x 5/8" bar pin with safety catch. \$5.00.	\$ _____
_____	The Masters Running Guide by Hal Higdon 160-page paperback. Higdon reveals tips that helped him win three world championships in masters competition: base fitness, improving with age, training smart, maintaining mobility, minimizing injury, motivation, diet, increasing your youthspan. \$9.95.	\$ _____
_____	Winning Secrets by Dr. Ladislav Pataki and Lee Holden 180-page paperback. Confessions of a Soviet-Bloc Sports Scientist. Secrets of Soviet training methods. New training concepts. "A remarkable work by a remarkable man." — Mac Wilkins. \$14.95.	\$ _____
_____	Running Research News Bi-monthly newsletter. Contents include the latest scientific information on endurance training, sports nutrition, and injury prevention. Written in an easy-to-read style, it offers many practical tips for improving individual workouts and overall training programs. "Simply the indispensable running newsletter." — Amby Burfoot. \$16.00 per year.	\$ _____
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5000 Athletes Triumph In IX World Championships

Continued from page 14

Because three widely-separated tracks were used instead of two (as in Eugene in 1989 and in Melbourne in 1987), the action was spread out. Many events were thus run simultaneously, so much of the action was missed by even the most dedicated observer. Except for one last-minute switch, none of the distance events were held in the main stadium. And a trip to the secondary venues took up to an hour each way.

With most of the announcing in Finnish or in broken English, non-Finns had to rely on the scoreboard to keep track of what was going on. Many

outstanding athletes and former Olympians — such as Tatyana Kazankina of the Soviet Union — went unnoticed by the fans.

But the good far outweighed the bad. Participants enjoyed the camaraderie of their fellow athletes. The main stadium was ringed with a refreshment tent and soft-drink stands. A small wooden structure was constructed the day before the competition and served as a post office. Competitors enjoyed free massages in the four-story school building next to the track which served as the registration, meeting and press areas.

Continued on page 17



Soviet athletes sing Russian folk songs during the 5K race walks at Raisio.

GOLD MEDALISTS - WAVA WORLD VETERANS CHAMPIONSHIPS - TURKU, FINLAND - JULY 18-28, 1991

	M40	M45	M50	M55	M60	M65	M70	M75	M80	M85	M90	M95
100	Pina	Kaihara	Austin	Hartenstein	McPherson	Schlegel	Hogan	Assmy	Pajunen	Okazaki	Narayana	Singh
200	Brinker	Johnson	Austin	Hartenstein	Selzer	Schlegel	Hogan	Assmy	Pajunen	Tormonen	Narayana	Singh
400	Browne	Morioka	Austin	Romain	Selzer	Greenwood	Darrot	Assmy	Haarlainen	Perez	Narayana	---
800	Browne	Merzelina	DaSilva	Pauling	Sutton	Ekman	Lytjen	Saantala	Benham	Perez	Narayana	Kirk
1500	Popejoy	Merzelina	DaSilva	Conzelman	Sutton	King	Lytjen	Perttu	Benham	Althaus	Narayana	---
5000	Vera	Buckley	Villanueva	Ruter	Bini	Bergman	Gilmour	NA	Benham	Althaus	Spangler	Kirk
10000	Vainio	Buckley	Robertson	VanNuffelen	Acquarone	Bergman	Utes	Perttu	Benham	Althaus	Spangler	---
SH	Wells	Malatidis	Miller C	Lindhe	Fernaues	Greenwood	Gilli	Miller H	Pajunen	---	---	---
LH	Molloy	Putkinen	Hamaerkes	Trondset	Stigler	Greenwood	Dahlin	Taskinen	Happalainen	---	---	---
SC	Sisovsky	Odegard	Robertson	Jokinen	Higdon	Eccles	Pauwels	Bonora	---	---	---	---
HJ	Sarkin	Gelnov	Dobroth	Mandl	Gillcrist	Schu'houser	Dahlin	Kolhonen	McIntyre	---	Crane	---
PV	Bull	Makela	Lagerqvist	Kostenko	Donley	Egerton	Vernon	Ketonen	Pajunen	---	---	---
LJ	Sydowski	Blanquer	Backlund	Mandl	Strauss	Jarvinen	Skriverik	Morita	Pajunen	Boas	Crane	Singh
TJ	Tiff	Lamp	Backlund	Mandl	Strauss	Jarvinen	Skriverik	Morita	Pajunen	Boas	Crane	---
SP	Katienski	Jouppila	Liedtke	Speckens	Lesell	Randma	Bitter	Kolhonen	Renvall	Schmidt	Salonen	Singh
DT	Pink	Tuomola	Liedtke	Speckens	Filip	Saarikoski	Jouppila	Riboni	Renvall	Cicconi	Crane	Singh
HT	Polvi	Buyer	Singh	McWilliams	Rzehak	Saarikoski	Tamminen	Renvall	Renvall	Schmidt	---	---
JT	Zirnis	Tuovonen	Dyes	Smiding	Held	Ojamo	Mertakivi	Schepe	Lattu	Okazaki	---	Singh
DEC	Chesquiere	Harvey	Keiler	Brodnik	Keltanen	Penttila	Skriverik	Taskinen	---	---	---	---
CC	Riscardo	Buckley	Robertson	VanNuffelen	Bini	Bergman	Gilmour	Osselaer	Benham	---	Spangler	---
MARA	Torni	Adomeit	Bagnall	Rosales	Acquarone	Schabel	Holm	Osselaer	Astoreca	---	---	---
5K-W	Semenov	Heman	Zschiesche	Golubnits'	Tuomela	Petersson	Jarvinen	Tallmadge	Strang	Tormoen	---	---
20K-W	Semenov	Heman	Zschiesche	Nokela	Nakamichi	Mimm	Jarvinen	Tallmadge	dePetra	---	---	---
4X100	Germany	Germany	Germany	USA	Germany	USA	Germany	Finland	---	---	---	---
4X400	USA	Gr.Britain	Germany	Germany	Germany	USA	USA	Finland	---	---	---	---

	W35	W40	W45	W50	W55	W60	W65	W70	W75	W80	W85
100	Spencer	Otto	Waldis	Hoffman	Smith P	Cooper	Schneiderhan	Wixey	Sole	Hielscher	---
200	Apavou	Otto	Waldis	Hoffman	Smith P	Cooper	Schneiderhan	Wixey	Sole	Hielscher	---
400	Hendershot	Blurton	Allison	Hoffman	Cappetta	Cooper	Schneiderhan	Haule	Sole	---	---
800	Young	Daly	Gallagher	Klockers	Pohl	dePreter	Werner	Davidson	Luther	---	---
1500	Young	Daly	Gallagher	Klockers	Pohl	Irvine	Naumenko	Tibbling	Luther	Clarke	---
5000	Young	Keskitalo	Statham	Hellwagner	Pohl	Irvine	Waller	Marvin	Luther	Clarke	---
10000	Vartiainen	Keskitalo	Statham	Hellwagner	Pohl	Irvine	Waller	Marvin	Luther	---	---
SH	Ocamica	Desmier	Lamp	Kuppe	Roovers	Enarsson	Laine	---	Sole	---	---
LH	Izvekova	Daehler	Allison	Kummerle	Roovers	Vosburgh	Laine	---	---	---	---
SC	Adams V	---	Orman	---	Strazdins	Carrier	---	---	---	---	---
HJ	Karg	Plischka	Hauser	Stelling	Tshentchik	Enarsson	Pedel	Mighofer	Reile	Thesleff	---
PV	Fabardine	Raschker	Miller I	Bost	McLennan	---	---	---	---	---	---
LJ	Apavou	Wlodarczyk	Lamp	Schmalbruch	Kaas	Vosburgh	Schneiderhan	Wixey	Sole	Frith	---
TJ	Jussila	Wlodarczyk	Graff	Searle	Bolstad	Enarsson	Sullivan	Wixey	Sole	Frith	---
SP	Juskiene	Baikova	Miller I	Parts	Kofnick	Hamm	Kasekamp	Smildtsina	Gelbrich	Thesleff	Sarnama
DT	Hohenberg	Kubi	Jakabsong	Hmelevskaja	Satsi	Ponomareva	Holm	Meri	Reile	Frith	Sarnama
HT	Stratton	Faldager	McNab	Searle	Ivanova	Berg	Jortikka	Bellin	Reile	Frith	Sarnama
JT	Smith K	Bezjak	Vogel	Ozolina	Kofink	Paksyte	Kasekamp	Meri	Gelbrich	Frith	Sarnama
HEP	Kalviste	Dudink	Onsberg	Kummerle	Roovers	Vosburgh	Laine	---	---	---	---
CC	Rantakari	Keskitalo	Staaham	Fuchs	Pohl	Irvine	Adams L	Marvin	Luther	Clarke	---
MARA	Underwood	Virtanen	Banks	Wentzien	Bremer	Brasher	Waller	Schultz	---	---	---
5K-W	Hrutsheva	Sedlak	Maeder	Heikkila	Kalwett	Meyer	Rowland	Tibbling	Nyberg	Lindgren	---
10K-W	Hrutsheva	Sedlak	Maeder	Seiler	Kalwett	Meyer	Rowland	Tibbling	Nyberg	Lindgren	---
4X100	Australia	Germany	Germany	Germany	Germany	Germany	Germany	USA	---	---	---
4X400	Germany	Gr.Britain	Germany	Germany	USA	USA	---	---	---	---	---

Beccalli Re-Elected President of WAVA

At a 10-hour session of the WAVA General Assembly in Turku on July 24, Cesare Beccalli of Italy was re-elected President in a close vote by the 106 delegates in attendance.

Of the original five candidates, Owen Flaherty of England and Santokh Singh of India withdrew during their two-minute speeches. The final secret vote was: Beccalli 55, Canada's Alastair Lynn 49, Portugal's Fernando Ferreira 2.

In other elections:

•Bob Fine of the USA was re-elected Executive Vice-President, 72-34, over Chile's Jorge Alzamora.

•England's Bill Taylor was re-elected Stadia Vice-President with 63 votes to 33 for Vadim Marshev of the Soviet Union and 10 for India's V. Suryanarayana.

•Torsten Carlus of Sweden was chosen Secretary, 68-40, over David Pain of the USA.

•Al Sheahan of the USA was re-elected Treasurer, 83-25, over Pirkko Martin of Finland.

•Jacques Serruys of Belgium ran unopposed for Non-Stadia Vice-President.

In open voting on Constitutional Amendments:

1) A motion by Australia to lower the minimum age for men from 40 to 35 was defeated, 19-84.

2) A motion to raise the minimum age for women from 35 to 40 was withdrawn by the USA.

3) A motion from the floor to increase the maximum amount of delegates-per-country from five to seven was rejected, 25-75.

4) A motion by Germany, Italy, Norway, Sweden, and Uruguay to include regional participation in the delegate-selection process was postponed, 79-18.

5) A proposal by the USA to let the General Assembly, rather than the Council, decide the amount of athletes' fees, was turned down, 43-63.

6) A motion by India to elect officers for four years, rather than two, was defeated, 46-56.

7) A motion to have a secret vote on a proposal to add an IAAF member to the WAVA Council lost, 34-61.

a. A motion to include an IAAF member as a non-voting member on the Council was ruled out of order by the Chair; his ruling was challenged, but affirmed, 52-43.

b. The main motion by Germany, Italy, Norway, Sweden, and Uruguay to approve an IAAF voting member on the Council passed, 61-21.

8) A motion by the same five countries to limit the Council term of the past-president to two years was accepted, 83-10.

9) A motion to mandate that Council members be active competitors was withdrawn by Singapore.

10) A proposal by Germany, Italy, Norway, Sweden, and Uruguay to use

the same regional groupings as the IAAF passed, 77-15.

11) In a secret vote, a motion by Italy, Norway, Sweden, and Uruguay to give both WAVA and the IAAF veto power over transferring an affiliate from one region to another tied, 48-48. The Chair broke the tie in favor of the motion.

12) A comprehensive proposal by Germany, Italy, Norway, Sweden and Uruguay to give the Council the authority to waive affiliate fees and to give the IAAF more influence in determining WAVA affiliates was approved, 55-29.

13) A motion to let the IAAF and WAVA jointly decide on affiliate disputes was withdrawn by Uruguay.

14) A motion by Germany, Italy, Norway and Sweden to let the IAAF make the final decision on affiliate disputes was amended by the proposers to let WAVA make the final decision. Passed, 67-30.

15) A proposal by Germany, Italy, Norway, Sweden, and Uruguay to eliminate Section 15 of the Constitution was approved, 78-4.

In open voting on changes to the by-laws:

1) A motion by Germany to base competition on the year of birth, rather than on the current date of birth, was narrowly rejected, 44-47.

2) A motion by New Zealand that in preliminary rounds, at least the first and second placers shall automatically qualify for the next round passed on a voice vote.

3) A motion by Germany to limit the decathlon to M55 and below, and the heptathlon to W50 and below, was rejected by voice vote.

4) A motion by New Zealand to mandate identifiable uniforms for any athlete on a team passed by voice vote.

5) A motion by New Zealand that only registered members of WAVA affiliates shall be eligible for world records passed, 66-27.

6) A proposal by Canada to reduce the weights of the M80+ throwing events was rejected, 24-57.

7) A motion to change the spacing in the W50+ and M70+ 80H from 7m to 8m was withdrawn by Canada.

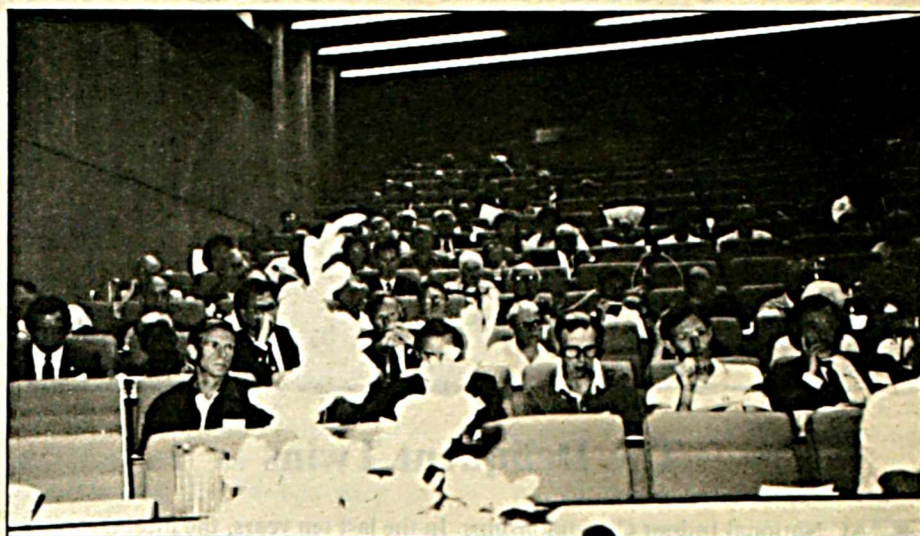
8) A motion by Indonesia to change the weight of the javelin for M50/M55 from 800 grams to 700 grams was defeated, 14-68.

9) A motion by Germany, Italy, Norway, Sweden, and Uruguay to change the procedure for obtaining a Council nomination passed, 91-0.

10) A motion by Chile to give substitutes for regional delegates the right to vote at Council Meetings and in the General Assembly passed, 75-10.

11) An amended proposal that "Random drug testing of athletes shall be sanctioned before or at the World Veterans Championship" passed, 83-6.

12) A motion to insert "and drug testing" in a section of the by-laws was withdrawn by Norway. □



Delegates to the WAVA General Assembly listen to a debate on an amendment to the WAVA Constitution.

5000 Athletes Triumph In IX World Championships

Continued from page 16

As always, it was astonishing that over 5000 individuals from all walks of life would each make separate decisions to travel to one central spot to compete against others their own age. The scope of the event was enormous. There were 110 heats, semifinals and finals in the 100-meter dash. There were 11,253 event-entries. The marathon drew nearly 1000 runners. Nearly 24% of the entrants were women.

Free bus service at 40-minute intervals was provided from the main track to the secondary tracks in the suburbs

of Raisio and Kaarina. Many participants purchased a city bus pass for 50 finmarks (about \$12). Most of the hotels were within a mile of the main stadium — an easy 15-minute walk by the scenic Aura River.

The opening ceremonies could not compare to Eugene, where 10,000 cheering fans welcomed the competitors. For some reason, the Turku organizers abandoned the usual tradition of athletes marching in by age groups. Instead, local dancers performed on the field while the athletes sat quietly in the stands as non-participants.

Continued on page 19

Women Reject 40 as Minimum Age

By a resounding vote of 42-1, delegates to the WAVA Women's Meeting in Turku rejected a proposal to raise the minimum age for women in World Veterans Championships from 35 to 40.

Later, the U.S. delegation, which

had proposed the Constitutional amendment, withdrew the amendment.

England's Bridget Cushen was unanimously re-elected for another two-year term as Women's Representative. □

PRESIDENT:

Cesare Beccalli
P.O. Box 76
37010 Assenza di Brenzone
(Vr) Italy

EXECUTIVE

VICE PRESIDENT:

Bob Fine
4223 Palm Forest Drive
Delray Beach, FL 33445
USA

VICE-PRESIDENT

(Stadia):
Bill Taylor
17 Poplar Farm Close
Milton-under-Wychwood
Oxford, OX7-6LX
Great Britain

VICE PRESIDENT

(Non-Stadia):
Jacques Serruys
Postbox 7
B8000, Brugge, Belgium



SECRETARY:

Torsten Carlus
Helsingborg, Sweden

TREASURER:

Al Sheahan
P.O. Box 2372
Van Nuys, CA 91404
USA

PAST-PRESIDENT:

Don Farquharson
269 Ridgewood Road
West Hill, Ontario
M1C 2x3 Canada

WOMEN'S DELEGATE:

Bridget Cushen
156 Mitcham Road
West Croydon,
Surrey, England

DELEGATE OF:

NORTH AMERICA
David Pain
5643 Campanile Way
San Diego, CA 92115
USA

SOUTH AMERICA

Jose Figueras
Juncal 1395
Floor 2 of 15
Montevideo
Uruguay

ASIA:

Hari Chandra
#24-12 Block 44,
Marine Crescent, Singapore

EUROPE:

Hans Axmann
Eichendorffstrasse 2
D-800 ANSBACH
Federal Republic of Germany

OCEANIA:

43 Emslie Road
Pinhaven, Upper Hutt
New Zealand

AFRICA:

Col. Pascal Mackonguy
BP 1222 Brazzaville
Rep Pop Du Congo



MASTERS RACEWALKING

by ELAINE WARD

The Delinquent Twins

TAC National Indoor Championships. In the last ten years, the meet directors of the TAC National Indoor Championships have had repeated problems providing adequate lap counting, judging, or both for the race walks. This year in Blaine, Minn., incompetent lap counting cheated Gary Null out of a gold medal and a possible American record. His story is typical.

As Gary and the other men checked in for the 3000 meter walk, it became obvious that no arrangements had been made for lap counters. Those in charge hurriedly pulled inexperienced people from the stands to help. As the race progressed, Gary was clearly ahead, but as he came to finish, he was told that he had missed a lap, and was made to walk an extra one. On examining the video of the race later, the mistake became apparent. Nonetheless, the meet director would not acknowledge the error, and Gary was not credited with his time.

TAC National Outdoor Championships. Though the Outdoor Championships have a better record with the walks, this year's Championship in Naperville, Ill., was singularly horrendous. The 5K had inadequate lap counting as well as peculiar judging, and the 10K women's road walk had no start line, no starting gun, and no traffic control.

Bill Hanley (Jaye, his wife W50, won the 5K walk and took 2nd in the 10K) reported: "One guy had a clipboard to keep track of all the walkers in the 5K. This involved keeping check of who

had lapped whom and how many times. The only one who didn't have to worry was Jaye. She led from the start so everything was keyed to her. The other walkers received best guesses.

"After the race, when the Chief Judge was asked about some of the DQ calls, he said that if he saw a head bob in a crowd, that it automatically meant the walker was off the ground and illegal. He said he did not need to actually see the walker lifting.

"Then there was the 10K which took place immediately after a thunder and lightning storm let up. When the ladies went to the street to warmup, the race official announces that they had better get ready because the race was about to begin. They were informed that the starting gun was at the men's 20K race two blocks away. Almost immediately, a gun shot was heard and the ladies took off from a general area assumed to be the starting line. None was marked.

"There also was no traffic control, and a relatively busy through street crossed the middle of the course. After watching several walkers confronting Sunday drivers, I assumed the role of *Naperville's Finest* and began directing traffic. Only one driver ignored me, and in his attempt to speed by, almost smacked a walker."

Solution: If walkers are to be encouraged to go to the TAC Indoor and Outdoor Masters Championships,

there has to be some changes. From the meet director's perspective, road walks present additional problems that regular track and field events do not. However, when a bid is submitted, it is assumed that the meet director is aware of the walks' requirements. It is this assumption that must be discarded.

In fact, a walker seeking a record goes at his or her own risk. As a minimum solution, it would be advisable for serious competitors to make advance inquiries from the meet director about the organization of the race walks.

According to Bev La Veck, the Racewalking Rep to Masters T&F, there have been past proposals to make a short manual of the basic requirements for putting on track and road walks. With such a manual, those making bids for Masters Indoor and Outdoor Championships would be supplied with essential information and be required to include certain provisions for race walks in their bids. This would be a more general solution to current problems and accordingly, involve the RW Committee and Masters T&F working together.

The 1992 TAC Masters Outdoor Championships will be held in Spokane, Wash., and Bev has already traveled the "short 300 miles east of Seattle" to check on the preparations for the walks. □

1991 North American Masters 20K Racewalk Championships

OCTOBER 6, 1991
MIDLAND, TEXAS



Tall City
20K and 5K Open
Racewalks

DATE & TIME

Sunday, October 6, 1991
8:00 a.m. Tall City 5K (must complete in less than 45 min.)
9:00 a.m. Masters and Open 20K Racewalk
12:00 p.m. Awards Ceremony

REGISTRATION & ENTRY FEE

\$10.00 Entries postmarked before September 23, 1991
\$13.00 Entries received after September 24, 1991

CERTIFIED RACE COURSE

The course is a flat, fast 2.5K loop along "A" St. and Air Park Rd. The course is certified to be accurate by the TACRRTC #TX50041ETM.

ACCOMMODATIONS AND AIR TRAVEL

Call Allega Travel (915-682-9766) for savings on your airline travel and hotel accommodations. Transportation to and from airport and other locations provided by Plaza Inn.

PRE-RACE EVENTS

Saturday,
9:00 a.m. Midland Memorial Hospital Run/Walk Event
1:30 p.m. Free Beginners Racewalk Clinic at Plaza Inn.
4:30 p.m. Advanced Racewalk Clinic at Plaza Inn.
6:00 p.m. Pre-race Pasta Dinner at Bless Your Heart Restaurant, Midtriff and Loop 250. (\$6.00)

Ray and Wendy Sharp, National Team Members, have been invited to hold this advanced Racewalk Clinic. (\$20 clinic fee)

FOR MORE INFORMATION

Contact Norm Frable, 3402 Wedgewood Street, Midland, TX 79707;
(915) 694-2134.

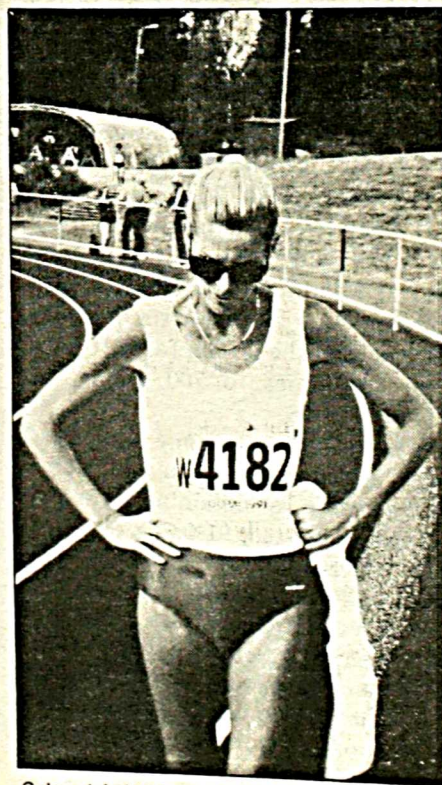
One Hour Postal Racewalk

This issue contains partial results of the Shore AC One-Hour Postal Racewalk for 1990, directed by Jerry Kass. The number of participants, who ranged in age from 8 through 85, was up

from 266 in 1989 to 364. Twenty-six states and the District of Columbia were represented.

Olympian Larry Walker, M45, of Canoga Park, Calif., with 12,623m (7 miles, 1485 yards), and Joann Nedelco, W45, of Sausalito, Calif., with 11,410m (7 miles 59y), were the top masters performers.

For complete results, including open results and team scores, contact Kass, the 1991 director, at 18 Rutland Place, Eatontown, NJ 07724. 908/542-1779. □



Colorado's Viisha Sedlak, 42, set a new world women's masters record of 24:17.2 in the 5000-meter walk in Finland.

Two Notable Achievements

Viisha Sedlak has won gold medals in the 5K and 10K walks in three consecutive World Veteran Championships (Melbourne, Eugene, and Turku). This year, her winning 5K time of 24:17.2 had an age-graded equivalent of 92.4%; her 10K time of 50:14 has an age-graded equivalent of 90.5%.

Max Green, M55, six months away from turning 60, achieved the highest age-graded score of any American walker in Turku. His 5K time of 24:23.9, had an age-graded equivalent of 92.2%, and his bronze medal winning 20K time of 1:46:34 was an age-graded 93.3%. □

5000 Athletes Triumph In IX World Championships

Continued from page 17

Quick to adjust to complaints, however, the organizers arranged the closing ceremonies to feature a parade in by athletes and officials.

Some scheduling problems arose on the first day when the women's 80H and 100 — common events for many — were scheduled at the same time on two different tracks. Organizers huddled with WAVA officials and made quick adjustments. Some 10,000-meter finals which had been moved from Sunday to Saturday were hastily switched back to Sunday when dozens of runners who had made non-cancellable plane reservations phoned that they couldn't make it by Saturday.

Some athletes objected to paying to watch the finals of the M40 800, which was staged as part of the Paavo Nurmi Games, an open meet held on Monday, one of the "off days" in the competition.

Some complained there were too many competitors in the walks and in some field-event flights. Others said there was no water to drink at the track.

On the first day, most non-competitors were charged about \$5 to enter the stadium. After complaints, spouses of athletes were given free passes.

The banquet was a disaster. Not

enough seats were provided and food lines were 1½ hours long. Many athletes who had bought a \$30 ticket took one look and left.

"We goofed," Hansen apologized. "It didn't go as we planned."

One of the biggest problems of the Games was the hotel prices. In 1990, feeling they had a captive market, most hotels jacked up their rates far over those quoted by the organizers in their 1989 presentation in Eugene. As a result, some potential tourists didn't go. Others found low-cost accommodations outside of town. Thus, downtown hotels were not sold out. Adhering to your basic Capitalism 101, they dropped their prices 30%, so that tourists who came to town the week of the Games with no reservations paid 30% less than those who had booked a year in advance. Furious WAVA officials inserted language into future contracts to prevent a recurrence.

Some athletes stayed in low-cost hostels or in the dormitories. A few complained of dirty dorm rooms, but most seemed quite satisfied with their accommodations.

The official program booklet — sold for about \$7 — was excellent. Athletes were listed by age group and event, alphabetically and numerically. It was easy to find the name or number of any competitor.

Morcom Top Scorer in National Decathlon

from ROSS GREATHOUSE,
Meet Director

The U.S. TAC National Masters Decathlon/Heptathlon Championships were held along with the 14th Lincoln Track Club Decathlon/Heptathlon, which drew the largest field ever, 53 decathletes and four heptathletes, to Ed Weir track at the University of Nebraska, June 22-23. Forty of the male and three of the female competitors were submasters (30-39) or masters 40+. Twenty-three states were represented.

Boo Morcom, 70, topped all decathletes with a WAVA age-factored 7680, with Phil Mulkey (7139) second, and Rex Harvey (6950) third.

The tightest competition came in the M35 age-group, with Jeff Watry, 35, holding off Mark Salzman, 39, to win

by 42 points with a 6447.

In the W40 division, heptathlete Phil Raschker scored 5109, with high scores in the 200 (26.61/925) and hurdles (12.88/848). Donna Ricks, W30, scored 4955.

I must say a special thanks to our many volunteers and especially those who worked long hours both days: my wife, Caryl, my son, Jay, Lynn and Sherri Lightner, Ross Gerding, Ann Ringlein, Mike Johnson, Larry Morrow, Tom Bassett, Don Shoen, Hollis Anderson, and Karen Jones. We could not be successful without the help of our good friend and great decathlete, Rex Harvey. He, his computer, and his guidance were greatly appreciated.

Thank you all for coming to Lincoln. We look forward to seeing you again. □

Site Still Needed for '93 Indoor Nationals

A site is still needed to host the TAC Masters 1993 National Indoor Championships, according to indoor coordinator Scott Thornsley. Thornsley has contacted numerous clubs and universities about the possibility of hosting the championships, but so far there has been no interest. While sympathetic, universities are unable to block out an entire weekend at their indoor facilities, and are unwilling to schedule an event so far in advance. Masters

clubs have generally shown little interest in hosting the event, citing the financial responsibility inherent in such an event.

Clubs interested in discussing holding the '93 National Championships should contact Scott Thornsley directly at 18 Colgate Dr., Camp Hill, PA 17011, (717) 737-2385. Bids should be turned in prior to the TAC national convention which meets in New Orleans this December. □

Some field events were held on two fields adjacent to the main track. Athletes warmed up on a 140-meter tartan straightaway across from the main track.

Tours were arranged to nearby towns and islands. Everyone raved about the boat trip from Stockholm to Turku. Following the Games, some athletes ventured to Leningrad and Moscow for the Soviet Veterans Championships. Others headed for Switzerland for the Baden meet. Others headed for various parts of Scandinavia.

Nearly 600 athletes from the Soviet Union attended. While the Soviets were quite competitive, they didn't dominate the competition as some had predicted.

Radio journalists were present at almost all times. Several TV stations reportedly covered the event. A well-attended press conference was held daily at the stadium.

The enjoyment of the meet for this reporter was tempered by a severely torn hamstring suffered in the 400-meter hurdles. I was forced to cancel post-meet travel plans and fly straight home. As of August 15, I'm still using crutches but am recovering slowly, thank you.

At the closing ceremonies, Hansen told the gathering:

"I thank all the 5000 athletes who have taken part; you are the heart and soul of the Championships. We have found that differences in cultures may lead to misunderstandings. We must,

Continued on page 21



While Eileen Troy wins the W35 400 (64.7), Carolyn Cappetta, Liberty AC, sets a W55-59 WR with a 65.9, Boston Masters NEAC Meet, Dedham, Mass., July 13. Linda Upton won the W45 title (70.5). Photo by Steve Schmitt

Cappetta, Hagemann Nab WRs in Boston

by FREDERICK C. TRESELER III

The 10th Annual Reebok Boston Masters NEAC Track and Field Championships in Dedham, Mass., on July 13, provided masters with the opportunity to test themselves against great competition and terrible weather conditions. In spite of the continual precipitation, which at times developed into severe downpours, spirits remained high as the athletes ran, jumped, and threw for two world records, one U.S. record, and forty-five meet records.

Carolyn Cappetta, Belmont, Mass., clocked a W55-59 world record in the "Phil Surette" 400 with a 65.9. The old record was 66.99 in 1989 by Irene Obera. Libby Hagemann, Marion, Mass., broke the W70-74 world record for the hammer with a 72-6, and the U.S. record for the discus with a 62-8. The hammer record of 57-5 in 1989 had been held by Annchen Reile, and the discus record of 62-6 in 1981 by Edith Mendyka.

In the "Jock Semple" Invitational

Mile for M40-44, which was announced by 1990 winner and meet record holder Dan Frye, American record holder Al Swenson, Wolcott, Conn., won with a 4:24.4.

This year's meet was again organized by TRACS, Inc., and directed by Fred Treseler and Paige Martini. Through the support of Reebok, TRACS was able to provide each event winner with a Reebok travel bag valued at \$45.

On the meet, Carl Hammen, M65 3000 winner in 11:45.3, commented, "As national and world meets for older athletes continue to grow, it becomes more and more important to us to find local and regional meets where we can test ourselves in age-group competition without the necessity to spend much travel money. For those of us who believe that age alone is no reason to stop running, it is important to receive recognition for a superior performance, as an incentive to continue our training. I hope that Reebok will continue to support this type of event." □

Masters Health and Fitness

by DANIEL HAMNER, M.D.

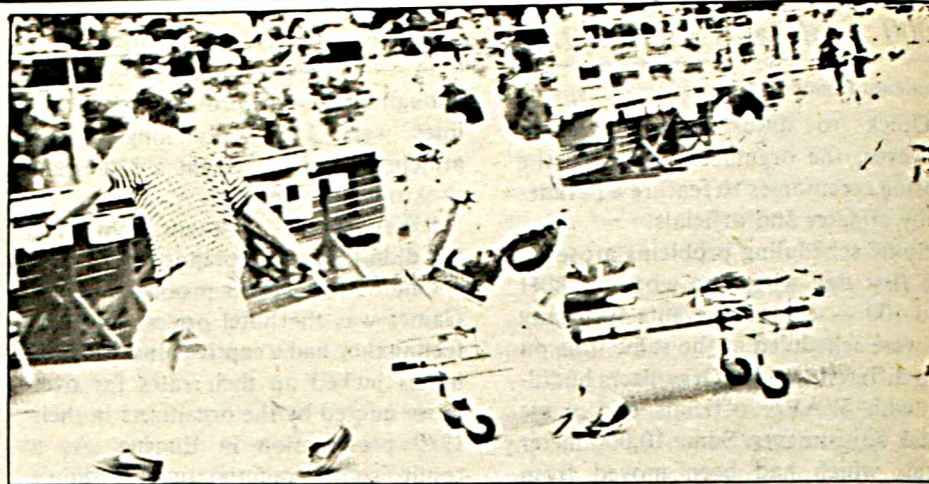
Slowing Down The Aging Process

It was my good fortune to be a participant in the IX World Veteran's Games in Finland last month. Of special note, the medical team, headed by the renowned sports medicine physician Dr. Martti Kvist, M.D. of the Sports Medical Research unit in Turku, did an outstanding job.

"There were a little more than 1000 visits from all fields coming into the medical unit" said Dr. Kvist. Out of a Veteran's Championship competition with over 5000 participants, that was still a pretty fair number. However, "not all visits were injuries" noted Dr. Sakari Orava, the physician who heads Finland's Olympic Team. The day I interviewed Drs. Kvist and Orava, there

were only three serious sports' related injuries; two ruptured achilles' tendons and one torn anterior cruciate ligament. I would suspect that the marathon event the next day saw a few more minor injuries.

"The majority of injuries came from the 50-60-year-olds" said Dr. Kvist. Both Orava and Kvist agreed that in the 60 and over group the athlete



Medics were on the track in 30 seconds to whisk a fallen runner to the medical area at the Turku Stadium.

knows himself better and what can be done without injury. With over 61 nations participating, and age categories going beyond 90, the medical team in Turku was quite pleased with the successful outcome of the games.

At the World Championships, I was frequently asked how we can arrest or reverse the process of physically aging. My answer was basically that aging is a genetic-based process—with good genes you are far ahead of the game. We all know this. Next, aging is related to connective tissue damage, usually caused by unbalanced oxygen molecules. Another important factor is that real aging is not noticeable in a fit athlete until the middle to late forties.

After seeing hundreds of runners each month in my office, I've noticed that if a genetically-endowed 40-year-old keeps focused on his training, there is not much difference (even in reflex time) between him and a twenty-year-old. We are continuously seeing 40-year-olds such as John Campbell, George Foreman, Mark Spitz and many others participating in world class competition.

To be more specific, in mankind's aging process, the first change that affects our running ability is noticeable in our late 40s when there is a decrease in oxygen consumption (even with daily training). This is mainly due to decreased elasticity and thickening of the lung tissue. This lung damage is one of the primary factors that causes decreased oxygen uptake by the muscles.

Although there are additional processes going on at the same time with

this decrease, let's discuss how we can combat, compensate for, and slow down this connective tissue thickening. One of the most important things we can do is daily stretching, especially those muscles that are involved in respiration, i.e., intercostals, diaphragm, accessory respiratory muscles; e.g. shoulder girdle, etc. We should be sure to get the proper amount of calcium to combat osteoporosis. Additional estrogen may be prescribed by physicians for women who need it. Hyperextension exercises are necessary to strengthen the back muscles to prevent curved backs.

We should try to avoid pollutants — no smoking, of course — and use a moderate amount of caffeine in our daily diets. And we should definitely limit our alcohol consumption. Other pollutants to avoid include foul air, toxic chemicals and places where you're inhaling fumes. Breathing techniques, including diaphragmatic exercises, are recommended for runners along with a diet containing antioxidants such as vitamins C and E, beta carotene and others. Lastly, continue a moderate-to-heavy exercise program with daily and proper rest and recovery periods.

By the way, in the World Championships, 90-95% of all injuries reported were muscle pulls and minor tears. The 50-60-year-olds who had the most injuries seemed to "over do it." We have to learn that minor limitations do exist now that we are over 50, and we should be more careful. However, despite the limitations we are far ahead of the non-athlete in slowing down — or even reversing the aging process.



More than 1000 athletes were treated in the medical center at the Turku stadium.

Here's What Readers Say About THE MASTERS RUNNING GUIDE



— This book is filled with information including chapters on: Minimizing Injury, Secrets of the Masters, Maintaining Mobility, Diet, Improving With Age, and Training Smart. I recommend this book for those of us "transitioning" into the "improving with age" category. (Great gift idea too.)

— *Joyce Rankin, Reston (VA) Runners*

— I wish I had read the book ten years ago. (I wish it had existed ten years ago.)

— *Gordon Pitz, River to River (IL) Runners*

— The book describes masters sports and discusses the safety of intensive competition for older athletes... It's tough to read the first chapter and not get an urge to slip on a pair of shoes and go for a run.

— *Mike Davis, Indianapolis News*

"I generally stay away from endorsing books, but this one is worth making an exception for."

— *Jim Ferstle, St. Paul Pioneer-Press*

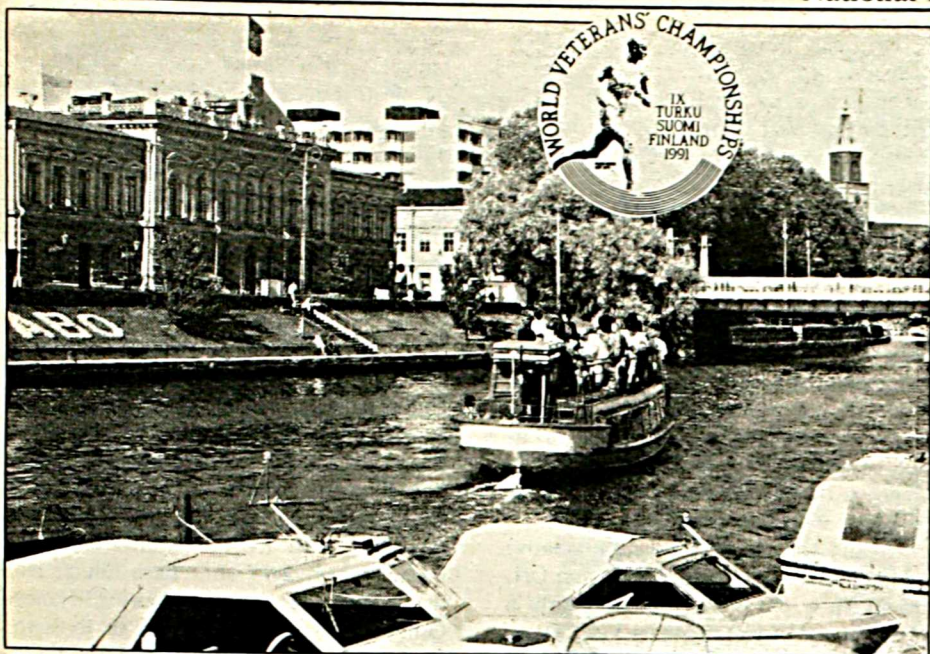
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Athletes and their families cruised down the Aura River, which runs through the heart of Turku.

5000 Athletes Triumph In IX World Championships

Continued from page 19

however, remember there are no 'good' or 'bad' cultures — just different ones.

"We hope you have enjoyed your

stay and you will return home with happy memories. You and your friends will always be warmly welcomed back to Finland and especially to Turku."

□

— Al Sheahan



Finalists in the W35 200 in Turku. From left: Regina Geinitz (GER), Sigurborg Gudmundsdottir (Iceland); Debbie Lange (AUS); Jacqueline Apavou (FRA); Desley Spencer (AUS); Claudette Bonnet (FRA); Karen Adams (AUS). Apavou won in 25.55.



Some readers provide additional support to the National Masters News and to the Masters program by sending contributions of \$25, \$50 or \$100 a year. If you are able, we urge you to join them. All contributors will receive a free copy of the new Masters Age Record book and will be listed in the paper as a National Masters News sustainer.

High Five Run

by MAURY DEAN

Masters only. Four hundred races I've done, but the High Five in Highland, Mich., July 6 was a fab first. With the running population orbiting the fantastic forty mark, one wonders why every other race doesn't sport a Masters-vs.-Masters heat — at least in America's new No. 1 distance — the 5K. Why "High Five"? It's one of the few Michigan races over 1000 feet in elevation. Fifty-two-year-old Dave Armstrong, race director and 5K six-minute miler, showcased the masters of the Detroit area in a three-tiered race which featured an open (Tom Carney, 30, 15:45) a women's (Kirstie Wink, 19, 18:39) and the masters. Each race drew over 100 runners along a princely promenade. After a tantalizing taste of shade, you swoop out into the sunny, muggy, midsummer 82° farmland.

Among faster masters, 49½-year-old Doug Goodhue took it out with a 5:05 mile split, as the 40-year-old kids gasped up the nasty, little gravel hill. Perhaps three-quarters of a mile is dirt or gravel, so it's no wimp course.

At the turnaround, our masters race slammed into a no-holds-barred pandemonium. Rich Goepf seized the lead, and Al Sleeman weaved through the pack to challenge Goepf. Lanky Don Balkwell, 44, plunged into bronze-medal territory, as Goodhue's stupendous surge kept him in command of the M45 runners.

Age-group competition was fierce, with Sleeman vs. Balkwell (M40), Goodhue vs. this scribe (M45), and Knoll vs. Seegert (M50-59) decided by four seconds or less. Herb Seegert, 55, is a Michigan masters legend. He has run two-thirds of the way from the Earth to the Moon and back in his lifetime (170,000 miles).

The women's masters race-in-a-race was equally close, with Nina Bovio, 45, 20:10, outshining a swift field. In the W40s, pert Donna Olson (20:42), Jane Ketchin (20:55), and Maggy Zidar (20:57) battled to the finish line.

Next year, Armstrong is considering five-year age groups all the way up, and a separate women's masters race, since the women's race was ageless. □

ATHLETES WHO ENTER A NEW DIVISION THIS MONTH, SEPT., '91

ATHLETE (RESIDENCE)	BIRTHDATE	AGE GROUP
JUNE BARNES (WESTERVILLE, OH)	9-1-21	70-74
MARGARET BETZ (CONKLIN, NY)	9-12-36	55-59
DIANE BROMSTEAD (SAN JOSE, CA)	9-20-36	55-59
JUNE BYRNES (NEW ALBANY, OH)	9-1-21	70-74
PENNY FORSTER-GILKEY (ROGUE RIVER, OR)	9-25-51	40-44
JEANNE HOAGLAND (LOS ANGELES, CA)	9-16-36	55-59
GRACE LABELLE (MN)	9-0-11	80-84
VIRGINIA LUCAS (US)	9-19-31	60-64
ADELE MILICEVIC (CAN-SCOTTSDALE, AZ)	9-21-26	65-69
ALMETA PARISH (SAN FRANCISCO, CA)	9-15-36	55-59
SALLY RUSBY (HORSEHEADS, NY)	9-26-36	55-59
HARRIET SARGENT (JENNINGS, MO)	9-27-21	70-74
BARBARA STEWART (ROCHESTER, NY)	9-17-41	50-54
MARGARET ANNE BEACHAM (GB)	9-28-46	45-49
COLLEEN BRUNKER (NZ)	9-14-31	60-64
JACKIE CHARLES (GB)	9-21-41	50-54
IVY GRANSTROM (CAN)	9-28-11	80-84
HILDE JOECKLE (WG)	9-12-21	70-74
IRENE KIEL (WG)	9-14-26	65-69
MARGARET MACKINNON (AUS)	9-2-26	65-69
MARGARET MACKINNON (AUS)	9-2-26	65-69
ANNA CHATRINE RUHLow (WG)	9-30-36	55-59
HANNELORE SCHENK (WG)	9-17-46	45-49
LIESEL SCHEPE (WG)	9-7-16	75-79
VERA WISCHMANN (WG)	9-20-11	80-84
MARIA ZAHN (WG)	9-17-36	55-59
KEN BAKER (RIDGEWOOD, NJ)	9-28-36	55-59
WILFRIED CHIAU (BEL)	9-17-36	55-59
D. E. S. CROOK (GB)	9-17-31	60-64
IRA DAVIS (PHILADELPHIA, PA)	9-25-36	55-59
JOHN DICK (HAYWARD, CA)	9-18-11	80-84
DAVE DOUGLASS (CULVER CITY, CA)	9-28-31	60-64
JIM HERSHBERGER (WICHITA, KANS)	9-2-31	60-64
DON HUMMEL (CANTON, OH)	9-8-11	80-84
WALTER HUTCHINS (PHILADELPHIA)	9-29-31	60-64
BOYCE JACQUES (RENO, NV)	9-24-26	65-69
ED KEYSAR (SHERMAN OAKS, CAL)	9-17-21	70-74
TERRENCE KILMARTIN (GB)	9-10-31	60-64
FRED NORRIS (GB)	9-4-21	70-74
AL OERTER (FORT MEYERS, FL)	9-19-36	55-59
FRANKLIN PENNOCK (SAN JOSE, CA)	9-27-1	90-94
WALTER SCHREIBER (WG)	9-12-21	70-74
GEORGE SCOTT (NZ-LONG BEACH, CALIF)	9-14-36	55-59
ANDREW SEMPLE (AUSTRALIA)	9-29-26	65-69
JERRY SMART (WESTMINSTER, CA)	9-11-31	60-64
ZEKI TAMER (CINCINNATI, OH)	9-15-11	80-84
ARTHUR TAYLOR (CANADA)	9-1-26	65-69
ART VESCO (SAN MARINO, CA)	9-27-11	80-84
DEWEY VROOM (WHITTIER, CALIF)	9-29-26	65-69
WILLIAM WINSLOW (DAYTON, OHIO)	9-11-21	70-74
TOM WOODRING (HI)	9-25-36	55-59
HERM WYATT (LOS GATOS, CA)	9-13-31	60-64

CUMULATIVE PRIZE MONEY EARNINGS MASTERS MEN 1991

RNK	NAME	ST/NAT	CUM PRIZE
1	Campbell, John	NZL	\$24,250
2	Romesser, Gary	IN	\$10,300
3	Judson, Ken	PA	\$10,000
4	Tibaduiza, Domingo	COL/NV	\$9,125
5	Rodgers, Bill	MA	\$6,700
6	Navarro, Artemio	MEX	\$6,600
7	Hamilton, Ken	CAN	\$5,900
8	Maigwa, Wilson	KEN/TX	\$5,900
9	Cuevas, Mario	MEX	\$4,350
10	Marczak, Ryszard	POL	\$4,050
11	Paul, Don	CA	\$3,650
12	Vera, Manuel	MEX	\$3,650
13	Bell, Doug	CO	\$2,350
14	Osnes, Kaare	NOR	\$2,200
15	Reimer, Rick	CO	\$2,150
16	Schlau, Bob	SC	\$2,015
17	Lopez, Luis	CRC	\$1,900
18	Umberg, Richard	SUI	\$1,800
19	Pearson, Jim	FL	\$1,750
20	Krivoy, Vladimir	URS	\$1,400
21	Navarro, Artemio	MEX	\$1,250
22	Alberg, Larry	WA	\$1,100
23	Owens, Earl	GA	\$1,050
24	Ortega, Fred	N/A	\$1,000
25	Koskei, Kipsubai	KEN	\$1,000

CUMULATIVE PRICE MONEY EARNINGS MASTERS WOMEN 1991

RNK	NAME	ST/NAT	CUM PRIZE
1	Grayson, Nancy	SC	\$16,365
2	Binder, Laurie	CA	\$13,500
3	Welch, Priscilla	GBR/CO	\$13,450
4	Striulli, Grazilla	ITA	\$9,300
5	Oshier, Nancy	NY	\$4,350
6	Virga, Carol	FL	\$4,850
7	Wood, Mary	CO	\$4,300
8	Hine, Judith	NZL/MN	\$3,625
9	Filutze, Barbara	PA	\$3,400
10	Keskitalo, Sennika	FIN	\$3,000
11	Ciavarella, Claudia	TN	\$2,600
12	Hutchison, Jane	MO	\$2,600
13	Matson, Shirley	CA	\$2,000
14	Greer, Judy	FL	\$1,450
15	LaPierre, Odette	CAN	\$1,400
16	Banning, Linda	SC	\$1,250
17	Blais, Helene	N/A	\$1,150
18	Miesczak, Nancy	NY	\$1,100
19	Ingelhart, Alfreda	CA	\$1,100
20	Miller, Kathryn	N/A	\$1,000
21	Stroosmoer, Marcia	N/A	\$1,000
22	Nielsen, Ana	ARG	\$1,000
23	de St. Croix, M	N/A	\$900
24	Kluttz, Susie	NC	\$900
25	Jordan, Janet	OR	\$900



The Director's Corner

by DEAN REINKE

CIRCUIT HAPPENINGS

Moving into the second half of the Sorbothane USRA Masters Circuit, the Rockland Half-Marathon (914-359-5425) is the fifteenth race on the circuit... On September 29, the Pittsburgh Great Race will offer \$4600 of its \$40,100 prize purse to runners 40 and over... Old Spaghetti Factory is getting involved with road races throughout the country. The Portland-based 27-store chain will be involved with events this fall in Nashville, Indianapolis, Honolulu, Kansas City and Cincinnati... In its third year on the Sorbothane Circuit, the Oklahoma City Myriad Gardens 10K will be October 5. It will attract over 3000 runners (405-297-2597).

John Campbell's fall marathon? The Toronto Marathon published a \$70,000 (Canadian) prize purse and an equal amount in appearance money. The accompanying 10K will feature a \$5000 prize purse. Former miler John Craig is race director for the Oct. 6 event... Former Sorbothane Circuit member, the Crim Road Race in Flint converted to prize money after 14 years of an appearance money race. \$58,600 was divvied up... Kudos to Frank Shorter for his 1972 Olympic Marathon victory being named as the greatest moment in U.S. marathon history by MasterCard.

I caught up with Bill Rodgers at the Bix-7 last month. Bill ran very little for two mon-

ths due to injuries. During that time, he took a three week trip to South Africa to serve as the commentator for the 56-mile Comrades Marathon... Boston Billy finished third at Bix behind John Campbell and Indiana's Gary Romesser... Bix was to have been the long-awaited showdown between Campbell and Mexican phenom Manuel Vera. Race Director Ed Froehlich received a phone call late Friday night saying that Vera was not able to attend. Reports were circulating, however, that Vera was in Finland at the World Championships... \$1700 is on the line for masters at the New Haven 20K Road Race on Labor Day. The same day in Chicago, \$500 of the \$12,000 Park

Forest Scenic 10 mile purse is for the 40+ category.

California's Laurie Binder is having a phenomenal year. She captured the Bix Road Race in a course record of 39:28. She picked up \$1000 for her 52:45 15K win at the Cascade Run-Off in Portland. She also set an American Best of 27:33 for an 8K at the Fujitsu Race in San Jose. She also made it three in a row at Peachtree in Atlanta, running 35:04, 23 seconds ahead of Columbia's Nancy Grayson... \$1000 will go to the first male and female master at the Philadelphia Distance Run this month... After a year's absence due to injuries, Switzerland's Gabriele Andersen was runner-up to Binder at the Bix in Iowa, ahead of Pennsylvania's Barb Filutze.

Artemio Navarro established a tentative world best for 15K at the Cascade Run-Off, turning in a phenomenal 44:44 nearly a minute ahead of country-mate Vera. Domingo Tibaduiza captured third... Three weeks later, Vera turned the tables on Navarro winning Peachtree in an impressive 29:27, 45 seconds ahead of Navarro. Domingo Tibaduiza, who finished third behind the duo in Cascade, repeated his bronze-medal performance at Peachtree. The three finished in the same slots two weeks later at the Utica Boilermaker in New York with Vera running 45:52, Navarro 46:27 and Tibaduiza in 47:14... Columbia's Grayson, the subject of a feature in the September issue of *Running Times* captured the Boilermaker womens masters division in 55:15 with Filutze one minute behind.

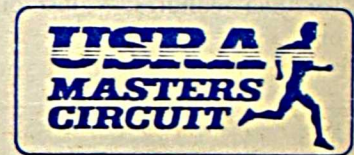
Finland's Marti Vainio, who turned 40 last December, broke the 15-year-old 10,000 meter track record running 28:30.88 this past summer. Vainio was the 1984 Olympic 10K medalist disqualified for a positive steroid test... Looking for a unique February 1992 marathon? How about the February 16 Ho Chi Minh Marathon in North Vietnam? With promoter Bob Walsh at the helm, the event will have an extensive prize money purse... October 13 is the date for the new INB Stampede in Indianapolis carrying a \$33,000 prize purse. No word on how much masters money, but there are few races in the Hoosier State with any amount of money, so this is a noteworthy development.

Hats off to the KAZY Marathon in Denver for allocating \$30,000 of its marathon purse to masters runners... \$1000 of the \$15,000 prize purse at the Tufts 10K for Women on October 14 will go to masters women... A pending world best was run by Domingo Tibaduiza at the Fujitsu 8K. He ran 23:45 for a just shy of 5 miles distance. The previous best was set at the Sorbothane USRA Masters Circuit Championship two years ago in Naples, Florida by Mario Cuevas in 23:49... The first major commitment for the 1992 Sorbothane USRA Masters Circuit National Championship comes from Olympian Frank Shorter. The Championship will be held on February 1 in Orlando. Shorter has run every event and officials are anticipating another stellar field. Minimum \$2500 purse is guaranteed and many of the additional Grand-Prix age division winners will be determined.

In its third year on the Sorbothane Circuit, the October 30 Tandem-Dayton River Corridor Classic Half Marathon is consistently ranked among the Midwest's 15 top road races. 1991 is no exception with over a third of its prize money dedicated to the masters athletes (513-885-4683)... One of the last holdouts as an appearance money race is the Virginia 10-miler on

September 20 with a \$30,000 appearance budget... Nike's Mike Cook will head up the lead athletes for Reebok. Masters athletes should contact him at 617-341-5000... At my old stomping ground at Brooks, Greg Myer now heads up Athlete and Event Promotions for Brooks at 616-866-5500.

Sad to see the Bristol Tennessee Autumn Chase event this month lose its prize money, but the event will still be held and will convert to a 5K from a 10K... Early leader on the Circuit Rookie-of-the-Year honors is Indiana's Gary Romesser. He ran a quick 19:29 at the Steamboat 4-miler in Peoria and came back to give John Campbell all he could handle at the Buffalo 4-mile chase in 19:26. Campbell won the chase in 19:07. Priscilla Welch captured Steamboat in 22:34 while Barb Filutze led the women in Buffalo, besting Nancy Oshier by 26 seconds... While in Iowa to announce the Bix last month, I had the chance to catch up to John Campbell. Campbell has been fighting injuries for about 2 months. He's been in New Zealand with his new girlfriend Katie Barta. They just bought a pub in John's hometown and



she'll be running that while he travels back and forth to race in America. While there has certainly been speculation as to how much more road racing Campbell will do with increased competition, the competitive fires appear to be still hot as plans call for him to still run the Sorbothane Circuit Championship in February in Orlando.

Join me among those mourning the death of Joe Law, Clydesdale Runner's Club founder. While his work will be carried on, many should emulate his genuine enthusiasm. We'll miss you Joe... Make that \$1700 for masters at the New Times Connecticut Classic September 8 in Danbury... Welcome aboard to the Delaware Distance Classic October 6 in Wilmington. The 15K will direct \$200 of its \$2000 purse to masters runners (302-234-1189)... The Sorbothane Circuit's first venture into Nebraska will be in Omaha on November 2 for the Omaha Riverfront Marathon 10K... The Fox City Marathon in Appleton has been making a big splash for its October 12 race. Good masters money among the \$33,000 prize funds.

Keep an eye on Masters Sports Newsletter published quarterly by Mike and JoAnn Hurley... While not on the Sorbothane Circuit in 1991, Macon, Georgia's Southern Jubilee Run will still be held on Sept. 21 (407-647-2918)... All indications are that defending Sorbothane USRA Masters Circuit Grand Prix Champion Nancy Grayson will be tough to beat this year. Grayson leads the Lily of France Women's Division while the PowerBar Men's Division appears to be up for grabs among a number of top names. John Campbell is the defending Sorbothane Circuit champion... While Mobile, Ala., is known in the running community by the Azalea Trail Run, the Senior-Bowl/Delchamps Charity Run 10K has quickly risen to be one of the South's top events. We're proud to have the event as a new member of the Sorbothane USRA Masters Circuit this year on November 2. Top southern masters runner Richard Dorman handles athletes at 205-458-2276.

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MASTERS SCENE

NATIONAL

• **Pam Calvert** of Ballwin, MO, should have been credited with a third W45-49 AR in addition to those in the 400H (71.20) and TJ (9.41) at the Nationals in Naperville, IL, in July. She high-jumped 4-4 3/4, erasing Shirley Smith's 4-4 of 1982. Calvert also owns the W45 indoor record (4-4 1/4), which she broke in the '91 Nationals, Blaine, MN, in March.

• **Marion Coffee** of Austin, TX, broke the W50-54 AR for the 300 mH with a 66.67 in the Nationals in Naperville. The old record of 68.14 was held by Tami Graf.

• **Fred Waybright**, 43, South Charleston, WV, led his Team West Virginia to victory in the National Masters 50 Mile Championships, Columbus, OH, April 7, with a first-place 5:55:40. Hoping for a 5:30, Waybright rolled through the half-way mark in 2:38:11, but warm humid weather took its toll on the field. **Virginia Farneman**, 53, Columbus, claimed W40+ honors with an 11:24:40, when **Lynn Nutter**, 44, Glencoe, IL, who finished in 10:11:51, did not report a TAC membership. First woman was **Debra Moore**, (38, 8:11:31) of Cincinnati.

• The results of the M65 1500 in the National Senior Sports Classic (August NMN) were incorrect. Please see this month's results section for correct results.

EAST

• **Reverend Norm Green**, 59, was elected President of the American Running and Fitness Association. He is currently director of the office of Planning Resources for the American Baptist National Ministries in Valley Forge, PA. Green holds numerous age-group records in track and road events from 8K to the marathon. **Fay Bradley**, M.D., a top masters M50 runner from



Joan Rowland, who won the W65 5000 RW (AR32:11.90) and 10K RW (67:49), warms down on the North Central College campus, site of the National Masters T&F Championships, Naperville, Ill., July 4-7. Photo by Jerry Wojcik



Judith McMullen, W40 first (1:44:12), Windward Half-Marathon, Kailua, Hi., May 19.

Photo by Tesh Teshima

Washington, D.C., was elected to the group's Board of Directors.

• **Linda Lucas**, 41, of Patchogue, Long Island, who was the overall women's winner (3:19) in the 1991 *Newsday* Long Island Marathon but was disqualified by race officials because she was paced by her husband for the entire race, was, upon appeal, declared the winner by a jury composed of local track officials, who reasoned that the TAC pacing rule "could not be a basis of disqualification" because the race was a non-sanctioned event and had "no published terms and conditions."

• **Tim Smith**, M40, won (34:35) the Montville Masters 10K, Oakdale, CT, July 7. **Ernie Dumas**, M50, finished second (34:49). **Geoffrey Etherington**, M60, ran an outstanding 41:23. **Jan McKeown**, W40, was first woman (41:27).

• **Gary Null** shattered his M45-49 WR for the 1500 RW by 23 seconds with a 6:27.5 in the Garden State AC meet, Randolph, NJ, June 30. **Jim Sutton** broke **Joe King's** M60 1500 AR (4:46.96) with a 4:39.5. **Madeline Bost**, W50, earned a good chance at a WR in the PV with a 6-7 1/2 (2.09), after enough women's PV stats are compiled. The host Garden State AC took the team championship with a 302 total, with **Shore AC** second at 125.

• **Hector Vargas** (44, 1:17:27) and **Suzanne Rohr** (41, 1:31:33), eighth of 227w finishers, were top masters in the NYRRC Westchester Half-Marathon (White Plains to New Rochelle), June 23.

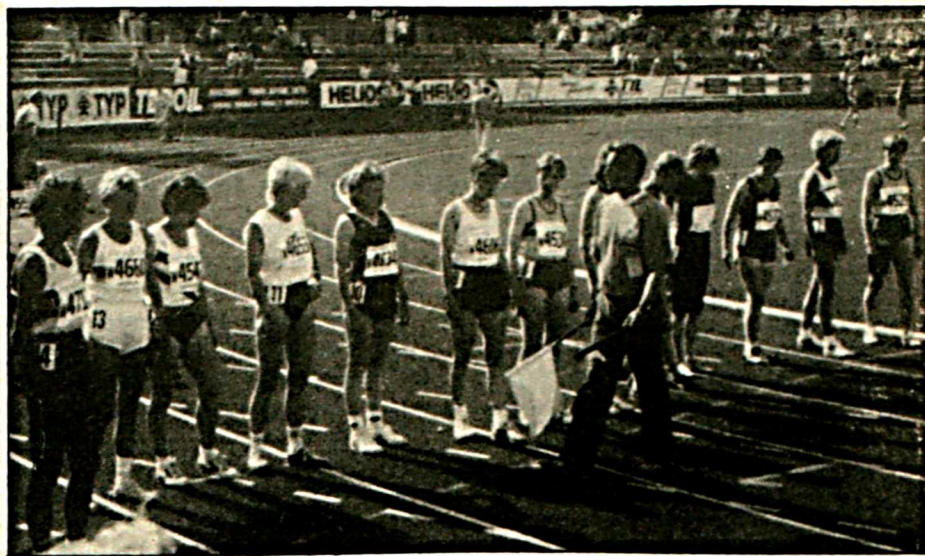
• **Indiana's Gary Romesser** (40, 30:50) and **South Carolina's Nancy Grayson** each won \$750 for masters firsts at the Asbury Park, N.J. 10K August 10. **Nancy Oshier** (43, NY, 36:12, \$400) and **Barbara Filutze** (45, PA, 36:15) followed Grayson. Complete results next month.

MIDWEST

• **Michigan Runner** magazine recently named **Greg Osmun**, 51, Michigan Runner of the Year. His 1990 performances included: 5K - 17:14; 8K - 27:50; 10K - 35:25; 15K - 55:16; 25K - 1:32:53 and marathon - 2:46:05. He set PR's in three events and was first masters finisher in four races. Osmun was also the Grand Rapids (MI) track club Runner of the Year in the 50-59 age group. Other masters awarded that honor were: **Mike Persak**, 40-49; **Wally Ypma**, 60 over; **Marie Smythe**, W40-49; and **Mary Namey**, 50+

MID AMERICA

• **John Campbell** notched his 43rd consecutive masters triumph and \$1000 with a 35:52 in the Quad City Times Bix 7-Miler in Davenport, LA.



Start of the W45 1500 in Turku. Britain's Pat Gallagher (3rd from left, #4542) won in 4:48.40.

July 27. **Bill Rodgers** (43, 36:27) picked up \$500. On the distaff side, **Laurie Binder** (43, \$1000) ran 39:28; **Gabriele Andersen** (45, \$500) clocked 41:19, and **Barbara Filutze** (44, \$250) zipped 41:38. A record 18,000 runners competed in the annual event, won by **Ken Martin** (32:21) and **Uta Pippig** (37:04).

WEST

• **Helen Dick**, 66, Los Angeles, broke the W65-69 U.S. 5K record of 23:33 held by **Mary Storey**, with a 23:09 (85% age-graded performance) in the Gardena 5000, Gardena, CA, June 20. **Stephen Keyes** (42, 15:47), Los Angeles, and **Michele Tiff** (40, 18:42), Los Angeles, were first 40+.

• A correction for the M60 short hurdles in the TAC/Pacific Championships results (August, p. 34) should show **John Martel** as winning in 17.66, with **Will Robinson** second in 17.95.

Dennis Rietz's first-place M55 discus mark of 157-11 in the Northern Calif. Seniors results (August, p.35) should have been 117-0.

NORTHWEST

• **Ed Lipscomb**, Portland, OR, won the M40 PV with a best-of-meet 16-1, Oregon State Games, Portland, July 14.

INTERNATIONAL

• **Titus Mamabola** set a new world M50 marathon best of 2:19:59 in Durban, South Africa on July 20. The old standard was 2:20:38, set by New Zealand's **Jack Foster** in 1982.

• **Harry Lambert** of Johannesburg, South Africa died on May 24 of prostate cancer. He was 69. Lambert competed several times in the U.S., winning the M55 steeplechase in the U.S. National Championships in Atlanta in 1978.

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schedule

Track and field events feature competition for men and women over 30 unless otherwise noted. Long distance events generally are open to all age groups with the exception of national masters championships, which may be limited to men and women over age 40. Entry blanks for national and regional championships will generally be printed in the newspaper 30-60 days prior to the event. Please send any additions or corrections to NMN, P.O. Box 2372, Van Nuys, CA 91404.



December 2-7. 13th Annual TAC Convention, Sheraton Hotel, New Orleans, La. TAC/USA, P.O. Box 120, Indianapolis, IN 46206. 316/261-0500.

TRACK & FIELD NATIONAL

September 21. TAC/USA National Masters 56 Pound Weight Throw Championships, Greenville, S.C. Entry deadline September 10. Dick Bloomfield, 103 Crestwood Dr., Greer, SC 29651. 803/879-7839; 803/288-6560 (d).

June 19-28. U.S. Olympic Track & Field Trials, New Orleans. 504/484-1992.

August TBA. 25th TAC/USA National Masters Championships, Spokane, Wash. Vernie Foxley, Spokane Falls Community College, Athletics MS-3070, W. 3410 Ft. George Wright Dr., Spokane WA 99204-5288. Phone: 509/459-3644; Fax: 509/623-4128.

EAST

Connecticut, Delaware, Massachusetts, Maryland, Maine, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Virginia, Vermont.

September 13-14. Maine Senior Games, Portland. 55+. Anita L. Chandler, P.O. Box 10480, Portland, ME 04104. 207/775-6503.

September 15-22. Granite State Senior Olympics, Concord, N.H. 55+. Ray Lacasse, Div. of Elderly Services, 6 Hazel Dr., Concord, NH 02201. 603/271-4642. St. residents only.

September 19. Green Mountain Senior Games, Weston, Vt. 55+. St. residents only. Ardis Smith, Rt. 1, Box 93, Weston, VT 05161. 802/824-6521.

September 22. N.Y. Masters Mini Meet (throws/jumps only), Kings Point, N.Y. Jai Singh, 254-24 75 Ave., Glen Oaks, NY 11004. 212/704-5582 (8-11 pm).

SOUTHEAST

Alabama, Florida, Georgia, N. Carolina, S. Carolina, Tennessee.

September 21-22. Thomasville Fall Masters Invitational Decathlon, Thomasville, N.C. Bill Busby, 11 Culbreth Ave., Thomasville, NC 27360. 919/476-1228.

September 26-29. North Carolina Senior Games, Raleigh. 55+. St. residents only. Margot Raynor, P.O. Box 33590, Raleigh, NC 27636. 919/851-5456.

September 27-28. Georgia Golden Olympics, Atlanta. 55+. Vicki Pilgrim, 878 Peachtree St., NE No. 102, Atlanta, GA 30309. Atlanta, GA 404/894-4451.

October 12. Last Chance Mini-Meet, Vanderbilt U., Nashville, Tenn. R. Brady, 2709 Linmar Ave. #5, Nashville, TN 37215.

November 3-9. Golden Age Games, Sanford, Fla. 55+. Golden Age Games, Box 1778, Sanford, FL 32772-1778. 407/330-5687.

December 29. Holiday Weight Pentathlon, Atlantic H.S., Delray Beach, Fla. Phil Partridge, 337 SW 14th Ave., Boynton Beach, FL 33435.

MIDWEST

Illinois, Indiana, Kentucky, Michigan, Ohio, Wisconsin, West Virginia.

September 19-22. Illinois Senior Olympics, Springfield, Ill. 55+. Annette Fuchs, 1415 N. Grand Ave. East, Springfield, IL 62702. 217/789-2284.

September 21-26. River City Senior Games, Evansville, Ind. 55+. Steve Patrow, 7 SE Seventh St., Evansville, IL 47708. 812/464-7800.

September 27-30. Kentucky Senior Games, Bowling Green. 55+. Charlie Daniel, W. Ky. U., Bowling Green, KY 42101. 502/745-6042. St. residents only.

MID-AMERICA

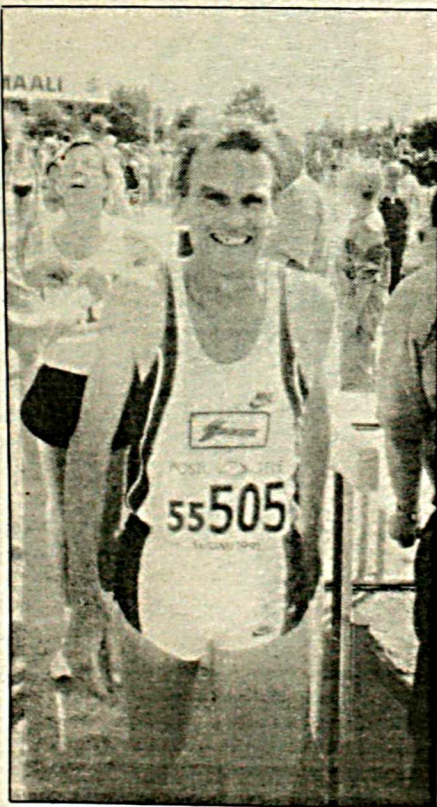
Arkansas, Colorado, Iowa, Kansas, Minnesota, Missouri, N. Dakota, Nebraska, Oklahoma, S. Dakota.

September 5-7. South Dakota Senior Olympics, Pierre. 55+. Jaci Casanova, 700 Governor's Dr., Pierre, SD 57501. 605/773-3656.

September 13-15. Heart of America Senior Olympics, Kansas City, Mo. Ben Thompson, 10000 Wornall Rd., Ste. 1110, Kansas City, MO 64114. 816/942-0994.

September 25-29. Oklahoma Senior Olympics, Tulsa. 55+. Craig Thompson, Parks & Recr., 707 S. Houston, Ste. 201, Tulsa, OK 74127. 918/596-7877.

October 19. Kansas Big Guys Classic IV, U.



Belgium's Gerard Van Nuffelen winning the World Veterans M55 10K Cross-Country Championships in Finland. Van Nuffelen also won the 10K track race in 33:40.67.

of Kansas, Lawrence, Gary England, Rm. 143, Allen Fieldhouse, Lawrence, KS 66045. 913/864-5635.

WEST

Arizona, California, Hawaii, New Mexico, Utah.

September 22. Sri Chinmoy Masters Meet, UC-Irvine, Calif. 45+. Bigalita Egger, 1921 S. Sherbourne Dr., Los Angeles, CA 90034. 213/838-4746.

October 19. Club West Masters Meet, Santa Barbara, Calif. Lloyd Albright, 3722 Cordero Dr., Santa Barbara, CA 93105. 805/682-9540.

October 22-25. World Senior Games, St. George, Utah. 50+. T&F/Road Races; 5K (10/23), 5K RW (10/24), 10K (10/25). Sylvia Wunderli, 1605 Walker Center, Salt Lake City, UT 84111. 801/583-6231.

CANADA

September 7. Canadian Masters Inter-Club Championships, Etobicoke, Ont. Jaan Roos, 416/481-9186.

September 8. Ontario Masters Weight Pentathlon, Etobicoke, Ont. M&W 35-80+. Roman Olszewski, 45 Wellandale Dr., Welland, Ont. L3C7C4. 416/732-9955(b); 734-9574(r).

INTERNATIONAL

September 13-15. VII Veteran Athletics Championships, Indonesia Open, Jakarta, Indonesia. Djoko Saptono Slamet, Jalan Cilandak Tengah 1, No. 8, Jakarta 18430, Indonesia. 871-0211(w); 769-7850.

September 21-22. San Juan International Meet, San Juan, Puerto Rico. PR Masters Association, P.O. Box 31300, 65th Infantry Station, Rio Piedras, PR 00929-0300. 809/763-5172.

October 8-20. 3rd Australian Masters Games, Brisbane, Australian Masters Games Hotline: (07) 221-1890.

November 1-4. Miyazaki International XII All-Japan Masters Athletic Championships, Miyazaki Prefecture. Miyazaki Prefectural Office, 2-10-1 Tachibanadori-higashi, Miyazaki City, Japan. 0985-26-7033. Fax: 0985-26-7331.

July 25-August 9. XXV Olympics, Barcelona, Spain.

LONG DISTANCE RUNNING NATIONAL

September 28-29. TAC/USA National Masters 24-Hour Championships, Portland, Ore. Phil Edmunds, P.O. Box 591, Wilsonville, OR 97070. 503/682-1315.

October 6. TAC/USA National Masters Marathon Championships, Minneapolis, Minn. Bruce Mortenson, 15301 Highland Place, Minnetonka, MN 55345.

October 26. TAC/USA National Masters 10K Cross-Country Championships, Louisville, Ky. Bob Ulrich, P.O. Box 6667, Louisville, KY 40206. 502/459-6820.

October 26. TAC/USA National Masters 100K Championship, Duluth, Minn. Bill Wenmark, 18665 Rutledge Rd., Deephaven, MN 55391. 612/593-9014. Fax: 512/593-9809.

November 2. TAC/USA National Masters 15K Championships, Tulsa, Okla. Stan Austin, Tulsa Run Inc., 1 William Center, Box 2400, Tulsa, OK 74102. 918/299-3429.

November 3. TAC/USA National Masters 5K Cross-Country Championships, Columbus, Ohio. John White, 4865 Arthur Place, Columbus, OH 42230. 614/459-2547.

November 23. TAC/USA National Masters 25K Championships, San Diego, Calif. Also Team Championships. SASE to Joni Shirley, 8565 Lake Murray Blvd., No. 223, San Diego, CA 92119. 619/465-1049.

November 30. TAC/USA National Masters 8K Cross-Country Championships,

ON TAP FOR SEPTEMBER

TRACK AND FIELD

Throwers will descend on Greenville, S.C., for the National Masters 56-Pound Weight Championships on the 21st.

Also during the weekend of the 21st-22nd, a mini-meet (jumps and throws) is scheduled for Kings Point, N.Y.; a decathlon in Thomasville, N.C.; the Sri Chinmoy meet in Irvine, Calif; and the San Juan International Meet in Puerto Rico. Athletes ages 55-and-older can choose from a host of senior games scheduled throughout the month.

LONG DISTANCE RUNNING

Portland, Ore., hosts the National Masters 24 Hour Championships on the 28th-29th.

Races with masters money prizes on the 2nd include the New Haven 20K, Conn., and the Park Forest 10 Mile, Ill.

Races of interest to masters on the 15th include the Chubb Life, Concord, N.H.; Philadelphia Half-Marathon, Eriesistible Marathon, Erie, Pa.; and Minnesota Masters 15, Edina.

The Great Cow Harbor 10K on Long Island and the Prefontaine 10K in Coos Bay, Ore., are noteworthy races on the 21st. The Rockland Half-Marathon, Orangeburg, N.Y., on the 22nd is a USRA Masters Circuit event.

Options on the 29th range from the Freihofer's Women's 5K, Syracuse, N.Y., to the Great Race 10K, Pittsburgh, Pa., or the Louisiana Masters 5K, New Orleans; or the Duke City Marathon, Albuquerque, or the Portland Marathon in Oregon.

RACEWALKING

The National Masters 40K Championships return to Lincoln, N.J., on the 15th. Every weekend has an event from the 1st through the 29th in distances from the 3K through the 15K. □

Franklin Park, Boston Mass. Steve Vaitones, New England AC, P.O. Box 1905 Brookline, MA 02146. 617/566-7600, or John McGrath, Boston X-C Committee, P.O. Box 252, Boston, MA 02113. 617/891-4538.

December 8. TAC/USA National Masters 8K or 10K Championships, New Orleans, La. Contact TBA.

EAST

Connecticut, Delaware, Massachusetts, Maryland, Maine, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Virginia, Vermont.

September 2. New Haven 20K, New Haven, Conn. M&W40+ \$500-250-100. John Bysiewicz, P.O. Box 1893, New Haven, CT 06508. 203/397-0214(b).

September 8. News-Times 10K Connecticut

Continued on page 25

Continued from page 24

Classic, Danbury, Rick Langley/The News-Times, 333 Main St., Danbury, CT 06810. 203/731-3324; 744-5100.

September 8. Roosevelt Island Fall 10K, NYC. NYRR, 9 E. 89th St., NY, NY 10128. 212/860-4455.

September 14. Sentara Bay Days 10K, Hampton, Va. Sentara Bay Days 10K, 300 Butler Farm Rd., Hampton, VA 23666. 804/766-2658.

September 15. Dutchess County Marathon/Half-Marathon, Wappingers Falls, N.Y. Irwin Miller, Box 157, Lagrangeville, NY 12540. 914/471-0777.

September 15. NYRR Women's Half-Marathon, Central Park, NYC, NYRR, 9 E. 89th St., NY, NY 10128. 212/860-4455.

September 15. Chubb Life 5K & 10K. Concord, N.H. SASE to Chubb Life Run, One Granite Place, Concord, NH 03301, Michael Holmes, 603/226-5216; Linda Frawley, 226-5298.

September 15. Philadelphia Distance Run Half-Marathon, Philadelphia, Pa. Mark Stewart, 30 S. 17th St., Philadelphia, PA 19103. 215/636-4975. Fax 215/636-4990.

September 15. Eriesistible Marathon, Erie, Pa. Pete Ogden, P.O. Box 1906, Erie, PA 16507-0906. 814/899-4974.

September 21. Great Cow Harbor 10K, Long Island, N.Y. 516/862-7722.

September 21. Haworth Run 10K/5K/5K R.W. Haworth, Bergen County, N.J. SASE to: Haworth Run, c/o Leslie LaFronz 46 Schraalenburgh Rd., Haworth, NJ 07641. 201/384-8184.

September 21. 11th annual Nike Capital Challenge 3 Mile, Washington, D.C. Jeff Darman, NCC, 2101 Wilson Blvd., Ste 437, Arlington, VA 22201. 703/276-0056.

September 21. Newark Harrier 5K Cross-Country, Newark, N.Y. Pete Glavin, 716/654-8991(d); 385-2679(e).

September 22. Spiegel Associates Ocean To Sound 50-Mile Relay, Long Island, N.Y. \$1000 to first M40+ & W40+ teams. POBRRC Relay, 62 Sylvia Ln., Plainview, NY 11803, Alan End, 516/735-0981.

September 22. Staten Island Half-Marathon, Staten Island, N.Y. NYRR, 9 E. 89th St., NY, NY 10128. 212/860-4455.

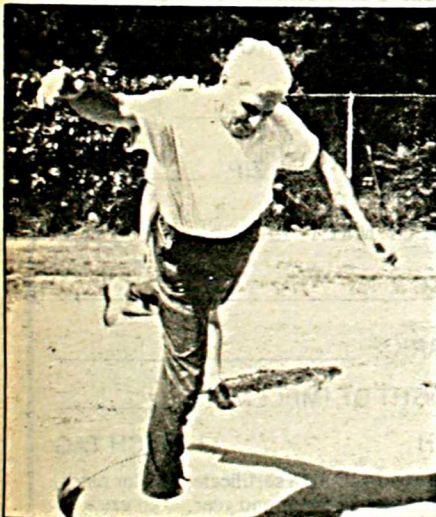
September 22. Rockland Half-Marathon, Orangeburg, N.Y. USRA Masters Circuit. Shelly Morgan, Box 249, Orangeburg, NY 10962. 914/359-5425.

September 28. Genesee Valley Park 5K Cross-Country, Rochester, N.Y. Pete Glavin, 761/654-8991(d); 385-2579(e).

September 28. The Virginia Ten-Miler, Lynchburg. Marilyn Reynolds-Straub, P.O. Box 3035, Lynchburg, VA 24503. 804/525-5420.

September 29. Freihofer's 5K Run For Women, Syracuse, N.Y. David Oja, 213 Scott Ave., Syracuse, NY 13224. 315/446-6285.

September 29. The Great 10K Race, Pittsburgh, Pa. Mike Radley, 459 City Cnty



Scott Herman, shot put M70 winner (13.31), TAC National Masters T&F Championships, Naperville, Ill., July 4-7. Photo by Jerry Wojcik

Bldg., Pittsburgh, PA 15219. 412/255-2493.

October 6. Delaware Distance Classic 15K, Wilmington. USRA Masters Circuit. Doug White, 302/234-1189, or Dean Reinke & Associates, 407/647-2918.

October 6. Connecticut Senior Olympic 10K Race & Racewalk, Bridgeport. 55+. Under 55 run as open. CT Sr. Olympics, U. of Bridgeport, 120 Waldemere Ave., Bridgeport, CT 06601. Ginger or Will, 203/576-4722; 576-4242.

October 6. Women's 5K Race For The Cure, Central Park, NYC. NYRR, 9 E. 89th St., NY, NY 10128. 212/870-4455.

October 12. Mendon Ponds Park 5K Cross-Country, Hendon, N.Y. Pete Glavin, 716/654-8991(d); 385-2679(e).

October 12. Applefest Half-Marathon, Hollis, N.H. Bill Gray, 24 Woodhawk Way, Litchfield, NH 03051. 603/889-8049.

October 19. Mercedes Mile On Fifth Ave., NYC. NYRR, 9 E. 89th St., NY, NY 10128. 212/860-4455.

SOUTHEAST

Alabama, Florida, Georgia, N. Carolina, S. Carolina, Tennessee.

September 21. Autumn Chase Festival 10K, Bristol, Tenn. Masters money. Dennis Wagner, 112 Sixth St., Bristol, TN 37620. 615/461-4336.

September 21. Southern Jubilee 5K, Macon, Ga. Dean Reinke & Associates, 400 N. New York Ave., Ste 103, Winter Park, FL 32789. 407/647-2918.

September 28. Governor's Cup 25K, Columbia, S.C. Masters money. Ed Prytherch, 135 Woodshore Dr., Columbia, SC 29223. 803/788-8941.

October 5. Av-Med Coconut Grove 5 Miler, Miami. Florida Masters Road Race. 800/940-4RUN.

MIDWEST

Illinois, Indiana, Kentucky, Michigan, Ohio, Wisconsin, West Virginia.

September 2. Park Forest Scenic 10 Mile, Park Forest, Ill. Masters money. Park Forest Scenic Ten, 200 Forest Blvd., Park Forest, IL 60566. 708/748-2005.

September 14. AMC Challenge Cup 5K/10K, Appleton, Wisc. Gloria West, Inc., 316 N. Appleton St., Appleton, WI 54911. 800/452-9526.

September 21. AUL Governor's Cup Finale 8K, Indianapolis, Ind. Masters money. Don Carr, 8163 E. Avery Dr., Indianapolis, IN 46268. 317/876-1871.

September 27 (Fri. p.m.). Night Moves 5 Mile, Columbia, Ohio. Julie Collet, March of Dimes, 1500 W. Third Ave., Ste. 303, Columbus, OH 43212. 614/486-5243.

September 28. Oktoberfest Half-Marathon, La Crosse, Wisc. Valley View Fitness & Racquet Club, 3939 CTH "B," La Crosse, WI 54601. 608/781-4614.

October 12. Bowling Green 10K, Bowling Green, Ky. Rick Kelley, Box 1802, Bowling Green, KY 42102. 502/782-3660.

October 13. Tandem-Dayton River Corridor Half-Marathon, Dayton, Ohio. USRA Masters Circuit. Lloyd Laubach, Wright Brothers, Box 9154, Dayton, OH 45409. 513/296-1845.

October 27. Chicago Marathon, Chicago, Ill. Also Rogaine 5K. Chicago Marathon, 223 W. Erie, Chicago, IL 60610. 312/951-0660.

MID-AMERICA

Arkansas, Colorado, Iowa, Kansas, Minnesota, Missouri, N. Dakota, Nebraska, Oklahoma, S. Dakota.

September 8. City of Lakes 25K, Minneapolis. Mpls Park & Rec. Board, 310-4th Ave. S. Minneapolis, MN 55415. 612/348-2226.

September 15. Minnesota Masters 15K Championships, Edina. M40+, W35+, Jack Moran, 5429 Wooddale Ave., Edina, MN 54424, 612/920-0558.

September 22. Alamo Alumni Run, Denver. BKB Ltd., 8400 E. Prentice Ave., Ste. 202, Englewood, CO 80111. 303/741-3587.

October 5. Myriad Gardens 10K, Oklahoma City. USRA Masters Circuit. Carolyn Sims, 405/297-2597, or Dean Reinke & Associates, 407/647-2918.

October 6. Continental Insurance Governor's Cup 5K, Denver. Creigh Kelley, 8400 E. Prentice Ave., No. 202, Englewood, CO 80111. 303/741-3587(d).

SOUTHWEST

Louisiana, Mississippi, Texas.

September 29. Louisiana Masters 5K/1 Mile, New Orleans. 40+. 1-yr. age groups (40-49); 3-yr. (50-59); 5-yr. (60+). Chuck George, New Orleans TC, Box 52003, New Orleans, LA 70152. 504/482-NOTC.

October 5. El Paso/Juarez International 15K, El Paso, Texas/Juarez, Mex. El Paso Sun Carnival Assn., 2609 N. Stanton, El Paso, TX 79902. 915/533-4416.

WEST

Arizona, California, Hawaii, Nevada, New Mexico, Utah.

September. Legg Lake Runs, So. El Monte, Calif. A. Martinez, 9502 Reichling Ln., Pico Rivera, CA 90660. 213/949-0394.

September 14. Say No To Drugs 5K/10K/2.8 mile Fun/Run walk, Huntington Beach, Calif. Oscar Rosales, director, 7846 Connie Dr., Huntington Beach, CA 92648. 714/841-5417.

September 28. 3rd Annual Philharmonic Affiliate Tune-up 5/10K, Griffith Park, Los Angeles. Awards in 5-yr age groups to 90. Dorothy Stotsenberg, 818/889-2660.

September 29. Lovelace Duke City Marathon/Half-Marathon/5K, Albuquerque, N.M. Duke City Marathon, Box 14903, Albuquerque, NM 89191. 505/888-2448.

October 5. St. George Marathon, St. George Utah. Kent E. Perkins, 86 S. Main St., St. George, UT 84770. 801/634-5850.

October 5. Manhattan Beach Old Hometown Fair 10K, Manhattan Beach, Calif. Russ Lesser, 213/372-3553; Ann Martin, 213/372-2823.

October 6. Sacramento Marathon/Half-Marathon, Sacramento, Calif. Ron Sturgeon, Box 995, Dixon, CA 95620. 916/678-5005.

October 12. Chrysalis Run For The Homeless 5K/10K, Los Angeles. Susan Romick, 702 S. San Pedro St., Los Angeles, CA 90014. 213/623-9394.

October 12. 10th annual Moving Comfort 8K For Women, San Diego, Calif. Also separate men's race. SASE to Race Director, 2115 Craig Court, Lemon Grove, CA 91945-4237. 619/460-3110.

NORTHWEST

Alaska, Idaho, Montana, Oregon, Washington, Wyoming.

September 2. Founders Day 8K Cross-Country, Ashland, Ore. Tom Burnham, 451 Thornton Way, Ashland, OR 97520. 503/482-4467.

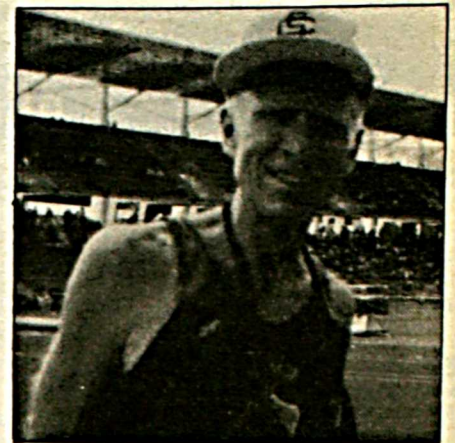
September 8. The Tunnel Run 8K, Seattle. Nancy Welts Productions, 80 Yesler Way, Ste. 300, Seattle, WA 98104. 206/684-6868.

September 21. Prefontaine Memorial 10K, Coos Bay, Ore. Bob Huggins, P.O. Box 1380, Coos Bay, OR 97420. 503/269-1103. Fax 503/269-2381.

September 29. Portland Marathon, Portland, Ore. Portland Marathon, P.O. Box 4040, Beaverton, OR 97076. 503/226-1111.

CANADA

October 6. Toronto Marathon, Ontario. Marathon, 1220 Sheppard Ave. East, Willowdale, Ontario, Canada M2K 2X1. 416/495-4311.



Jim Vernon, M70, of Los Angeles won his 9th consecutive World Veterans Championships pole vault gold medal with a height of 2.70 (8-10 1/4).

INTERNATIONAL

October 11-27. Adventures: India. Multi-day Trial Race, Trek and Delhi Marathon (25th). Extension and optional tours available. Force 10 Expeditions LTD., P.O. Box 30506, Flagstaff, AZ 86003 USA. 1-800-922-1491.

RACE WALKING

September 1. North American Masters 15K RW, open 15K, and 5K races, Albuquerque, N.M. Gene Dix, 2301 El Nido Ct., NW, Albuquerque, NM 87104. 505/242-3713.

September 7. Florida TAC 3000m Championships, Tropical Park, Miami. 305/227-1500.

September 14. Florida Walkers 5K, Greynolds Park, Miami. 305/987-9027.

September 15. TAC/USA National Masters 40K Championships, Lincroft, N.J. Elliott Denman, 28 N. Locust Ave., West Long Branch, NJ 07754. 201/222-9213.

September 21. North Carolina Association/TAC 5K Road Championships, Raleigh, N.C. Woody Hayes, P.O. Box 590, Raleigh, NC 27602.

September 22. Condell Distance Classic 5K RW, Libertyville, Ill. The Medical Center of Lake County, 900 Garfield Rd., Libertyville, IL 60048. 708/362-2900.

September 22. 9th Annual Metropolitan 5K, Central Park, NYC. 212/675-3021.

September 28-29. Casimiro Alongi Invitational Racewalk, Dearborn, Mich. Frank Alongi, 26530 Woodshire, Dearborn, Heights, MI 48127. 313/277-6060.

October 5. Octoberfest 10K Racewalk, Greenville, S.C. Olympic Trials qualifier; open and masters. Certified, sanctioned, masters and national judges. Greenville Rec. Dept., 103 Cleveland Park Dr., Greenville, SC 29601.

October 5. Alden 3K RW, Naperville, Ill. Bill Wojcik, 1525 Oxford Ln., Naperville, IL 60565. 312/286-3883.

October 6. North American Masters 20K Championships and 20K/5K Open. Midland, TX. Norm Fable, P.O. Box 8248, Midland TX 79708. 915/694-2134.

25TH ANNIVERSARY

LAS VEGAS
HALF
MARATHON

& Relay Competition (13.1 Miles)
Sat., Dec. 21, 1991 at 7:30 a.m.

STARDUST

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Mention Run

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6252 Clarence Ave., Las Vegas, NV 89107

Or call: (702) 870-8269 • (702) 878-8414 • Fax (702) 878-1038

RECIPIENTS OF CERTIFICATES AS ALL-AMERICANS FOR ACHIEVING U.S. STANDARDS OF EXCELLENCE

M30-34

Herman Barrett	200	22.28	7-4-91
	400	48.6	7-4-91
Jeff Helton	High Jump	1.95	4-27-91
Cris Gibson	100	11.03	4-13-91
	400	49.91	7-5-91
Dan Glushefski	110H	14.96	6-23-91

M40-44

Mike Wiggins	5K RW	23.59	6-15-91
Dennis Grantz	5K	15:56	6-15-91

M45-49

Phil Martinez	Hammer	41.14	7-5-91
Larry Simmons	3000 RW	14:47.4	3-17-91
Ron Jensen	100	11.97	6-22-91

M50-54

Bob Brewer	3000 RW	15:28.92	6-13-91
Paul Johnson	Mile RW	7:52.8	5-25-91
Fred Pamenter	Javelin	47.58	7-4-91
Fred Lentjes	High Jump	5-4	5-4-91

M55-59

Clarence Trinkner	200	26.66	6-12-91
Robert Meador	5K RW	27:05	2-10-91

M65-69

Jim Platis	Long Jump	16-1½	2-3-91
	Triple Jump	34-2	2-3-91
	High Jump	4-8	2-3-91
Ed Hooker	Discus	43.40	7-4-91

M70-74

Jim Gross	High Jump	4-1	5-18-91
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M75-79

Wilbur Ott	Discus	28.50	5-18-91
Bob Matteson	400	1:20.93	7-1-91
	800	3:20.90	7-2-91

M85-89

George Conway	10K RW	1:23:51	7-13-91
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M60-64

Janet Sweet	5K	25:17	8-11-91
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U.S. MASTERS ALL AMERICAN STANDARDS OF EXCELLENCE FOR MASTERS RACE WALKERS

Event	MEN													
	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	
Mile	7:12	7:24	7:36	7:49	8:04	8:21	8:41	9:18	9:42	10:30	11:48	12:36	14:03	
3000	13:59	14:23	14:46	15:12	15:36	16:12	16:54	18:00	19:00	20:30	23:00	24:36	27:18	
2Mile	15:04	15:30	15:54	16:24	16:54	17:30	18:12	19:24	20:27	22:06	24:48	26:30	29:24	
5000	23:36	24:13	24:48	25:33	26:24	27:18	28:24	30:24	31:54	34:33	38:42	41:24	45:54	
10K	48:08	49:10	50:27	51:54	53:33	55:26	59:06	63:21	66:30	70:09	78:36	84:06	93:18	
15K	1:12	1:14	1:16	1:19	1:23	1:27	1:31	1:35	1:40	1:47	1:58	2:10	2:22	
20K	1:38	1:40	1:43	1:47	1:52	1:57	2:02	2:09	2:17	2:27	2:40	2:55	3:10	

Event	WOMEN													
	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	
Mile	8:00	8:15	8:30	8:45	9:03	9:42	10:18	11:30	12:09	12:54	13:48	15:21	16:48	
3000	15:30	16:00	16:30	17:00	17:33	18:48	20:06	22:12	23:33	25:00	26:48	29:48	32:36	
2Mile	16:44	17:15	17:46	18:18	18:54	20:12	21:36	24:00	25:21	26:54	28:54	32:09	35:09	
5000	26:13	26:56	27:42	28:33	29:36	31:33	33:48	37:30	39:36	42:06	45:09	50:18	55:12	
10K	53:25	54:41	56:12	58:00	63:12	65:48	70:33	76:06	82:42	87:54	94:12	1:41	1:51	
15K	1:24	1:26	1:29	1:32	1:35	1:39	1:46	1:55	2:04	2:13	2:22	2:33	2:48	
20K	1:54	1:57	2:01	2:05	2:09	2:14	2:23	2:34	2:47	3:00	3:13	3:38	3:47	

A minimum of two judges must be present and the competition must be limited to race walkers (i.e. no runners).

U.S. MASTERS STANDARDS OF EXCELLENCE FOR WOMEN

Event	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84
100	13.8	14.2	14.6	15.0	15.6	16.2	16.9	17.8	18.8	20.0	21.2
200	28.0	29.2	30.3	31.4	32.5	34.0	35.7	37.5	40.0	43.5	47.0
400	63.5	65.5	67.5	69.5	71.5	73.5	78.5	83.7	90.0	96.5	103.3
800	2:32	2:35	2:40	2:46	2:54	3:05	3:19	3:36	3:56	4:09	4:35
1500	5:10	5:19	5:29	5:40	5:58	6:20	6:48	7:23	8:04	8:52	9:48
Mile	5:34	5:44	5:55	6:07	6:26	6:49	7:19	7:46	8:47	9:39	10:45
5000	19:45	20:30	21:20	22:16	23:12	24:16	26:08	28:08	30:08	32:21	34:26
10000	41:00	42:40	44:40	47:00	49:30	52:00	56:00	60:00	66:00	76:00	86:00
100H	17.2	18.2									
80H			15.0	15.8	16.5	17.6	18.7	20.2	22.2	25.0	28.0
400H	75.5	79.9	84.4	88.8							
300H					66.0	72.0	79.0	87.0	96.0		
HJ	1.42	1.35	1.27	1.19	1.12	1.07	1.02	.97	.92	.89	.84
	4-8	4-5½	4-2	3-11	3-8	3-6½	3-4½	3-2½	3-0½	2-11	2-9
LJ	5.00	4.60	4.25	3.90	3.55	3.20	2.85	2.60	2.35	2.10	2.00
	16-5	15-1	13-11½	12-9½	11-8	10-6	9-4½	8-6½	7-8½	6-11	6-7
TJ	10.00	9.20	8.60	7.80	7.18	6.40	5.70	5.20	4.70	4.20	3.80
	32-10	30-2½	28-2½	25-7½	23-7	21-0	18-8½	17-1	15-5	13-9½	12-5½
Shot	10.30	9.30	8.40	7.70	7.95	7.20	6.50	5.80	5.25	4.70	4.25
	33-9½	30-6½	27-7	25-3½	26-1	23-7½	21-4	19-0½	17-3	15-5	13-11½
Jav	39.50	33.50	27.50	21.50	25.00	19.00	18.00	16.00	15.00	14.00	13.50
	129-7	109-11	93-6	70-6½	82-0	62-4	59-1	52-6	49-2	45-11	44-4
Discus	30.0	27.8	26.0	24.0	22.0	20.0	18.0	16.0	15.0	14.0	13.5
	98-5	91-2	85-4	78-9	72-2	65-8	59-1	52-6	49-2	45-11	44-4
Hammer	35.0	32.5	30.0	25.0	23.0	20.0	18.0	14.0	12.0	9.0	
	131-3	114-10	98-5	82-0	75-6	72-2	65-8	59-1	45-11	39-5	29-7
20#Wt.	10.00	9.00	8.00	7.00	6.00	5.00	4.00	3.50	3.25	3.00	2.75

notes: 1) 100 standards are for automatic time; use standard conversion for hand time.
2) Short hurdles: 30-39: 33"; 40+: 30"
3) Shot put: 30-49: 4k; 50+: 3k.
4) Javelin: 30-49: 600gm; 50+: 400gm.
5) Hammer: 30-49: 4k; 40+: 3k.
6) Metric heights and distances are the standard; feet and inches listed for convenience.

U.S. MASTERS STANDARDS OF EXCELLENCE FOR MEN

Event	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89
100	11.0	11.33	11.67	12.0	12.5	13.0	13.5	14.0	15.0	16.5	18.0	20.0
200	22.4	23.3	24.2	25.1	26.0	27.2	28.5	29.8	32.4	35.8	39.8	44.0
400	51.0	52.5	54.0	56.0	58.5	61.5	65.0	70.0	76.5	84.5	94.0	105.0
800	2:01	2:04	2:08	2:13	2:19	2:27	2:37	2:49	3:06	3:27	3:54	4:24
1500	4:11	4:15	4:22	4:32	4:45	5:02	5:24	5:47	6:22	7:03	7:59	9:15
Mile	4:31	4:35	4:42	4:53	5:07	5:25	5:49	6:14	6:51	7:38	8:42	10:18
5000	15:30	15:42	16:06	16:44	17:30	18:24	19:36	21:08	23:30	26:00	29:03	33:30
10000	32:11	32:35	33:30	34:45	36:15	38:10	40:30	44:15	48:30	54:30	61:15	68:30
110H	15.3	16.4	17.75	18.75								
100H					18.0	19.0	20.0	21.3				
80H									18.0	21.0	25.0	30.0
400H	57.6	59.7	62.0	64.4	67.2	70.6						
300H					48.0	51.0	55.0	60.0	66.5	74.5	84.0	95.0
3K-SC	10:00	10:20	10:55	11:40	12:30	13:20						
2K-SC							9:30	10:30	12:00	14:00	16:30	19:30
HJ	1.94	1.85	1.76	1.68	1.59	1.50	1.41	1.32	1.23	1.13	1.02	.92
	6-4½	6-3/4	5-9½	5-6	5-2½	4-11	4-7½	4-4	4-½	3-8	3-4	3-1
PV	4.40	4.15	3.90	3.60	3.30	3.05	2.80	2.55	2.30	2.05	1.80	1.50
	14-5½	13-7½	12-9½	11-9½	10-10	10-0	9-2½	8-4½	7-6½	6-8½	5-11	4-11
LJ	6.55	6.20	5.85	5.45	5.10	4.75	4.40	4.00	3.65	3.35	3.00	2.65
	21-6	20-4½	19-2½	17-10½	16-9	15-7	14-5½	13-1½	11-11½	11-0	9-10	8-8½
TJ	13.35	12.65	11.90	11.15	10.40	9.65	8.90	8.20	7.50	6.80	6.10	5.50
	43-9½	41-6	39-½	36-7	34-1½	31-8	29-2½	26-11	24-7½	22-4	20-½	18-½
Shot	15.20	14.10	13.00	12.00	12.40	11.20	12.00	10.80	10.00	8.80	7.65	6.50
	49-10½	46-3½	42-8	39-4½	40-8½	36-9	39-4½	35-5½	33-0	28-10½	25-1½	21-4
Discus	44.80	42.60	40.60	38.00	40.00	36.40	40.00	36.80	31.60	26.40	21.40	16.20
	147-0	139-9	133-2	124-8	131-3	119-5	131-3	120-9	103-8	86-7	70-2½	53-2
Hammer	47.24	44.20	41.14	38.10	38.40	36.00	36.00	33.00	29.00	25.00	22.50	18.00
	155-0	14										

U.S. MASTERS TRACK & FIELD RANKINGS

(Coordinated by Jerry Wojcik, T&F Rankings Chairman)

1991 Indoor 55m/60y
Compiled by Larry Patz
M = Converted 60m time

NAME	TIME
MEN'S 30-34	
1- 10	
- MILLS	6.33m
WILLIAM WHITE	6.40
ARTEGO JAUNES	6.53
DON McNEILL	6.60
EUGENE VICKERS	6.60
GLENN WHITE	6.60
VAL BARNWELL	6.60
REMO BIAGIONI	6.70
JAY MATHIS	6.70m
KELVIN MURRAY	6.70
11- 20	
FRED FEASTER	6.70
TONY GAMBLIN	6.80
RICK JEFFERS	6.80
LEONARD STRONG	6.80
FRANK MAKOZY	6.80
ELLIS LIDDELL	6.82m
CORNELL SOWELL	6.84m
ROBERT SIEMERING	6.85m
KELLY LYCAN	6.90
JIM HYATT	6.90
21- 30	
SHERM WEATHERSPOON	6.90
LARRY MARROW	6.92
MIKE BURTON	6.92
SID MILDEN	7.00
RON ARTIS	7.00
DAVID PAUL	7.02
- PLESE	7.06m
ERIC JOINER	7.10
JIM FAZIO	7.10
JERRY DOWDY	7.10
31- 40	
TERRY O'CONNELL	7.18
PAT McDONOUGH	7.20
KEVIN McNAUGHTON	7.20
LAWRENCE FINLEY	7.20
KEVIN ROSE	7.22
STERL SIMMONS	7.30
DAVE MITCHELL	7.30
DOUG MASON	7.32
DOUG NOVAK	7.39m
CLIFF MARLOWE	7.42
MEN'S 35-39	
1- 10	
TOM THOMPSON	6.56
JOHN BROOKS	6.60
ROBERT E. BOWEN	6.60
JAMES HILLIARD	6.62
ALFRED WRIGHT	6.67
ROBERT BURNETT	6.70
PHIL CONZENTINO	6.70
EDDIE MOSE	6.70
JAMES BONILLA	6.71m
THOMAS REWOLINSKI	6.79m
11- 20	
CHRIS DOWNS	6.80
PERSHING REID	6.80
KIRBY SCOTT	6.80
ED BROWN	6.80
ROSS DONOLOW	6.80
RANDY KRUSE	6.85m
TOM BLOXOM	6.87
KEN CASTRO	6.90
JAMES EASTER	6.90
NORM ALLBRITTON	6.92
21- 30	
PAUL GHAMA	6.92
DOM ST. JEAN	6.96
DAN RADIFF	7.00
WILLIAM CHAULDE	7.00
FREDERIC D. MURRELL	7.01m
GARY MARTIN	7.04
ROBERT ZAHN	7.06m
MIKE LaPOINTE	7.10
TERRY LEANESS	7.10
KARL CASTOR	7.20
31- 40	
ROB EALDON	7.20
SCOTT THORNSLEY	7.20
MARK GERSON	7.30
RONALD FISHER	7.35m
RICH PLUNKETT	7.40
STEVE RECKEFUS	7.40
CHARLES MISSOURI	7.49
ED ZESK	7.50
JOHN SILAN	7.70
OWEN LISTOVICH	7.80
MEN'S 40-44	
1- 10	
CHARLES ALLIE	6.65m
PERSHING REID	6.70
GLENN JOHNSON	6.71m
CHAS STAHLWORTH	6.72
JOHN BAIAGLIA	6.78
CLIFTON JACKSON	6.79m
- SCOTT	6.80
KENNETH BRINKER	6.90
WILLIAM OVERBY	6.90
WILLIAM CORSEY	6.90
11- 20	
WALTER EWING	6.90
PHILIP FELTON	6.90
ARMAND LaFRAMBOISE	7.00
MARVIN RUSSO	7.00
CHUCK LaCHUSA	7.00
DENNIS NEWTON	7.00
SHAUNTE STILLS	7.00m
JOHN BATTAGLIA	7.01m
LEON HARDEN	7.06m
ROBERT DAVIS	7.10
21- 30	
JASPER ROYAL	7.12
WAVERLY WALLER	7.12
LLOYD HATHCOCK	7.20
MICHAEL AUGERI	7.20
JOHN BORDEN	7.20

DAVID LARSON	7.20
TIM DICKENS	7.20
ANGEL NIEVES	7.23
RAY PANEK	7.30
LEN ZIGMENT	7.30
31- 40	
JOHN MORRISON	7.30
ROY CURRIE	7.30
LINCOLN RUSSIN	7.30
DAVE HILL	7.32
MATT SITKOWSKI	7.33m
- WILLIAMS	7.34m
RON McDONALD	7.35
PAUL MONTGOMERY	7.41m
FRANK MUBIEK	7.44
JIM SHEA	7.50
41- 50	
RUSS ANTERONEN	7.59m
TOM CUNNINGHAM	7.60
NOAH PERLIS	7.62
ED HOWARD	7.65
SKIP ODETTE	7.66m
FRANK CLARO	7.70
BILL GRAF	7.70
P MILLER	7.77
TOM D'ANGELO	7.80
MIKE BILLMAN	7.80
51- 60	
IVAN BLACK	7.82
BOB LABARBARA	7.90
DON BAUMER	7.90
JOHN PAUL JONES	8.00
BRYCE FRANZTHOR	8.02
FRANK GIARO	8.12
DON PRICE	8.20
BOB WHITE	8.20
JOSEPH TRACHMAN	8.23
- MILLER	8.30
MEN'S 45-49	
1- 10	
STAN WHITLEY	6.44m
MELVIN FIELDS	6.70
LLOYD CORDNER	6.74m
JOSEPH JOHNSON	6.75m
EDWARD JONES	6.78
ROGER PIERCE	6.79m
TOM BASSETT	6.82
DON PARKER	6.91m
CALEB BROWN	7.00
RICHARD RITER	7.00m
11- 20	
TYRONE CARLIS	7.01m
TOM TOSCANO	7.10
RAB HAGIN	7.10
JAMES VICKS	7.13
ROGER PHILLIPS	7.13m
TOM ALLEN	7.20
EDDIE WATSON	7.20
JEFF BLATT	7.20
ABDUL SINGH	7.20
GENE BALLARD	7.30
21- 30	
NICK GAILEY	7.31m
- LEE	7.34m
GARY PATTERSON	7.39m
MIKE MILOVE	7.40
FRED LYNCH	7.40
AVITAL SCHURR	7.40
DAVE EIDAIL	7.42
RANDALL CLEVEN	7.45m
TOM STARR	7.50
JAMES BRADY	7.50
31- 40	
JIM RIPPON	7.50
JOHN HESS	7.59
THOMAS J HARTMAN	7.60
DENNIS LEZCINSKI	7.60
LES WRIGHT	7.60
ROBERT MESAROS	7.60
WALTER FIELDS	7.65m
PAUL GANSL	7.67
ALAN DREW	7.70
DAVID LUPLOW	7.70
41- 49	
BOB WHEELER	7.70
VITO DICESARE	7.70
FRED MILLER	7.70
MIKE CHAMALES	7.77
DAVID LAMM	7.77m
KEN WATSON	7.81
CHARLES H. VARNET	7.90
BOB FUHRMAN	8.02
W. J. PALESE	9.60
MEN'S 50-54	
1- 10	
KEN DENNIS	6.82m
SCOTT TYLER	6.99m
PAUL B. DORSEY	7.10
ROOSEVELT WEAVER	7.10
LARRY COLBERT	7.15m
THORNTON SHELTON	7.22
ROY TURNER	7.22
RON KIRKPATRICK	7.30
JAMES O'HARA	7.30
DHAMIRI ABAYOMI	7.30
11- 20	
DAWSON PRATT	7.30
L. STOPOULOS	7.34m
PETER STOPOULOS	7.34m
JOHN HEAD	7.35
GROVER COATS	7.40
BILLIE DURHAM	7.40
RICHARD OCKER	7.50
ED KENT	7.50
EMIL PAWLIK	7.55m
DAVID CONNOLLY	7.60
21- 30	
DENNIS TANCREDI	7.60
BRUCE CONNOLLY	7.60
GEORGE COLEMAN	7.80
BRUCE MILLS	7.90
HAIG BOHIGIAN	7.92

- ELLIS	7.98m
JAMES HODGE	8.00
JIM RIPPON	8.13
JOHN SLOAN	8.20
JOHN RUSNOCH	8.30
MEN'S 55-59	
1- 10	
HUGO HARTENSTEIN JR.	6.95m
PIERRE DOBROVOLNY	6.97m
PAUL WILLIAMS	7.10
JAMES MATHIS	7.25m
RALPH SUMMERLIN	7.30
MATT BROWN	7.40
BILL WRIGHT	7.40
RICH BARRETTA	7.40
JOSEPH HEMLER	7.40
ALEXANDER JOHNSON	7.40
11- 20	
ALAN FELIX	7.50
TROY BANKS	7.50
CLIFFORD PAULING	7.61
CLARENCE TRINKNER	7.64m
TED SWANSON	7.80
DAVE MARTIN	7.80
FRANK BROWN	7.82
JOHN HAUGO	7.87m
RAY EILAND	7.89m
EARL MEGE	7.92
21- 30	
JOHN DARRELL	8.02
DOUGLAS ALBERTS	8.10
PHILLIP PLANT	8.10
GEORGE HEROUX	8.13
GIORGIO CHIAVELLI	8.20
GLEN BRAZEE	8.23
TOM TALBOTT	8.30
FRED WIMMER	8.40
KEN LARSEN	8.40
MIKE McDONNELL	8.70
MEN'S 60-64	
1- 10	
EARL VENTURA	7.45m
TOM DELANY	7.50
JOHN POPPELL	7.56m
BURT SAIDEL	7.57m
H. J. FISCHER	7.60
CHUCK SOCHOR	7.61m
ROBERT WATANABE	7.62m
BERNARD STEVENS	7.63m
DICK MARLIN	7.68m
HARRY BROWN	7.70
11- 20	
ROSS MITCHELL	CAN 7.70
ANDY ANDERSON	7.72
THOMAS BROOKS	7.80
BILL PARDUE	7.91
HOWARD MacMILLAN	8.10
JACK LANCE	8.20
BILL TOWNSEND	8.25m
GIORGIO CHIAVELLI	8.30
RICHARD GREIWE	8.40
JACK NYHAN	8.50
21- 29	
LOUIS DIGESAR	8.50
MANNY HERSCHER	8.53
S. C. IRACE	8.60
DON WALSH	8.62m
MOOSE DeMALTO	8.80
TED ESAU	9.02m
GEORGE TAYLOR	9.10
VINCE STOKOSA	9.20m
ART HARRIS	10.50
MEN'S 65-69	
1- 10	
MELVIN B. LARSEN	7.15m
JIM LAW	7.47m
TIM MURPHY	7.88
WILLIE BLACKMON	7.90
JOE BERGHOLD	8.07m
RAY ARMSTRONG	8.09m
OSCAR HARRIS	8.20
ROBERT NAYLOR	8.20
HAYDN PARKS	8.30
J. WALKER PIERSON	8.40
11- 19	
MAX GOLDSMITH	8.51m
VIRGIL McINTYRE	8.52m
NORM KATZMAN	8.70
CHARLES McGARVEY	8.90
DON BROWN	9.36
FRANK BOHLES	9.40
MANNY HERSCHER	9.41
JOHN CHAMALES	9.75
ROBERT METZNER	9.90
MEN'S 70-74	
1- 10	
JOHN DAVISON	7.80
VERNON MATTSOON	8.10
MARLEN McWILLIAMS	8.10
EDWARD MATTHEWS JR	8.10
JAY SPONSELLER	8.68m
ANGELO D. OLIVER	8.70
G RAJCEVICH	8.71
B. H. WRIGHT	8.80
DAVID HALL	9.00
ROBERT P. SORLIEN	9.14
11- 15	
JIM MANNO	9.30
ROBERT WARWICK	9.43m
HAM MORNINGSTAR	10.30
E. COLE	12.40
NATHAN HACKER	14.50
MEN'S 75-79	
1- 10	
FRED WHITE	8.69
MADELO BLAKE	8.90
JEREMIAH GAINES	9.20
CLAUDE HILLS	9.24m
MILO LIGHTFOOT	9.26m
GAR SCHWENNER	9.43
MEL FLACHS	9.49
FREDERICK PRAEGER	9.54m
JERRY WIBLE	9.80
HUGH YEOMANS	11.30

11- 12	
HAROLD MASSIE	12.54
ROBERT DETWEILER	13.30
MEN'S 80-84	
BARRY IVERS	9.10
STAN THOMPSON	12.75m
NAME TIME	
MEN'S 85-89	
KONRAD BOAS	11.48m
ARLING PITCHER	11.83m
EVERETT HOSACK	12.30
NAME TIME	
WOMEN'S 30-34	
1- 10	
DONNA POPE-GREEN	7.50
STACEY QUITZAY	7.80
LISA LOCKLEY	7.90
KRIS CRADDICK	8.02
SUE BREIBY	8.02
CAROL SCIAFER	8.20
PATRICIA FINLEY	8.30
MARY ELLEN MALLOY	8.40
BONNIE HAUCK	8.50
CATHY McKEEVER	8.90
NAME TIME	
WOMEN'S 35-39	
IRENE THOMPSON	7.50
JOANN ANGOTTI	7.50
MARCIA HULSE	7.70
DEBBIE TROY	8.44
NAME TIME	
WOMEN'S 40-44	
1- 10	
PHIL RASCHER	7.43m
LORRAINE TUCKER	7.60
SHARON OSBORNE	7.80
JENNIFER PINTO	7.90
KATHY PIERCE	8.13
DEBBIE STILES	8.47m
RENE BLENDEN	8.56
BOBBI LINDABURY	9.03
SANDY MARYOTT	9.63
ANTONIA COLEMAN	9.70

NAME TIME	
WOMEN'S 45-49	
1- 8	
PAMELA CALVERT	7.96m
MARILYN MITCHELL	8.05m
MARY LUKER	8.42m
NADINE LOWENSTEIN	8.70
PENNY DANIELSON	8.74
BARBARA STEWART	8.80
KAREN HABER	8.90
MARY LOU PLATIS	9.80
NAME TIME	
WOMEN'S 50-54	
1- 7	
JUTTE RIEGEL	8.88
MARION COFFEE	9.03
ESSIE KEA	9.08m
MEREDITH THIELMAN	9.16m
JOANN GRISSOM	9.42m
GLORIA JENKINS	9.90
DORITA SWANSON	10.60m
NAME TIME	
WOMEN'S 55-59	
1- 6	
MARILYN FITZGERALD	8.50
JOAN DUGAN	8.90
LUCY ANNE BROBST	9.06m
BETTY VOSBURGH	9.09m
FEI-MEI CHOU	9.41m
NANCY AMMERMULLER	9.50
NAME TIME	
WOMEN'S 60-64	
MARY C. PATTERSON	9.17m
LEONORE McDANIELS	9.30
PATRICIA PETERSON	9.38m
- BOBOWSKI	9.90m
NAME TIME	
WOMEN'S 65-69	
FLORENCE BERRY	10.00
JOSEPHINE SULLIVAN	10.13m
ANN MCGOWAN	11.40
CAROL PEEBLES	11.55m



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NATIONAL

U.S. TAC National Masters Decathlon/Heptathlon Championships; Lincoln, NE; June 22-23

AGE FACTORED SCORES BY AGE GROUP OF 91 TAC NAT MAS DECATHLON

Table with columns: PL AGE, NAME, 100M, LJ, SP, HJ, 400M, 800M, 1500M, 5000M, 10000M, TOTAL. Includes results for 30-34 age group.

Table with columns: PL AGE, NAME, 100M, LJ, SP, HJ, 400M, 800M, 1500M, 5000M, 10000M, TOTAL. Includes results for 35-39 age group.

Table with columns: PL AGE, NAME, 100M, LJ, SP, HJ, 400M, 800M, 1500M, 5000M, 10000M, TOTAL. Includes results for 40-44 age group.

Table with columns: PL AGE, NAME, 100M, LJ, SP, HJ, 400M, 800M, 1500M, 5000M, 10000M, TOTAL. Includes results for 45-49 age group.

Table with columns: PL AGE, NAME, 100M, LJ, SP, HJ, 400M, 800M, 1500M, 5000M, 10000M, TOTAL. Includes results for 50-54 age group.

Table with columns: PL AGE, NAME, 100M, LJ, SP, HJ, 400M, 800M, 1500M, 5000M, 10000M, TOTAL. Includes results for 55-59 age group.

Table with columns: PL AGE, NAME, 100M, LJ, SP, HJ, 400M, 800M, 1500M, 5000M, 10000M, TOTAL. Includes results for 60-64 age group.

Table with columns: PL AGE, NAME, 100M, LJ, SP, HJ, 400M, 800M, 1500M, 5000M, 10000M, TOTAL. Includes results for 65-69 age group.

Table with columns: PL AGE, NAME, 100M, LJ, SP, HJ, 400M, 800M, 1500M, 5000M, 10000M, TOTAL. Includes results for 70-74 age group.

Table with columns: PL AGE, NAME, 100M, LJ, SP, HJ, 400M, 800M, 1500M, 5000M, 10000M, TOTAL. Includes results for 75-79 age group.

HEPTATHLON RESULTS:

Table with columns: Name, Age, Hurdles, HJ, SP, 200, LJ, JT, 800, Total. Lists Donna Ricks, Phil Raschker, and Sandy Maryott.

National Senior Sports Classic Syracuse, N.Y. June 28-July 2

Table with columns: Name, Age, 1500M (M65), 5000M, 10000M, 20000M, 30000M, 40000M, 50000M, 60000M, 70000M, 80000M, 90000M, 100000M, Total. Lists Carl Hammen, Pat Gallagher, Roland Anspach, John McManus, Robert Hennig, Paul Schmitt.

EAST

Potomac Valley Seniors TC Development Meet Alexandria, VA; June 9

Table with columns: Name, Time. Includes results for 100m, 200m, 400m, 800m, 1500m, 3000m, 5000m, 10000m, 20000m, 30000m, 40000m, 50000m, 60000m, 70000m, 80000m, 90000m, 100000m.

Table with columns: Name, Time. Includes results for M35 R Messenger, M40 Jim Boyle, M50 Bill Kehoe, Seeded Men, 1 S Bagley, 8 Derck Frechette, W30 Jane O'Donnell, W35 Lu Greig, W40 Janet Stein.

Garden State AC Championships Randolph, NJ; June 30

Table with columns: Name, Time. Includes results for 100m, 200m, 400m, 800m, 1500m, 3000m, 5000m, 10000m, 20000m, 30000m, 40000m, 50000m, 60000m, 70000m, 80000m, 90000m, 100000m.

Table with columns: Name, Time. Includes results for 1500mRW, 3000m RW, 5000m, 10000m, 20000m, 30000m, 40000m, 50000m, 60000m, 70000m, 80000m, 90000m, 100000m.

Table with columns: Name, Time. Includes results for 1500mRW, 3000m RW, 5000m, 10000m, 20000m, 30000m, 40000m, 50000m, 60000m, 70000m, 80000m, 90000m, 100000m.

Table with columns: Name, Time. Includes results for 1500mRW, 3000m RW, 5000m, 10000m, 20000m, 30000m, 40000m, 50000m, 60000m, 70000m, 80000m, 90000m, 100000m.

Table with columns: Name, Time. Includes results for 1500mRW, 3000m RW, 5000m, 10000m, 20000m, 30000m, 40000m, 50000m, 60000m, 70000m, 80000m, 90000m, 100000m.

Thursday Night Races Pittsford, NY June 13

Table with columns: Name, Time. Includes results for Mile, M30 D Lindke, M35 Joe Contario, M40 Jim May, M40 Tom Carr, M40 Jim Palmeri, M50 Bill Kehoe, M60+George Tillson, Seeded Men, 1 Scott Bagley, 2 Tim McMullen, W30 Karen Soehner, W35 Angela Fuller, 2 Judy Beers, W40 Janet Stein, Mary Shaver, V O'Brien, W50+Beryl Skelton, Marsha Tillson, --June 27-- Two Mile, M30 Paul Smarsh, Doug Lindke.

Table with columns: Name, Time. Includes results for 5000m, M30 Chaz Hummel, Kevin Higgins, Bill Schuler, M35 Steve Zamer, M40 Bruce Lagenkemp, M45 M Bodelo, M50 Jim Seymour, M55 Ed Hill.

Table with columns: Name, Time. Includes results for Short Hurdles, M30 Carl Quitzau, M40 Ken Brinker, Ivan Black, M55 Leon Trout, Vince Ruffin, M60 Tom Delany, W40 Cassandra Clark.

Table with columns: Name, Time. Includes results for High Jump, M30 Rich Alexander, M35 Ed Fern, M40 Ivan Black, Woody Disharoon, M45 Jan Decker, M50 Jerry Sullivan, Dave Connolly, M55 Vince Ruffin, Morton Ilahn, M60 Tom Delany, Paul Soraparu, M65 Bob Vislocky, M70 John Vislocky.

Table with columns: Name, Time. Includes results for Pole Vault, M40 Ron Salvo, M45 Jan Decker, M50 Madeline Bost, M30 Vance Rogers, Remo Biagioni, M35 Richard Ryan, Ken Goglas, Ivan Black, Woody Disharoon, M45 Joe Johnson, John Lewczak, Jim Fox, M50 Bob O'Brien, John Bronston, Dave Connolly, M55 Leon Trout, Vince Ruffin, John Darral, M60 Quinto Biagioni, Giorgio Chiavelli, Tom Delany, M65 H Sarreste, M60 Cassandra Clark, W60 N Ammermuller, M30 Pat Cassidy, Al Russo, M35 Henry Kalnas, M40 Rich Dunphy, Ed Beebe, Woody Disharoon, M45 Joe Kalnas, Jai Singh, M50 Larry Pratt, John Bronstein, Bill Burkle, M55 Pay Carstensen, Morton Ilahn, M60 Quinto Biagioni, Giorgio Chiavelli, Paul Soraparu, Ted Destanko, Bob Vislocky, M70 Mary Neuman, John Vislocky, John Vislocky, M70 Nancy Munoz, W40 Roslyn Katz, W50 Gloria Seymour, Ann Cirulnick, M30 Al Russo, Remo Biagioni, Pat Cassidy, M35 John Kalnas, Henry Kalnas, M40 Glenn Weaver, Rich Dunphy, Fred Monesmith, M45 John Lewczak, M50 Larry Pratt, John Bronstein, Bill Burkle, M60 Giorgio Chiavelli, Quinto Biagioni, Nat Cirulnick, M65 Manny Herscher, Ted Dostanko, Bob Vislocky, M70 Marty Neuman, John Vislocky, W30 Nancy Munoz, W40 Roslyn Katz, Marie Lake, W50 Joan Youngs, W55 Ann Cirulnick, Javelin, M35 Richard Ryan, M40 Dennis Chandler, Dave Faris, Ed Beebe, M45 Tony Serardini, John Lewczak, Bob Balderston, Bob O'Brien, Dave Connolly, M55 Robert Youngs, Morton Ilahn.

Table with columns: Name, Time. Includes results for Long Jump, M30 Vance Rogers, Remo Biagioni, M35 Richard Ryan, Ken Goglas, Ivan Black, Woody Disharoon, M45 Joe Johnson, John Lewczak, Jim Fox, M50 Bob O'Brien, John Bronston, Dave Connolly, M55 Leon Trout, Vince Ruffin, John Darral, M60 Quinto Biagioni, Giorgio Chiavelli, Tom Delany, M65 H Sarreste, M60 Cassandra Clark, W60 N Ammermuller, M30 Pat Cassidy, Al Russo, M35 Henry Kalnas, M40 Rich Dunphy, Ed Beebe, Woody Disharoon, M45 Joe Kalnas, Jai Singh, M50 Larry Pratt, John Bronstein, Bill Burkle, M55 Pay Carstensen, Morton Ilahn, M60 Quinto Biagioni, Giorgio Chiavelli, Paul Soraparu, Ted Destanko, Bob Vislocky, M70 Mary Neuman, John Vislocky, John Vislocky, M70 Nancy Munoz, W40 Roslyn Katz, W50 Gloria Seymour, Ann Cirulnick, M30 Al Russo, Remo Biagioni, Pat Cassidy, M35 John Kalnas, Henry Kalnas, M40 Glenn Weaver, Rich Dunphy, Fred Monesmith, M45 John Lewczak, M50 Larry Pratt, John Bronstein, Bill Burkle, M60 Giorgio Chiavelli, Quinto Biagioni, Nat Cirulnick, M65 Manny Herscher, Ted Dostanko, Bob Vislocky, M70 Marty Neuman, John Vislocky, W30 Nancy Munoz, W40 Roslyn Katz, Marie Lake, W50 Joan Youngs, W55 Ann Cirulnick, Javelin, M35 Richard Ryan, M40 Dennis Chandler, Dave Faris, Ed Beebe, M45 Tony Serardini, John Lewczak, Bob Balderston, Bob O'Brien, Dave Connolly, M55 Robert Youngs, Morton Ilahn.

Table with columns: Name, Time. Includes results for 100m, M30 Fred Feaster, Rick Jeffers, Jim Fox, M35 Rockdale Hudson, M40 E Robinson, P G Felton, Woody Disharoon, M45 Joe Johnson, Jerry Johnson, Jerry Krumeich, M50 Dave Connolly, Eugene McCoy, M55 Matt Brown, John Darnell, Leon Trout, M60 Tom Delany, Giorgio Chiavelli, Jack Lane, W40 Linda Robins, Cassandra Clark, W50 Gloria Seymour, W55 Marilyn Fitzgerald, W60 Nancy Ammermuller.

Table with columns: Name, Time. Includes results for 200m, Steve Bell, Newlie Hewson, Berni Creed, 3000m, J J Wind, Newlie Hewson, Berni Creed, Long Jump, Kathryn Kelly, Shot Put, Joe Johns, Phil Scudieri, Ned Curran, Bill Garthune, Sharon Good, Kate DiAngelis, Carla Convery.

Table with columns: Name, Time. Includes results for Discus, Len Olsen, Phil Scudieri, Mike McReynolds, Russ White, Ned Curran, Ted Rosenberg, Kate DiAngelis, Sharon Good, Carla Convery, Hammer, Phil Scudieri, Len Olsen, M McReynolds, Ned Curran, Javelin, Russ White, Jim McFayden, Phil Scudieri, Len Olsen, Ned Curran, Lee Glassco, Sharon Good, Carla Convery.

Table with columns: Name, Time. Includes results for 1500mRW, Alan Price, Paul Terry, Scott Bentley, Ed Seeger, Richard Lukes, Mil Wood, Pat Nesley, 3000m RW, Alan Price, Paul Terry, S Bentley, Richard Lukes, Wayne Dexter.

Table with columns: Name, Time. Includes results for 5000m, M30 Vince Rogers, Bill Roemer, M35 M Allen, M40 Rob Jackson, Duane Green, Jim Gelsomini, John Buhi, J Sharnan, Jacinto Magena, M50 Sid Howard, Robert Evan, W30 Susan Searle, M Kalischewski, Sue Wharton, Liz Galasso, Lucy Alvarez.

Table with columns: Name, Time. Includes results for 10000m, M30 Vince Rogers, Bill Roemer, M35 M Allen, M40 Rob Jackson, Duane Green, Jim Gelsomini, John Buhi, J Sharnan, Jacinto Magena, M50 Sid Howard, Robert Evan, W30 Susan Searle, M Kalischewski, Sue Wharton, Liz Galasso, Lucy Alvarez.

Table with columns: Name, Time. Includes results for 20000m, M30 Vince Rogers, Bill Roemer, M35 M Allen, M40 Rob Jackson, Duane Green, Jim Gelsomini, John Buhi, J Sharnan, Jacinto Magena, M50 Sid Howard, Robert Evan, W30 Susan Searle, M Kalischewski, Sue Wharton, Liz Galasso, Lucy Alvarez.

Table with columns: Name, Time. Includes results for 30000m, M30 Vince Rogers, Bill Roemer, M35 M Allen, M40 Rob Jackson, Duane Green, Jim Gelsomini, John Buhi, J Sharnan, Jacinto Magena, M50 Sid Howard, Robert Evan, W30 Susan Searle, M Kalischewski, Sue Wharton, Liz Galasso, Lucy Alvarez.

Table with columns: Name, Time. Includes results for 40000m, M30 Vince Rogers, Bill Roemer, M35 M Allen, M40 Rob Jackson, Duane Green, Jim Gelsomini, John Buhi, J Sharnan, Jacinto Magena, M50 Sid Howard, Robert Evan, W30 Susan Searle, M Kalischewski, Sue Wharton, Liz Galasso, Lucy Alvarez.

Table with columns: Name, Time. Includes results for 50000m, M30 Vince Rogers, Bill Roemer, M35 M Allen, M40 Rob Jackson, Duane Green, Jim Gelsomini, John Buhi, J Sharnan, Jacinto Magena, M50 Sid Howard, Robert Evan, W30 Susan Searle, M Kalischewski, Sue Wharton, Liz Galasso, Lucy Alvarez.

Table with columns: Name, Time. Includes results for 60000m, M30 Vince Rogers, Bill Roemer, M35 M Allen, M40 Rob Jackson, Duane Green, Jim Gelsomini, John Buhi, J Sharnan, Jacinto Magena, M50 Sid Howard, Robert Evan, W30 Susan Searle, M Kalischewski, Sue Wharton, Liz Galasso, Lucy Alvarez.

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Phila. Masters Meet
St. Joseph's University

July 20

100m Phil Felton 42 12.0, Karl Castor 39 12.2, Mark Gershon 38 12.6, Warren Fisher 35 12.7, Michael Howard 31 13.0, Adrian Henry 30 13.1, John MacDonald 55 13.2, Jim Shea 42 13.2, Jay Keever 43 13.3, Rick Kumor 45 13.6, Char Sample W30 13.8, Phil McCloskey 59 14.3, Dave Hall 73 16.8, Claude Hills 79 17.4

200m

Doug Mason 31 24.7, Phil Felton 42 24.7, Warren Fisher 35 25.6, Mark Gershon 38 25.8, Dawson Pratt 55 26.6, John MacDonald 55 27.0, Jay Keever 43 28.3, Larry Hart 40 28.7, Char Sample W30 29.6, Larry Goldenberg 54 32.4, Karen Haber W48 32.9

400m

Jim Fazio 34 54.6, Keith Sample 32 55.2, Karl Castor 39 56.1, Tom O'Hara 48 56.2, Tim Dickens 44 57.2, Warren Fisher 35 57.7, Michael Howard 31 58.6, John MacDonald 55 59.2, Rick Kumor 45 1:02.4, Larry Hart 40 1:03.3, Steffen Knight 36 1:03.9, Manny Herscher 65 1:15.2

800m

Joel Hoffsmith 37 2:06.5, Karl Castor 39 2:14.1, Jim Hodge 51 2:17.4, Michael Howard 31 2:24.0, Tom Gallagher 51 2:31.0

1 mile

Tom Gallagher 51 5:22.6, Bruce Gilbert 55 5:26.4, Kyle Mecklenborg 39 5:38.8, George Jackson 58 5:42.9, Maureen Fazio W34 5:52.9

3000m

Tom Gallagher 51 10:56.4, Jerry McCadden 50 11:07.9, Kyle Mecklenborg 39 11:29.5

3000m racewalk

Jessica Krow W39 18:51.9, Ed Gwinski 64 19:14.0, Ed Merrill 58 19:53.0, Rum. Spiritoso W46 20:29.3

long jump

Jim Fazio 34 18-9 1/2, Mark Gershon 38 17-4 3/4, Jim Shea 42 14-11 3/4, Claude Hills 79 9-10 1/2

triple jump

Mark Gershon 38 36-0, Jim Shea 42 31-9 1/2, Claude Hills 79 21-6

SOUTHEAST

Atlanta TC Masters Meet
Atlanta, GA; June 8

100m

M30 Frankie Smith 11.3, Christian Gibson 11.4, M35 Phillip Terry 12.3, John Blaha 13.6, M40 Marion McCoy 11.2, Robert Mitchell 11.5, Dan Thiel 11.5, M45 John Bell 11.2, Ceasar Austin 11.7, M50 Lee Smith 12.0, Ervin Mitchell 12.3, Roy Turner 12.3, M55 Jim Mathis 12.7, M60 E Reddin 13.4, Gordon Seifert 13.5, M65 Jim Dykes 16.3, M70 Marlen McWilliams 14.0, M75 Milt Williams 15.6

200m

M30 Frankie Smith 23.26, Jay Mathis 23.52, M35 T J Lester 24.01, Robbie Short 24.19, M40 Dan Thiel 23.43, Bob Mitchell 23.44, M45 John Bell 23.69, Ceasar Austin 24.28, M50 Lee Smith 24.45, Harry Tolliver 24.63

M55 Jim Mathis 25.40

Alvin Clark 28.40, M60 E Reddin 27.10, Gordon Seifert 27.30, M65 Harold Johnson 30.40, M70 M McWilliams 29.20, Bill Eppright 41.00, M75 Milt Williams 33.10, W30 Mary Beth Heid 34.9, W40 P Raschker 26.2, D Drumgole 27.4, W45 Cathy McCain 32.4, Ann Carter 34.4, W50 J McDonald 29.9

400m

M30 Christian Gibson 51.3, Darryl Smith 51.8, M35 Cal Saulsberry 53.0, Walden Curry 54.2, M40 Dan Thiel 52.3, Bob Green 53.5, M45 Nick Gailey 56.6, Randall Brady 57.2, M50 Harry Tolliver 54.9, Ed Small 56.4, M55 Jim Mathis 55.3, M60 Gordon Seifert 63.2, Ralph Taylor 73.7, M65 Harold Johnson 69.1, M70 Bill Eppright 91.3, W40 P Raschker 62.7, D Drumgole 65.8, W45 D McCain 77.6

800m

M30 Eric Bonaparte 2:08.5, Kim Medin 2:11.2, M35 Mike Pratt 2:02.5, W Mosley 2:10.4, M40 Jeff Sanborn 2:11.6, David Stevens 2:14.3, M45 Wilson Weldon 2:08.1, David Gamadonis 2:57.9, M50 Sammy White 2:24.6, Jim Steele 2:26.9, M55 Jack Gilmore 2:43.2, M60 Casey Jones 2:25.1, Larry Hall 2:47.6, M65 Harold Johnson 2:48.5, M70 Bill Eppright 3:33.0, W35 Linda Clay 3:02.4, W55 Evelyn Zerfoss 3:16.3

1500m

M30 Mike Jones 4:10.1, Steve Keith 4:10.1, M35 Matt Morrow 4:37.4, Jim Dugger 4:39.5, M40 Sam Benedict 4:43.9, Ray Cashwell 4:46.7, M45 Wilson Weldon 4:26.3, Joe Carter 4:30.1, M50 Jim Steele 5:00.7, Tom Tripp 5:09.7, M55 Chas Williams 4:59.8, M70 Bill Eppright 7:09.0, W40 Harriet Callahan 7:29.0, W55 Evelyn Zerfoss 6:38.6

5000m

M30 Keith Johnson 15:28.9, Mike Jones 15:40.3, M35 Alf Cronin 16:14.0, Jim Dugger 16:25.4, M40 Tom Raynor 16:35.5, R C Cashwell 17:49.8, M45 Barry Field 21:26.0, M50 George Sharp 17:58.8, Tom Tripp 18:51.4, M55 Chas Williams 18:19.3, M60 Herb Benario 22:50.0, Bob Brennan 24:54.4, M70 Bill Eppright 27:13.8, W30 Betsy Frick 17:52.0, Debra Niezgodski 20:41.3, W35 Cindy Street 19:12.5, W40 Carolyn Spillman 20:06.7, W45 Julia Emmons 23:14.0, M Brown 28:20.7

Short Hurdles

M35 Robbie Short 14.98, Dab Smith 16.38, M40 Tom Gilliard 15.15, Lamar Beckom 16.12, M50 Charley Miller 14.7, M55 Phil Mulkey 16.2, M60 Buck Bradberry 16.9, W40 Phil Raschker 12.56, W45 Ann Carter 17.42, W55 Betty Vosburgh 16.91

Long Hurdles

M35 Dab Smith 67.0, M40 Lamar Beckom 63.3, Dan Graham 72.8, M45 Tom Brewer 63.0, W55 Betty Vosburgh 58.0

Steeplechase

M30 Dave Melissas 10:28.2, Peter Heibredner 11:00.1, M35 Alvin Everhart 9:55.6, M50 Ken Powell 13:36.0, 4x100m Relay M30 Atlanta TC 45.3, La. Litng TC 46.4, M40 Atlanta TC 47.7, W40 Birmnghm TC 73.4, 4x400m Relay M30 La. Litng TC 3:38.1, Atlanta TC 3:40.8

High Jump

M35 Walden Curry 5-8, W D Mosley 5-2, M40 James Sauers 6-1 1/2, Doug Purinton 5-0

M45 Tom Brewer 5-4

Charlie Polhamus 4-8, M50 Sammy White 5-4, Alonzo Littlejohn 4-8, Mike Valle 4-8, M55 Phil Mulkey 5-0, Bob Moore 4-8, Jack Gilmore 4-8, M60 Gordon Seifert 5-0, Tom Bartenfeld 3-10, M65 Ed Holmes 4-6, Vic Golowash 3-10, M75 Milt Williams 3-6, G E Hirshey 2-6, W40 Phil Raschker 4-8, W45 Ann Carter 3-0, W55 Betty Vosburgh 4-0

Pole Vault

M40 Bob Green 12-0, M45 Charlie Polhamus 12-0, M50 Wally Sokolowski 12-0, M55 Phil Mulkey 11-0, Jack Gilmore 8-6, M60 Jerry Donley 11-6, Tony Pavone 8-0, W40 Phil Raschker 9-6

Long Jump

M30 Marion Brown 19-4 1/2, Jay Mathis 18-11 1/2, M35 Jeff Sellers 20-3 1/2, W D Mosley 18-5 1/2, M40 Doug Purinton 17-5 1/2, Tim Orton 15-8 1/2, M45 John Hartfield 22-11, Tom Brewer 17-11 1/2, M50 Sammy White 16-4 1/2, Harold Drumgole 15-2 1/2, M55 Phil Mulkey 16-9 1/2, Bob Moore 14-11 1/2, M60 Gordon Siefert 13-1 1/2, Tom Bartenfeld 12-11 1/2, M65 Jim Dykes 12-3, Vic Golowash 10-7 1/2, M75 C E Hirshey 6-4 1/2, W40 Phil Raschker 16-1 1/2, W55 Betty Vosburgh 12-8

Triple Jump

M30 Darryl Smith 41-11, Stephen Nichols 34-11, M35 Glen Turner 43-6, Jeff Sellers 39-6, M40 Doug Purinton 33-8, Tim Orton 31-0, M45 Charlie Polhamus 30-4, M50 Harold Drumgole 31-5, Alonzo Littlejohn 25-3, M55 Phil Mulkey 31-9, M60 Gordon Siefert 28-5, Tom Bartenfeld 28-1, M65 Vic Golowash 24-7, M75 C E Hirshey 14-9, W40 Phil Raschker 30-6, W45 Ann Carter 23-10

Shot Put

M35 Slater 38-3 1/2, Watson 33-7 1/2, M40 Accardi 41-9, Harper 40-6 1/2, M45 M Cooper 31-8, Boots 30-3 1/2, M50 Valle 38-5 1/2, Mitchell 34-10, M55 P Mulkey 39-0, Moore 34-4 1/2, M60 Bradberry 33-8 1/2, Taylor 28-6, M65 Simmons 40-2 1/2, Holmes 32-8, M75 Wood 29-3, W30 Patty Deye 20-10, W40 Phil Raschker 23-8, W45 Cathy McCain 19-11, Ann Carter 17-7, W55 Geraldine Young 18-5, W65 Audrey Bergenback 15-8, W70 Shirley Margolin 13-5

Discus

M35 Brian Wood 124-4, Richard Watson 103-9, M40 John Harper 131-4, Russ Baker 122-8, M45 Don Nelson 99-3, Larry Boots 92-10, M50 Mike Valle 130-5, Ervin Mitchell 100-10, M55 Phil Mulkey 124-0, Jack Gilmore 112-10, M60 Buck Bradberry 116-0, Rich Bergenback 97-0, M65 Chuck Simmons 124-7, Ed Holmes 108-6, M75 Jack Wood 83-6, W35 Patty Deye 73-1, W65 Audrey Bergenback 33-7

Hammer

M35 Beasey Hendrix 83-8, Rich Watson 82-8, M40 Russ Baker 124-1, M50 Mike Valle 129-11, M60 Dick Bergenback 118-9, M75 Jack Wood 69-7, C E Hirshey 58-3

Javelin

M35 Jan Ozer 148-7, Beasey Hendrix 132-2, M40 Russ Baker 188-0, Jim Accardi 127-1, M45 Rich Sander 175-10, Larry Boots 117-6, M50 Mike Valle 112-11

M55 Wm Duckworth 165-8

Phil Mulkey 131-5, M60 Jack Shields 157-11, Buck Bradberry 96-10, M65 Chuck Simmons 120-10, Vic Golowash 76-4, M75 Jack Wood 88-4, W35 Patty Deye 51-10, W65 A Bergenback 33-5, 5000mRW M35 David Waddle 23:47.7, M40 Peter Senkowski 27:13.1, Ilernan Sabio 30:21.3, W35 Beverly Smith 34:49.1, Cindy Siemeone 35:32.3, W45 Avis Daugharty 32:50.0

Miami RC All-Comers Meets

Miami, FL
July 16

100m

M30 Ron Cotton 31 11.7, M40 Emilio Labori 44 12.1

200m

M30 Coleman McCaskey 35 31.0, M40 E Labori 44 nta, M60 Gray Landahl 61 33.7

400m

M30 Jeff Allen 35 55.0, M40 Laureano Cancio 41 75.0, M60 Gray Landahl 61 76.0

800m

M30 C McCaskey 35 2:30, M40 Laureano Cancio 41 3:05

1600m

M30 Jeff Allen 35 5:08, M60 Gray Landahl 61 6:48, W40 Cindy Jacobson 45 7:00

3200m

M30 C McCaskey 35 12:15, M40 Tom Lombadia 44 17:09, M50 Joseph Boyle 50 17:12, W30 Sarah Nicol 30 17:09

Shot Put

M30 Steve Calloway 40-6

Discus

M30 Steve Calloway 119-6, W30 Vickie Jackson 36 123-1

1500mRW

W30 Lisa Epstein 35 8:46, W40 Ronni Capsuto 45:16:41, W50 Anne Dann 54 9:27, W60+Yolanda Gouffray 62:13:51, Gloria Sadowsky 70:15:20

--July 23--

100m

M30 Ron Cotton 31 11.6, M40 Emilio Labori 44 12.4, M50 Joseph Boyle 50 15.5

200m

M30 Ron Cotton 31 24.0, M40 E Labori 44 24.0, M60 Gray Landahl 61 35.0

400m

M30 Ivan Xavier 31 58.0, M40 O Stallings 44 68.0, M50 Robert Judge 50 1:52, M60+Gray Landahl 61 76.0, W30 Vickie Jackson 36 1:55

800m

M30 Jeff Allen 35 2:14, M40 O Stallings 44 2:47

1600m

M30 C McCaskey 35 5:14, M40 Matt Cucchiara 48 5:07, M60+Gray Landahl 61 6:41, W30 Ena Weinstein 32 5:00

3200m

M30 C McCaskey 35 12:01, M40 O Stallings 44 13:18, M50 Joseph Boyle 50 16:45, W30 Val VanOstran 35 16:12

800m

M30 Ron Cotton 31 10.1, M40 Emilio Labori 44 9.9

Long Jump

M30 Rodney Cox 16-6

Shot Put

M30 Rod Johnson 34-1, W30 Vickie Jackson 36 33-8 1/2

Discus

M30 Rod Johnson 90-7, M40 Matt Cucchiara 63-11, W30 Vickie Jackson 36 106-3

1500mRW

M30 John Blair 39 14:08, M40 Ron Rodin 44 12:33, W40 Ronni Capsuto 45 16:24, W60+Y Gouffray 62 13:57, G Sadowsky 70 15:20

MIDWEST

TAC Midwest Sectional
Masters Championships
Byron, IL; June 22

100m

M30 Howard White 11.50, M35 Tom Rewolinski 11.65, Bob Zahn 11.73, M45 Jim Lee 12.04, Jerry Coston 12.50, John Hess 12.80, M55 P Dobrovolny 12.27, M60 Chuck Sochor 12.95, M65 Joe Bergthold 13.67, M70 G Rajcevic 16.09, Wib Ragland 18.06, M75 Mel Flachs 16.10

W45 Penny Danielson 15.76

W60 Mildred Bobowski 17.56, W70 Flo Berry 19.33, M30 C Jefferson 23.19, Fred Ilverert 25.36, M35 Tom Rewolinski 23.62, Dan Connors 25.21, M40 Stan Druckrey 22.35, Jerry Feldhausen 25.94, M45 Jim Lee 24.42, M50 Jim Streeby 25.96, Bruce Mills 28.72, M60 Chuck Sochor 27.51, M65 Joe Bergthold 28.18, M75 Mel Flachs 36.34, W35 Angie Garcia 36.60, W45 P Danielson 33.88, W70 Flo Berry 43.60

400m

M30 C Jefferson 53.11, M35 Dan Connors 55.55, M45 Jerry Coston 59.91, Jim Hess 71.44, M50 Jim Streeby 57.44, Travis Evans 61.23, Mike Davidson 65.16, M55 Paul Peterson 73.30, M60 Chuck Sochor 63.7, Don Walsh 80.41, M75 Mel Flachs 93.56, W30 Sheree Robertson 69.56

800m

M30 Dick Kennedy 2:06.47, Fred Ilverert 2:06.99, M35 Dan Rinaldi 2:08.80, M40 Gary York 2:05.25, Jerry Feldhausen 2:07.26, Pat McCaskey 2:24.11, M45 Stan Mathes 2:06.16, M50 Jim Streeby 2:16.74, Tom Nuccio 2:50.58, M55 Paul Peterson nta, M60 Chuck Sochor 2:42.5, W30 Carla Ilverert 2:25.4, S Robertson 2:36.4, W35 Leah Rewolinski 2:54.5

1500m

M30 Steve Wilkner 4:35.88, M45 Jerry Coston 5:31.56, Jim Hess 6:27.22, M60 Chuck Sochor 6:23.47, W30 Carla Ilverert 4:59.53

5000m

M30 Steve Wilkner 16:31.4, M40 John Miller 19:03.2

Short Hurdles

M35 Bob Zahn 15.31, M40 Stan Druckrey 14.5, M50 Bruce Mills 18.16, M60 Don Walsh 22.39, W45 MaryLou Platis 15.78

Long Hurdles

M40 Stan Druckrey 58.56, M50 Bruce Mills 51.93, M60 Donald Walsh 63.54

High Jump

M35 John Valiska 5-6, M50 Mike Davidson 4-2, M55 Floyd Smith 5-0, M60 Chuck Sochor 4-0, M65 Jim Platis 4-0, M70 Wib Ragland 3-10, George Rajcevic 3-8, W45 MaryLou Platis 3-4

Pole Vault

M30 Matt Barsic 12-1/2, John Oksas 12-0, M35 John Anderson 14-0, George Lehman 12-1/2, Gary Silbaugh 11-1/2, M50 Joe Griffin 9-0, M60 Tom Hinkes 9-1/2, M70 George Rajcevic 7-0

Long Jump

M35 John Valiska 16-0, M40 Tom Rowe 16-4, Walter Ewing 15-1, Dean Ferb 14-3, M50 Joe Griffin Jr 11-1, M55 Pete Stopoulos 16-8 1/2, M60 Chuck Sochor 11-5, M65 Jim Platis 7-7 1/2, M70 G Rajcevic 11-3 1/2, M75 Mel Flachs 9-3, W35 Penny Danielson 12-8 1/2, MaryLou Platis 10-5 1/2, W60 Mildred Bobowski 9-10 1/2, W70 Flo Berry 9-1

Shot Put

M30 Mike Schaefer 41-2, Bob Hartman 34-11, M35 Pat Burns 47-7 1/2, Dennis Mengeling 37-10 1/2, M40 Jerry Senter 43-4, Larry Readman 36-4 1/2, M45 Barry Donovan 39-2 1/2, M50 Carl Klehm 37-6, Ed Schmidt 36-3, M55 Floyd Smith 31-0, M65 John Vishnevsky 35-0, Jim Platis 29-10, Joe Bergthold 28-6 1/2, M70 George Rajcevic 30-10 1/2, M75 Bill Swisher 25-1/2, W35 Vicki Johnson 25-1/2, W45 MaryLou Platis 21-4 1/2, W60 Mildred Bobowski 22-8, W70 Flo Berry 18-4

Discus

M30 Robert Hartmann 138-0, Mike Schaefer 109-6, M35 Dennis Mengeling 140-3, Pat Burns 134-1, M40 Jerry Senter 143-11, Larry Readman 121-9, M45 John Hess 109-2, Barry Donovan 104-5, John Shultz 92-4, M50 Terry Simmos 141-2, Ed Schmidt 124-10, Carl Klehm 108-9, M55 Everett Hardy 129-11, Pete Stopoulos 85-6, M65 John Vishnevsky 91-0, Jim Platis 72-6, W35 V Johnson 57-4, W45 M Platis 62-10, W60 Mildred Bobowski 43-8, W70 F Berry 62-10

Hammer

M30 Bob Hartmann 147-2, M40 Larry Readman 103-2, M50 Carl Klehm 109-10, M55 Jerry England 104-1, M65 John Vishnevsky 54-2, Javelin M30 Bob Hartmann 128-3, M35 John Valiska 142-9, M40 Phil Converse 84-8, M45 John Hess 101-4, Jim Hess 95-8, M50 John Schultz 82-0, Carl Klehm 81-4, M55 Pete Stopoulos 95-0, M65 Jim Platis 95-3, W35 Vicki Johnson 71-1, W45 MaryLou Platis 65-4, Cindy Hess 37-0, W70 Flo Berry 35-10

Weight

M35 Pat Burns 39-1/2, M45 Barry Donovan 29-5, M55 Jerry England 32-2, Floyd Smith 25-2, M75 Bill Swisher 14-5

Mile RW

M45 Don Mowles 7:37, M65 Jim Platis 11:33

Minnesota TAC Championships
Minneapolis, June 30

100m

1 Paul Montgomery 45 12.5, 2 Ray Burrus 44 12.5, 3 Randall Cleven 48 12.8, 4 Ray Eiland 58 14.1

200m

1 Shawn Regan 41 25.7, 2 Jim Hammond 50 26.1, 3 Paul Montgomery 45 26.3, 4 Randall Cleven 48 26.6, 5 Ray Burrus 44 27.9, 6 Ray Eiland 58 28.1, 7 Harvey Berg 47 28.1, 8 E G Balz 72 39.1

Continued from previous page

Table of race results for various categories including Shot Put, M40, M45, M50, M55, M60, M65, M70, W35, W40, W45, W50, W55, W60, W75, Discus, Hammer, and Javelin.

Table of race results for categories W55, W60, W70, W75, 3000m Walk, M40, M45, M50, M55, M60, M65, M70, M75, W35, W40, W45.

Table of race results for categories M. Stone, D. Butler, W50, W55, W60, W70, 5000m Walk, M40, M45, M50, M55, M60, M65, M70, M75.

Table of race results for categories M55, M60, M70, W40, W45, W50, W55, W60+.

Table of race results for categories W40, W45, W50.

Metro-Macomb Runners 5K Mt. Clemens, MI: July 24

Table of race results for Metro-Macomb Runners 5K Mt. Clemens, MI: July 24, including Overall and Women 45-49.

Metro-Macomb Runners 3 Mile Mt. Clemens, MI: July 31

Table of race results for Metro-Macomb Runners 3 Mile Mt. Clemens, MI: July 31, including Overall and Women 50-54.

LONG DISTANCE RESULTS Please send masters race results to: National Masters News, P.O. Box 2372, Van Nuys, CA 91404. Please include date, distance and city.

NATIONAL

TAC National Masters 50 Mile Championships Columbus, OH: April 7

Table of race results for TAC National Masters 50 Mile Championships Columbus, OH: April 7, including Overall and Women Masters.

EAST

Southampton 8K Southampton, NY: June 1

Table of race results for Southampton 8K Southampton, NY: June 1, including Overall and Women Masters.

Westchester Half-Marathon White Plains to New Rochelle, NY June 23

Table of race results for Westchester Half-Marathon White Plains to New Rochelle, NY June 23, including Overall.

Finger Lakes Trail 50 Mile Ithaca, NY: July 6

Table of race results for Finger Lakes Trail 50 Mile Ithaca, NY: July 6.

Montville Masters 10K Oakdale, CT: July 7

Table of race results for Montville Masters 10K Oakdale, CT: July 7.

Utica Boilermaker 15K Utica, NY: July 14

Table of race results for Utica Boilermaker 15K Utica, NY: July 14, including Overall and Women Masters.

Finger Lakes Trail 15K Ithaca, NY: July 21

Table of race results for Finger Lakes Trail 15K Ithaca, NY: July 21.

SOUTHEAST

Town & Country Twilight 3K Miami, FL: July 6

Table of race results for Town & Country Twilight 3K Miami, FL: July 6, including Overall, Women 40-44, and Women 45-49.

MIDWEST

High Five Masters 5K Highland, NY: July 6

Table of race results for High Five Masters 5K Highland, NY: July 6.

MID AMERICA

Strawberry Shortcut 5K/10K Glenwood Springs, CO June 16

Table of race results for Strawberry Shortcut 5K/10K Glenwood Springs, CO June 16, including Overall, Women 40-44, and Women 45-49.

70 - 98

Table of race results for Women 70-98.

WOMEN 40 - 44

Table of race results for Women 40-44.

WOMEN 45 - 49

Table of race results for Women 45-49.

WOMEN 50 - 54

Table of race results for Women 50-54.

WOMEN 55 - 59

Table of race results for Women 55-59.

WOMEN 60 - 69

Table of race results for Women 60-69.

WOMEN 70 - 98

Table of race results for Women 70-98.

10K

Table of race results for 10K.

50 - 54

Table of race results for Women 50-54.

Continued from previous page

60 - 69
1 BYSTEDT, WARREN 43:35.38
2 HAYES, STAN 48:51.67
3 CALLAHAN, JOHN 53:29.62
4 HENWIG, CLIFF 54:56.99

WOMEN 40 - 49
1 GERVAIS, MARY 42:51.41
2 LUNDIN, CINDY 46:51.42
3 NELVIN, PATRICIA 48:33.83
4 CHAMBERLIN, KATBY 49:06.02
5 STEINBRECHER, MARY 51:00.48
6 WITTEOPP, DIANNE 51:26.29
7 ROBBINS, BARBARA 52:15.23
8 BEATTIE, SARON 52:51.14
9 PERCUSON, LIBBY 53:15.15
10 KEMP, CHARLOTTE 53:18.26

WOMEN 45 - 49
1 STEPHENSON, TERRY 47:34.20
2 PETERSON, DONNA 48:42.63
3 BARNSTEAD, JUDITH 49:49.62
4 MAGGIE, LINDA 53:25.81
5 BROWN, LEANNA 57:26.98
6 KOB, JOY 59:10.94
7 VANDERBURST, CHARLOTTE 1:00:27.65
8 BAREISS, BARBARA 1:00:46.58

WOMEN 50 - 54
1 BANUN, VALDENE 49:03.28
2 TREBILCOCK, JOAN 50:15.39

WOMEN 55 - 59
1 YERO, TOOKIE 1:04:08.17
2 MONTGOMERY, CAROL 1:08:54.72
3 KOBSENI, BETH 1:11:22.08

WOMEN 60 - 69
1 PENNINGTON, LORRAINE 1:09:49.06

Colorado Springs 10K Colorado Springs, CO July 21

Overall
Dennis Leck 29 30:27
J'ne Day-Lucore 30 35:34
M40 John Swartz 34:23
Larry Miller 34:27
Al Grimme 35:09
Jim Brady 35:40
Tom Groves 36:19
M45 Don J Ross 35:07
Ron Davis 37:10
Ben Chavez 37:36
Luis Howe 39:33
Lynn Dougherty 39:34
M50 Jim Brumage 39:17
Glen Ash 39:58
Jim McBride 40:46
R L Waufle 41:36
Gary Emrick 41:36
M55 Ray Nelson 41:43
Bob Greene 42:36
Bob Bussey 42:44
Bob Winters 44:41
Jim Hartman 44:46
M60 Dale Goering 41:30
Ed Steventon 46:30
Bob Maytag 47:23
Helmut Maile 48:51
Ken Bailey 54:13
M65 Gig Frye 50:42
Rodge Rodgers 52:31
Victor Stone 54:46
M70+Bob Martin 50:32
Orval Lohman 52:50
Edson Sower 75 96:17
W40 Judy Felthauer 40:58
Cheryl Beckwith 41:47
Lorraine Hoyle 43:08
Marge Adelman 43:16
W45 Rosalia Behling 44:50
Judy Connally 46:04
Mary Greer 47:42
Donna Nelson 51:17
W50 Grace Rome-Kuhn 47:37
Susie McKillop 51:48
Jeanie Kelsay 55:57
W55 Ruth Mudrich 56:16
Elke Abitbol 56:32
M J Kinsinger 57:39
W65 Juanita Loomis 94:25
W70+Julie Mapps 90:21

Mohawk 5000 Tulsa, OK July 27

OVERALL
Wesley Brown 29 15:20
Mary Kates 39 18:52
M 40-44
Greg Leroy 43 17:24
Larry Krutka 42 17:50
Don Short 44 17:58
Steve Nuckolls 43 18:01
David Mackey 41 18:02
M 45-49
Gary Madison 45 16:46
Dan Vasicek 48 18:05
Leslie Sparkman 47 18:14

Robert Flagler 49 18:33
Richard Martin 49 18:39
M 50-54
Larry Worth 53 17:34
Jim McFadden 52 18:04
Jim Pogue 52 18:49
Don Antle 53 18:54
Charles Bertalot 50 19:02
M 55-59
Steve Blanchard 59 18:27
Fred Dice 55 18:37
Bob Vernon 57 20:56
Jose Herrera 55 21:10
Harry Rogers 55 22:35
M 60-64
Arturo Melendez 60 19:00
Tom Lucas 60 21:14
Michael Waller 63 22:03
Eugene Byrnes 64 22:24
Laddie Ondracek 63 23:19
M65-69
Jim Smith 69 20:49
Ralph Ratcliff 68 23:26
Ken Bays 66 23:56
Bob Lake 67 24:39
Victor Trusty 66 31:53
M 70 & Over
Fisher Lewis 70 23:54
Richard Evans 72 30:40

W 40-44
Vicky Fegaly 42 20:01
Martha Heinsius 40 20:03
Diane Perry 40 20:20
Debbie Winters 41 21:54
J. D. Stigall 41 22:25
W 45-49
Barbara Parker 46 22:17
Barbara Parker 49 24:57
Claire Vasicek 46 25:02
Sherry Morgan 49 25:29
Brenda Nowlin 45 26:01
W 50-54
Linda Brown 50 21:40
Joy Austin 54 24:11
Kathy Moffitt 54 25:02
W55-59
Dru Young 55 24:36
Fran Dice 55 28:54
Barbara Vernon 56 31:27
W 60-64
Marilyn Thompson 60 27:05
Opal Alexander 62 29:10
Jo Campbell 62 34:45
Betty Mitchell 64 39:47
W 65-69
Jimmie Haggard 68 41:28

W40 Michele Tiff 18:42
Loi Coker 19:23
Merle Hiemberg 20:03
Peggy Sullivan 20:17
Sue Reinhardt 20:34
W45 Molly Thayer 19:52
Wendy Watson 20:05
Judy Kewley 20:52
Carmen Connolly 21:50
Karin Handsaker 22:16
W50 Gina Faust 19:47
Bobbi Gould 23:07
Carol Coffey 24:18
W55 Shirley Blush 22:39
Ginie Mains 23:24
Amy Goldstein 24:42
W60 Yukie Mochida 23:58
Heidi Noriyuki 25:49
G Castaneda 27:50
W65 Helen Dick 23:09
(age-group US record)
Leonor Flores 30:03
Anna Griffith 35:38
W70 Mary Schudy 38:41
W75+Lucille Adney 39:51

South Carolina TAC 5K Championships Columbia, June 1

Overall
Ian Whatley 23:09
Cheryl Rellinger 26:14
M40 David Hale 28:32
Kevin Mooney 32:09
Leon Johnson Sr 42:39
M45 Rock Webb 30:31
R H Flanders 40:06
M50 Bill Chelf 27:52
Tom Guzik 33:38
Jim Hall 37:10
M55 Larry Green 27:29
W E Johnson 35:23
M60 A K Michael 30:37
M65 John Snaden 34:17
H C Dunagan 40:44
W40 Brenda Bauer 31:32
Sara Kay Jones 42:42
W50 Frances Johnson 38:24
W60 R R Martin 42:46

Shore AC One-Hour Postal Racewalk Results for 1990

M40 Meters
1 Ray Funkhouser 12417
2 Keith Ward 12389
3 Robert Keating 12384
4 Ed Bouldin 12015
5 Alan Price 12003
6 Enrique Camarena 11800
7 Andrew Smith 11658
8 Stan Chraminski 11644
M45
1 Larry Walker 12623
2 John Johnson 11110
3 Norman Frable 11073
4 Marvin Dunn 10675
5 Don Mowles 10656
6 Jesus Orendain 10579
7 David Snyder 10551
8 Jim Fogle 10547
M50
1 John Knifton 12324
2 Ray McKinnis 11665
3 Dick Ruquist 11419
4 Tom Knatt 11366
5 Chuck Marut 11203
6 Richard Oliver 10951
7 John Murphy 10909
8 Lee Duffner 10552
M55
1 Larry Green 11185
2 Carl Acosta 10627

3 James Lemert 10506
4 Ben Ottmer 10261
5 Andrew Briggs 10216
6 Robert Fine 9914
M60
1 Ken Long 10139
2 Dr Madho Singh 10042
3 Moshe Myerowitz 10003
4 Charles Deuser 9920
5 Glen Peterson 9832
6 Fred Dunn 9766
M65
1 Robert Mimm 10667
2 Frank Lamorte 9861
3 Klaus Timmerhaus 9798
4 Charles Poladian 9588
M70
1 Howard Channel 9825
2 Don Johnson 9405
3 Paul Geyer 9278
M75
1 Edward Seeger 9142
2 Harry Drazin 8202
3 Ben Levitan 7598
M85
1 Sam Gadless 7845
W40
1 Eliz Walbridge 10582
2 Donna Cunningham 10080
3 Donna Cetrulo 10051
4 Paula Kash 9950
5 Pat Cooper 9811
W45
1 Joann Nedelco 11410
2 Jolene Steigerwald 10087
3 Georgia Thomas 9849
5 Anita Hermach 9192
W50
1 Peggy Burke 7303
2 Nancy Sturgell 7597
3 Loye Mattie 8311
4 Marsha Hartz 8488
5 Carole Bateman 8508
W55
1 Rhoda Green 9851
2 Shirley Capps 9600
3 Margaret Seewerker 8971
W60
1 Joan Rowland 9049
2 Pat Nesley 8940
3 Biz Greene 8006
W65
1 Rose Kash 7956
2 Marie Henry 7835
3 Vivian Lowery 7812
W70
1 Emma Warnke 7362
W75
1 Bernice Springer 6547
2 Esther Dutton 4758

Male Masters Age Graded Results Mohawk 5000 - July 27

Time columns are actual time and National Masters News Age Graded time
PLACE NAME AGE S TOWN ST TIME TIME
1 Steve Blanchard 59 M Tulsa OK 0:18:27 0:14:58
2 Larry Worth 53 M Tulsa OK 0:17:34 0:15:05
3 Jim Smith 69 M Tulsa OK 0:20:49 0:15:09
4 Arturo Melendez 60 M Tulsa OK 0:19:00 0:15:16
5 Gary Madison 55 M Tulsa OK 0:18:49 0:15:17
6 Jim McFadden 52 M Tulsa OK 0:18:04 0:15:39
7 Fred Dice 55 M Pryor OK 0:18:37 0:15:42
8 Greg Leroy 43 M Tulsa OK 0:18:05 0:16:09
9 Dan Vasicek 46 M Tulsa OK 0:18:54 0:16:14
10 Don Antle 53 M Tulsa OK 0:19:24 0:16:35
11 Jim Pogue 52 M Sand Springs OK 0:18:14 0:16:24
12 Leslie Sparkman 47 M Broken Arrow OK 0:18:31 0:16:24
13 Robert Flagler 49 M Norman OK 0:19:58 0:16:25
14 Don Short 44 M Tulsa OK 0:18:39 0:16:32
15 Richard Martin 49 M Tulsa OK 0:17:50 0:16:36
16 Larry Krutka 42 M Tulsa OK 0:19:02 0:16:45
17 Steve Nuckolls 43 M Broken Arrow OK 0:19:02 0:16:45
18 Charles Bertalot 50 M Tulsa OK 0:19:02 0:16:45
19 Bob Doenges 48 M Tulsa OK 0:19:02 0:16:45
20 Bob Lehe 48 M Tulsa OK 0:19:02 0:16:45
21 David Mackey 41 M Ft. Smith AR 0:18:02 0:16:53
22 Tom Lucas 60 M Sapulpa OK 0:22:03 0:17:04
23 Michael Waller 63 M Tulsa OK 0:22:03 0:17:04
24 Fisher Lewis 70 M Tulsa OK 0:23:54 0:17:11
25 Andy Hogen 51 M Tulsa OK 0:23:54 0:17:11
26 Eugene Byrnes 64 M Tulsa OK 0:22:24 0:17:15
27 Ralph Ratcliff 68 M Tulsa city OK 0:23:26 0:17:15
28 Len Emanuelson 67 M Tulsa OK 0:23:26 0:17:15
29 Bob Vernon 56 M Tulsa OK 0:20:56 0:17:20
30 Robert Hady 45 M Sperry OK 0:19:01 0:17:21

Female Masters Age Graded Results Mohawk 5000 - July 27

Time columns are actual time and National Masters News Age Graded time
PLACE NAME AGE S TOWN ST TIME TIME
1 Vicky Fegaly 42 F Tulsa OK 0:20:01 0:18:29
2 Martha Heinsius 40 F Tulsa OK 0:21:40 0:18:48
3 Diane Perry 40 F Tulsa OK 0:20:20 0:19:03
4 Debbie Winters 41 F Tulsa OK 0:24:11 0:20:14
5 J. D. Stigall 41 F Tulsa OK 0:24:36 0:20:28
6 Barbara Manning-Parker 46 F Tulsa OK 0:22:25 0:20:53
7 Joy Austin 54 F Tulsa OK 0:22:05 0:21:14
8 Kathy Moffitt 54 F Tulsa city OK 0:22:25 0:21:14
9 Marilyn Thompson 60 F Tulsa OK 0:27:05 0:21:14
10 Nancy Robertson 44 F Tulsa OK 0:22:23 0:21:17
11 Barbara Parker 49 F Tulsa OK 0:25:29 0:22:20
12 Sherry Morgan 49 F Tulsa OK 0:25:29 0:22:20
13 Claire Vasicek 46 F Tulsa OK 0:25:02 0:22:20
14 Opal Alexander 62 F Tulsa OK 0:29:10 0:22:20
15 Linda Brown 50 F Tulsa OK 0:25:02 0:22:20
16 Brenda Nowlin 45 F Tulsa OK 0:26:01 0:22:20
17 Fran Dice 55 F Pryor OK 0:26:01 0:22:20
18 Bonnie Castillo 42 F Tulsa OK 0:26:40 0:24:38
19 Mona Lindsey 56 F Tulsa OK 0:31:27 0:25:46
20 Barbara Vernon 56 F Tulsa OK 0:31:27 0:25:46
21 Wanda Sanders 42 F Tulsa OK 0:28:49 0:26:26
22 Jo Campbell 62 F Tulsa OK 0:31:27 0:26:26
23 Jimmie Haggard 68 F Tulsa OK 0:41:28 0:26:26
24 Betty Mitchell 64 F Tulsa OK 0:39:47 0:29:44
25 Linda Gardner 48 F Tulsa OK 0:39:47 0:29:44
26 Margaret Bern 41 F Tulsa OK 0:39:01 0:35:31
27 Maureen Modlish 44 F Tulsa OK 0:39:01 0:35:31

WEST

Castle Medical Center 10K Kailua HI; July 4

Overall
Steve Littleton 32:33
Darlene Motta 36:35
M40 Ken MacDowell 35:54
David Yamaguchi 38:52
Alan Ichiki 40:32
M45 Gil Mendelson 40:06
Wallace Ishikawa 40:27
Steven Yee 43:02
M50 T Taranishi 38:51
W Stahlberger 40:52
Richard Sullivan 42:29
M55 Bart Matthias 44:06
John Hall 47:27
Robert Doleman 47:35
M60 Tom Limn 46:48
George Lum 47:13
Brooks Kakiuchi 53:13
M65 Bob Henninger 48:54
Ismile Espaniola 75:02
M70+Naoto Inada 45:59
Martin Sherman 54:51
W40 Diane Ridgway 42:35
J Huber-Casswell 46:14
Judith Inazu 49:16
W45 Shiri Alvaro 45:15
Koren Ihara 57:32
W50 Young Teruya 63:09
Irene Au 67:43
W55 Ruth Heidrich 51:13
Martha Burke 61:45
W60 Mary Stanhope 72:29
W65 Ruth Munro 61:48

Gardena 5000 Gardena, CA; June 30

Overall
Greg Whitley ORE 13:45
Tina Ljungberg SWE 16:21
M40 Stephen Keyes 15:47
Joe Alvarado Jr 15:48
Barry Schaeffer 15:48
Bill Sumner 16:04
Tom Williams 16:24
M45 Jussi Ilamalainen 16:08
Steve Myhro 16:17
Don McCarthy 16:18
Juan Cabeza 16:43
Ron Ogilvie 16:24
M50 Jim Chenoweth 17:04
Ed Donoghue 17:27
Chas McClung 17:30
Sonny Monioz 17:37
Brian Fernee 17:59
M55 Andre Tocco 18:19
John Ghini 18:22
Juvenal Herrera 18:29
Bruce Lin 18:32
Peter Faust 18:34
M60 Paul Saucedo 18:51
Pat Devine 19:14
Al Nobuto 20:02
Jerry Withers 21:09
M65 Larry Banuelos 19:28
Milt Bassett 22:31
Jack Green 22:40
M70 Eddie Lewin 22:18
Phil Jones 22:48
Jack Mehlman 25:57
M75+Eugene Benedetti 23:52
Fraser MacMinn 26:31
George Feinstein 27:18
Bob Ashimine 32:27
Dean Scofield 33:36
Jacob Bishin 90 48:11

RACE WALKING

South Carolina Senior Sports Classic Racewalks Florence; May 17-18

1500m
M55 Bobby Thigpen 12:27
M60 Mike Michel 8:15
M65 John Snaden 9:43
M70 Joe Ron Quillo 11:43
Jim Palmer 11:52
M80+Al Nellis 11:23
W60 Iris Huggins 11:30
Ruth Martin 11:50
Laura Blount 12:03
W65 Annie Powell 12:43

5000m
M55 Bobby Thigpen 41:06
M60 M Michel 30:54
M65 John Snaden 34:47
Pete Dunagen 38:11
Taylor Eaton 38:40
M70 Joe Palmer 43:42
M80+Al Nellis 39:11
W60 Ruth Martin 42:07
Laura Blount 43:04
W65 Annie Powell 44:08
D Wallace 45:11

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IX WAVA WORLD VETERANS CHAMPIONSHIPS—TURKU, FINLAND—JULY 18—28, 1991

Heat (H) and semifinal (S) results include winners and USA finishers

100

M40

H1 Antonio Pina	ESP	11.33
H2 Antton Basurko	ESP	11.71
H3 Daniel Sowah	FIN	11.92
H4 Russ Anteronen	USA	12.87
H5 Hans van Bavel	AUS	11.51
H6 Roberto Gonzales	MEX	11.64
H7 Billy Smith	USA	11.55
S1 Antonio Pina	ESP	11.44
S2 Hans van Bavel	AUS	11.52
Billy Smith	USA	11.54

Final

1 Antonio Pina	ESP	11.52
2 Billy Smith	USA	11.60
3 Hans van Bavel	AUS	11.63
4 Roberto Gonzales	MEX	11.78
5 Antton Basurko	ESP	11.89
6 Seppo Tukia	FIN	11.93
7 Bobroy	URS	11.94
8 Vladimir Olin	URS	11.97

M45

H1 Manfred Bellemann	GER	11.66
H2 Walter Gosmann	GER	11.79
H3 Walter Toscher	GER	11.68
H4 John Hedges	USA	13.88
H5 Thaddeus Bell	USA	11.55
H6 Kozabu Kaihara	JAP	11.46
H7 Doug Brown	USA	15.12
H8 Fred Lobman	HOL	11.75
H9 Robb Bong	USA	11.80
H10 Joe Johnson	USA	11.78
S1 Thaddeus Bell	USA	11.46
S2 Joe Johnson	USA	11.58
Robb Bong	USA	11.79
S3 Kozabu Kaihara	JAP	11.38

Final

1 Kozabu Kaihara	JAP	11.45
2 Joe Johnson	USA	11.48
3 Thaddeus Bell	USA	11.50
4 Walter Toscher	GER	11.67
5 Peter Crombie	AUS	11.73
6 Manfred Bellemann	GER	11.81
7 Josef Bolsinger	GER	11.96
8 Manoranjan Porel	IND	11.98

M50

H1 Jorgen Volkert	GER	12.48
H2 Emil Pawlik	USA	12.49
H3 Jorma Ehrstrom	FIN	11.82
H4 Jim Puckett	USA	12.77
H5 Reg Austin	AUS	11.75
H6 Arno Hamaerkes	GER	12.20
H7 Jackson Steffes	USA	13.01
H8 Victor Valles	MEX	12.39
H9 Peter Nitschke	GER	12.41
H10 Theodor Lenk	GER	12.61
H11 Fred Niedermeyer	USA	12.82
S1 Reg Austin	AUS	11.72
S2 Jorma Ehrstrom	FIN	11.81

Final

1 Reg Austin	AUS	11.88
2 Jorma Ehrstrom	FIN	11.96
3 Arno Hamaerkes	GER	12.44
4 Peter Nitschke	GER	12.45
5 Theodor Lenk	GER	12.58
6 Alek Neaterenko	URS	12.65
7 Oswald Rogers	TRI	12.69
8 Victor Valles	MEX	13.03

M55

H1 Hugh Coogan	AUS	12.39
H2 John Darrel	USA	13.17
H3 Heinz Mohry	GER	12.47
H4 John Haugo	USA	13.56
H5 Milton Newton	USA	12.40
H6 Hans Gasper	GER	12.36
H7 Marcel Cote	USA	14.18
H8 Hugo Hartenstein	USA	12.02
H9 Hal Thomas	AUS	12.28
H10 Matt Brown	USA	12.60
H11 Ulrich Schirrow	GER	12.43
H12 Sam Stevenson	USA	17.26
S1 Hal Thomas	AUS	11.92
S2 Hugo Hartenstein	USA	11.89
Milton Newton	USA	12.43
Matt Brown	USA	12.78

Final

1 Hugo Hartenstein	USA	11.90
2 Hal Thomas	AUS	12.10
3 Hans Gasper	GER	12.33
4 David Burton	GBR	12.57
5 Milton Newton	USA	12.58
6 Hugh Coogan	AUS	12.59
7 Jorma Kahma	FIN	12.67
8 Rudolf Boeckl	GER	12.70

M60

H1 Charles Williams	GBR	13.46
H2 Dick Barger	USA	13.69
H3 Richard Greive	USA	14.09
H4 Stig Persson	SWE	13.19
H5 Charles Sochor	USA	13.64
H6 Dmitri Konstantinov	URS	13.13
H7 Dick Marlin	USA	13.53
H8 Will Robinson	USA	13.64
H9 Jack Kendrick	USA	14.52
H10 John Poppell	USA	13.05
H11 John Ingves	FIN	13.32
H12 Larry Anderson	USA	13.48

Final

1 Hugo Hartenstein	USA	11.90
2 Hal Thomas	AUS	12.10
3 Hans Gasper	GER	12.33
4 David Burton	GBR	12.57
5 Milton Newton	USA	12.58
6 Hugh Coogan	AUS	12.59
7 Jorma Kahma	FIN	12.67
8 Rudolf Boeckl	GER	12.70

M65

H1 Cliff McPherson	GUY	12.87
H2 Ted Swanson	USA	13.47
S1 Cliff McPherson	GUY	12.61
S2 John Poppell	USA	12.89

Final

1 Cliff McPherson	GUY	12.94
2 John Poppell	USA	13.23
3 Zeno Constance	TRI	13.28
4 Lars Ingves	FIN	13.34
5 Manfred Jericke	GER	13.36
6 Konstantinov	URS	13.39
7 Heinz Strickstr	GER	13.50
8 Jaakko Nieminen	FIN	13.69

M70

H1 Ernst Ritter	GER	13.21
H2 Mel Larsen	USA	13.29
H3 Hugo Delgado	PER	13.28
H4 Bob Watanabe	USA	13.44
H5 Jim Law	USA	13.19
H6 Ray Bower	USA	14.07
H7 Kurt Schumacher	GER	13.39
H8 Max Goldsmith	USA	15.36
H9 Hugo Schlegel	GER	13.40
H10 Oscar Harris	USA	14.70
S1 Hugo Delgado	PER	13.02
S2 Jim Law	USA	13.09
Bob Watanabe	USA	13.89
S3 Hugo Schlegel	GER	12.91
Mel Larsen	USA	13.07

Final

1 Hugo Schlegel	GER	12.92
2 Jim Law	USA	13.21
3 Ernst Ritter	GER	13.36
4 Mel Larsen	USA	13.39
5 Hugo Delgado	PER	13.41
6 Hideya Yamazaki	JPN	13.46
7 Kurt Schumacher	GER	13.56
8 Fred O'Connor	AUS	13.57

M75

H1 Bill Weinacht	USA	14.42
H2 Bernie Hogan	AUS	13.70
H3 Jay Sponseller	USA	14.78
H4 Ed Matthews	USA	13.91
H5 Tom Kennell	USA	14.50
H6 Bruno Sorroero	ITA	13.95
H7 Andy Collins	USA	16.13

Final

1 Bernie Hogan	AUS	13.93
2 Bruno Sorroero	ITA	14.14
3 Fritz Muhle	GER	14.19
4 Walter Rennschuh	GER	14.34
5 Ed Matthews	USA	14.34
6 Rudolf Ahrenkiel	DEN	14.38
7 Helmut Weber	GER	14.57
8 Bill Weinacht	USA	15.04

M80

H1 Giovanni di Guaro	ITA	15.44
H2 Fritz Assmy	GER	14.06
H3 Giuseppe Marabotti	ITA	14.36
H4 Herb Miller	USA	15.05

Final

1 Fritz Assmy	GER	14.29
2 G Marabotti	ITA	14.83
3 Herb Miller	USA	15.39
4 Einar Flydahl	NOR	15.60
5 G Di Guardo	ITA	15.85
6 Willi Riechers	GER	16.15
7 Pentti Vuorela	FIN	16.19
8 Ben Mackereth	CAN	16.42

M85

H1 Masami Okazaki	JPN	19.37
H2 Sing Lum	USA	21.16
H3 Konrad Boas	USA	21.23
H4 V Hiedanniemi	FIN	21.64
H5 Willard Benton	USA	24.16

Final

1 Murthy Narayana	IND	21.44
2 Buell Crane	USA	22.28
3 Mikko Salonen	FIN	35.57

M90

H1 Joginder Singh	IND	20.82
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M95

H1 Desley Spencer	AUS	12.53
H2 Jacqueline Apavou	FRA	12.56
H3 Marg Hendershot	CAN	12.88
H4 Claudette Bonnet	FRA	12.96
H5 S Gudmundsdottir	ISL	13.09
H6 Debbie Langw	AUS	13.10
H7 Regina Geinitz	GER	13.21
H8 Irene Thompson	USA	13.26

M100

H1 Desley Spencer	AUS	12.53
H2 Jacqueline Apavou	FRA	12.56
H3 Marg Hendershot	CAN	12.88
H4 Claudette Bonnet	FRA	12.96
H5 S Gudmundsdottir	ISL	13.09
H6 Debbie Langw	AUS	13.10
H7 Regina Geinitz	GER	13.21
H8 Irene Thompson	USA	13.26

W40

H1 Phil Raschker	USA	12.73
H2 Geraldine Otto	GER	12.63
H3 Anita Dayha	GER	12.58
H4 Lorraine Tucker	USA	13.74
H5 Anna Wlodarczyk	POL	12.96

Final

1 Geraldine Otto	GER	12.77
2 Phil Raschker	USA	12.80
3 Anita Bayha	GER	12.91
4 Anna Wlodarczyk	POL	13.11
5 Ellen Hees	GER	13.15
6 Nadia Lozkina	URS	13.45
7 Christine Pfeifer	SUI	13.62

W45

H1 Reidun Rushfeldt	NOR	13.42
H2 Marilyn Mitchell	USA	14.08
H3 Yvonne Priestman	GBR	13.28
H4 Noreen Parrish	AUS	13.61
H5 Cathy Primmer	USA	15.77
H6 Beatrice Waldis	SUI	13.21

Final

1 Beatrice Waldis	SUI	13.15
2 Yvonne Priestman	GBR	13.35
3 Reidun Rushfeldt	NOR	13.57
4 Margit Marko	HUN	13.73
5 Karin Kochnitzke	GER	13.84
6 Noreen Parrish	AUS	13.98
7 Jacq. Wladika	AUT	14.05
8 Gerda Seibert	GER	14.12

W50

H1 Annette Horsnell	AUS	14.19
H2 Kathy Holland	AUS	13.87
H3 Dortha Swanson	USA	18.70
H4 Brunhilde Hoffman	GER	13.14
H5 Ingrid Holzknecht	GER	14.03
H6 Ursula Jabs	GER	14.02
H7 Nancy Davis	USA	15.20
H8 Brunhilde Hoffman	GER	13.18
S2 Kathy Holland	AUS	13.92

Final

1 Brunhilde Hoffman	GER	13.33
2 Kathy Holland	AUS	14.00
3 Marjatta Jarvinen	FIN	14.13
4 Annette Horsnell	AUS	14.17
5 Ingrid Holzknecht	GER	14.54
6 Mollie Mills	GER	14.58
7 Galina Morosanova	URS	14.80
8 Walt. Grunefeld	GER	14.89

W55

H1 Heidi Pratsch	GER	15.25
H2 Pat Smith	HOL	14.61
H3 Fei-Mei Chou	USA	17.01
H4 Midori Yamamoto	JPN	14.60
H5 Lilo Rolting	GER	15.16

Final

1 Pat Smith	HOL	14.42
2 Midori Yamamoto	JPN	14.87
3 Lilo Rolting	GER	15.16
4 Ute Krumm	GER	15.30
5 Carina Graham	GBR	15.31
6 Heidi Pratsch	GER	15.40
7 Franca Peggion	ITA	15.43
8 Rosemarie Cheva	GER	15.59

W60

H1 Betty Vosburgh	USA	15.22
H2 Christel Franzen	GER	14.94
H3 Leonore McDaniel	USA	16.35
H4 Ann Cooper	AUS	14.63

Final

1 Ann Cooper	AUS	14.58
2 Betty Vosburgh	USA	15.03
3 Christa Kreuzwi	GER	15.14
4 Christel Franzen	GER	15.18
5 Rosemarie Kreis	GER	15.60
6 Ruth Hunkel	GER	16.29
7 Leonore McDaniel	USA	16.48
8 Mari Martinez	ESP	16.56

W65

H1 Marija Moikina	URS	16.36
H2 Jo Sullivan	USA	17.88
H3 Paula Schnei	GER	15.27
H4 Pat Peterson	USA	16.09

Final

1 P Schneiderhan	GER	15.33
2 Joy Bannister	AUS	15.68
3 Ingrid Lorenz	GER	16.16
4 Patricia Peterson	USA	16.17
5 Marija Moikina	URS	16.40
6 Anna Mangler	GER	16.79
7 Liselotte Schule	GER	17.37
8 Jo Sullivan	USA	18.28

W70

H1 Mary Wixey	GBR	16.76
H2 Carol Peebles	USA	19.59
H3 Eila Hogqvist	FIN	17.37
H4 Marie Stafford	USA	18.77
H5 Diane Friedman	USA	18.89

Final

1 Mary Wixey	GBR	17.52
2 Eila Hogqvist	FIN	17.99
3 Elga Meri	CAN	18.75
4 Elisabeth Haule	GER	18.79
5 Eva Wistrom	SWE	19.12
6 Marie Stafford	USA	19.40
7 Diane Friedman	USA	19.85

W75

H1 Rosaline Sole	NZL	18.80
H2 Hana Gellich	GER	18.85
H3 Isobel Saumier	CAN	18.92
H4 Anny Binder	GER	19.65
H5 Nora Wedemo	SWE	19.71
H6 Annchen Reile	GER	21.42
H7 Pearl Mehl	USA	22.36
H8 Eila Astrom	FIN	25.83

Final

1 Bertha Hielscher	GER	22.55
2 Ruth Frith	AUS	26.72
3 Marilla Salisbury	USA	32.90

W80

H1 Bertha Hielscher	GER	22.55
H2 Ruth Frith	AUS	26.72
H3 Marilla Salisbury	USA	32.90

100 AGE-GRADED RACE*

Men

H1 Hugo Hartenstein	55 USA	10.55
H2 Reg Austin	50 AUS	10.85
H3 Hugo Schlegel	65 GER	10.85
H4 Kobazu Kaihara	45 JPN	10.91
H5 Bernie Hogan	70 AUS	10.97
H6 Pajunen Ahti	80 FIN	11.85
H7 Antonio Pina	40 ESP	DNS
H8 Cliff McPherson	60 GUY	DNS
H9 Fritz Assmy	75 GER	DNS
H10 Masami Okazaki	85 JPN	DNS

Women

H1 Geraldine Otto	40 GER	11.22
H2 Ann Cooper	60 AUS	11.24
H3 Desley Spencer	35 AUS	11.32
H4 Beatrice Waldis	45 SUI	11.48
H5 P Schneiderhan	65 GER	11.59
H6 Mary Wixey	70 GBR	12.07
H7 Pat Smith	55 HOL	12.10
H8 Rosaline Sole	75 NZL	13.00
H9 Brunhilde Hoffman	50 GER	DNS
H10 Bertha Hielscher	80 GER	DNS

*Winners of each 100 race given distance handicaps based on WAVA Age-Graded Tables

200

M40

H1 Anatoli Bobrov	URS	23.91
H2 Russell Anteronen	USA	26.41
H3 Ken Brinker	USA	23.83
H4 Hans van Bavel	AUS	23.77
H5 Peter Huber	GER	24.19
H6 Roberto Gonzales	MEX	23.47
S1 Roberto Gonzales	NEX	23.37
S2 Ken Brinker	USA	23.51

Final

1 Ken Brinker	USA	23.35
2 Roberto Gonzales	MEX	23.35
3 Anatoli Bobrov	URS	23.53
4 Dominique Legagneux	FRA	23.64
5 Hans van Bavel	AUS	23.75
6 Peter Huber	GER	23.83
7 Vincenzo Felicetti	ITA	24.00
8 Robert Zimmerman	CAN	24.01

M45

H1 Peter Crombie	AUS	24.09
H2 Kozabu Kaihara	JPN	23.67
H3 Thaddeus Bell		

Continued from previous page

M80

1 Ahti Pajunen	FIN	34.03
2 Eskil Bergqvist	SWE	37.65
3 Chin-Ho Yeh	TPE	37.71
4 Dick Lacey	USA	38.00
5 Zoltan Jonkas	HUN	46.44

M85

1 Sigurd Tormoen	NOR	43.83
2 Konrad Boas	USA	44.66
3 Sing Lum	USA	46.05
4 Willard Benton	USA	49.73

M90

1 Murthy Narayana	IND	44.77 WR
2 Paul Spangler	USA	67.86

M95

1 Joginder Singh	IND	48.42
2 Herb Kirk	USA	62.28

W35

H1 Debbie Lange	AUS	26.50
H2 Deslie Spencer	AUS	26.00
Jody Murray	USA	27.72
H3 Sigurbor Gudmunds'r	ISL	26.94
Irene Thompson	USA	27.71

Final

1 Jacqueline Apavou	FRA	25.55
2 Desley Spencer	AUS	25.76
3 Margaret Hendershot	CAN	25.79
4 Debbie Lange	AUS	25.92
5 Claudette Bonnet	FRA	26.43
6 Regina Geinitz	GER	26.63
7 S Gudmundsdottir	ISL	26.84
8 Karen Adams	AUS	27.60

W40

H1 Geraldine Otto	GER	26.27
H2 Barbara Blurton	GBR	26.81
H3 Ellen Hees	GER	26.66
Kathy Holmstrom	USA	31.33

Final

1 Geraldine Otto	GER	26.26
2 Anita Bayha	GER	26.43
3 Ellen Hees	GER	26.62
4 Anna Edlinger	AUT	NT
5 Danielle Desmier	FRA	26.91
6 Barbara Blurton	GBR	27.14
7 Monique Nanteuil	FRA	27.17
8 Harlet Thomas-Val'g	HOL	27.41

W45

H1 Karen Kochnitzke	GER	28.43
H2 Noreen Parrish	AUS	28.79
Marilyn Mitchell	USA	31.12
H3 Beatrice Waldis	SUI	27.41
H4 Yvonne Priestman	GBR	27.59
Cathy Primmer	USA	32.74

Final

1 Beatrice Waldis	SUI	26.88
2 Yvonne Priestman	GBR	27.32
3 Reidun Rushfeldt	NOR	27.58
4 Karin Kochnitzke	GER	28.30
5 Gerda Seibert	GER	28.41
6 Noreen Parrish	AUS	28.66
7 Doris Gallep	GER	29.18
8 Glory Barnabas	SIN	29.21

W50

H1 Brunhilde Hoffmann	GER	27.62
Meredith Thielman	USA	34.04
H2 Marjatta Jarvinen	FIN	29.44
Nancy Davis	USA	32.72
H3 Annette Horsnell	AUS	29.79
H4 Kathy Holland	AUS	29.31

Final

1 Brunhilde Hoffmann	GER	27.62
2 Kathy Holland	AUS	28.58
3 Marjatta Jarvinen	FIN	29.01
4 Annette Horsnell	AUS	29.35
5 Claudine Dembourg	FRA	29.63
6 Mollie Mills	GBR	29.99
7 Riet van Walree	HOL	30.24

W55

H1 Pat Smith	HOL	30.40
Carolyn Cappetta	USA	30.68
Lucy Ann Brobst	USA	33.71
H2 Midori Yamamoto	JPN	31.01
Fei-Mei Chou	USA	36.91

Final

1 Pat Smith	HOL	29.26
2 Carolyn Cappetta	USA	30.04
3 Midori Yamamoto	JPN	30.63
4 Lilo Rolting	GER	31.09
5 Astrid Nilsson	SWE	32.04
6 Edith Arnold	GER	32.65
7 Rosemarie Chevalley	GER	32.79
8 Emma Mazzwnga	ITA	33.11

W60

H1 Ann Cooper	AUS	30.35
H2 Christel Franzen	GER	30.62
Leonore McDaniels	USA	35.10

Final

1 Ann Cooper	AUS	30.21
2 Christel Franzen	GER	30.90
3 Agnes Blom	BEL	33.67
4 Mari Martinez	ESP	33.75
5 Ruth Hunkel	GER	33.76
6 Marcia Petley	NZL	35.31
7 Kirsti Vilhunen	FIN	35.64
8 Leonore McDaniels	USA	36.11

W65

1 Paula Schneiderhan	GER	32.50
2 Joy Bannister	AUS	32.62
3 Patricia Peterson	USA	34.09
4 Marija Moikina	URS	34.85
5 Anna Bangler	GER	35.01
6 Else Laine	FIN	37.02
7 Josephine Sullivan	USA	38.34
8 Ivonne Alban	ITA	41.53

W70

1 Mary Wixey	GBR	35.03
2 Elisabeth Haule	GER	37.21
3 Eila Hoggqvist	FIN	37.75
4 Marie Stafford	USA	38.73
5 Diane Friedman	USA	39.97
6 Carol Peebles	USA	40.67
7 Peggy Taylor	GBR	40.76

W75

1 Rosaline Sole	NZL	39.45
2 Hanna Gelbrich	GER	40.43
3 Isobel Saunier	CAN	41.74
Pearl Nehl	USA	DQ

W80

1 Bertha Hielscher	GER	46.59
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400

M40

H1 Billy Smith	USA	53.59
H2 Peter Browne	GBR	52.29
Russell Anterinen	USA	59.45
H3 Ken Brinker	USA	53.43
H4 Sergei Gerasimov	URS	51.66
H5 Roberto Gonzales	MEX	52.07
Tim McMullen	USA	63.74

S1 Roberto Gonzales MEX | 51.13 |

Billy Smith USA | 51.36 |

S2 Peter Browne GBR | 50.85 |

Ken Brinker USA | 51.52 |

Final

1 Peter Browne	GBR	50.48
2 Sergei Gerasimov	URS	50.80
3 Roberto Gonzales	MEX	51.03
4 Billy Smith	USA	51.11
5 Ken Brinker	USA	51.64
6 Aki Makinen	FIN	52.30
7 Leonard Classen	NMB	52.48
8 Fred van Casteren	HOL	52.67

M45

H1 Harold Morioka	CAN	52.65
H2 Winston Thomas	GBR	52.86
Robb Bong	USA	53.10
H3 Leslie Duffy	GBR	53.46
H4 James Huggins	AUS	55.89
John Aldridge	USA	56.03
H5 John Henson	GBR	55.06

S1 Harold Morioka CAN | 52.27 |

Robb Bong USA | 53.19 |

S2 Peter Crombie AUS | 53.01 |

John Aldridge USA | 55.50 |

Final

1 Harold Morioka	CAN	51.18
2 Winston Thomas	GBR	52.42
3 Leslie Duffy	GBR	52.63
4 John Henson	GBR	52.70
5 Jose Niquez	ESP	52.88
6 Peter Crombie	AUS	53.64
7 Robb Bong	USA	53.65
8 Aimo Peltonen	FIN	53.76

M50

H1 Syd Walton	GBR	57.94
Cliff Bedell	USA	59.41
H2 Reg Austin	AUS	56.09
Jon Lomax	USA	58.91
H3 Jackson Steffes	USA	59.15
H4 Frank Hearn	IRL	56.53
Joe Thielman	USA	57.67
H5 Oswald Rogers	TRI	56.93
Eric Owers	USA	58.30
Fred Niedermeyer	USA	59.40

S1 Reg Austin AUS | 56.31 |

Joe Thielman USA | 56.60 |

Cliff Bedell USA | 58.90 |

Eric Owers USA | 59.70 |

S2 Oswald Rogers TRI | 55.58 |

Fred Niedermeyer USA | 58.81 |

Final

1 Reg Austin	AUS	53.63
2 Oswald Rogers	TRI	55.12
3 Syd Walton	GBR	55.30
4 Frank Hearn	IRL	56.13
5 Gerhardt Hansen	USA	56.53
6 Juan Stocker	CAN	56.59
7 Alfons Dillen	BEL	56.80
8 Joe Thielman	USA	56.98

Final

1 Ralph Romain	TRI	53.41
2 Hans Gasper	GER	56.11
3 Cliff Pauling	USA	56.34
4 Heinz Mohry	GER	57.00
5 Tor Trondset	SWE	57.93
6 Hugh Coogan	AUS	57.98
7 Harry Geier	GER	58.82
8 Francois Cornelis	BEL	59.25

M60

H1 Wilhelm Selzer	GER	62.12
Larry Anderson	USA	64.56
Bill Smallwood	USA	65.86
H2 Harry Brown	USA	63.92
Kelsey Brown	USA	67.48
H3 Chuck Sochor	USA	60.62
Ted Swanson	USA	69.94
H4 Earl Fee	CAN	61.14
James McGowan	USA	63.75

Final

1 Wilhelm Selzer	GER	57.36WR
2 Keith Whitaker	GBR	60.02
3 Chuck Sochor	USA	60.21
4 Salvador Munoz	CHI	60.68
5 Earl Fee	CAN	60.69
6 Knut Bergesen	NOR	61.45
7 Horst Schafer	GER	61.48
8 Harry Brown	USA	63.74

M65

H1 Jim Law	USA	63.04
Tom Berry	USA	82.10
H2 Tom Hishon	AUS	66.06
Oscar Harris	USA	70.68
H3 Hannu Suoknuuti	FIN	65.20
Rudy Valentine	USA	69.27
John McCarthy	USA	76.75
H4 Jack Greenwood	USA	64.35

Final

1 Jack Greenwood	USA	60.23WR
2 Jim Law	USA	60.67
3 Kurt Schumacher	GER	62.70
4 Hannu Suoknuuti	FIN	62.74
5 Nikolai Metjolkina	URS	63.74
6 Tom Hishon	AUS	65.22
7 Bertil Unnelio	SWE	66.41
8 Hisaki Tamoto	JPN	68.20

M70

H1 Rudolf Ahrenkiel	DEN	68.28
Jim Manno	USA	69.54
Bob Hunt	USA	76.07
H2 Pierre Darrot	FRA	66.70
Jay Sponseller	USA	68.52
H3 Ed Matthews	USA	68.02

Final

1 Pierre Darrot	FRA	65.39
2 Tibor Mihaly	HUN	67.13
3 Rudolf Ahrenkiel	DEN	67.41
4 Jay Sponseller	USA	68.59
5 Ed Matthews	USA	69.60
6 Jim Manno	USA	69.76
7 Bob Hunt	USA	75.24

M75

H1 Giovanni di Buardo	ITA	74.12
H2 Fritz Assmy	GER	70.96

Final

1 Fritz Assmy	GER	69.96
2 Antonio Fonseca	BRA	74.21
3 Giovanni di Guardo	ITA	74.50
4 Leonard Watson	GBR	77.28
5 Friedr-Ernst Mahlo	GER	77.58
6 Ben Mackereith	CAN	79.72
7 Alexander Ernesaks	CAN	80.18

M80

1 Erkki Haapalainen	FIN	85.65
2 Virgil McIntyre	USA	89.97
3 Dick Lacey	USA	98.03
4 Ragnvald Naesje	NOR	104.36
5 Yrjo Loikkanen	FIN	131.28

M85

1 Longino Perez	MEX	1:37.75
2 Willard Benton	USA	1:47.37
3 Sigurd Tormoen	NOR	1:48.77
4 Knorad Boas	USA	1:56.94

M90

1 Murthy Narayana	IND	1:59.76WR
2 Paul Spangler	USA	2:24.12

W35

H1 Zoja Romanova	URS	61.20
Debbie Ellis	USA	83.14
H2 Debbie Lange	AUS	61.78
H3 Margaret Hendershot	CAN	60.11
Jody Murray	USA	62.60

Final

1 Margaret Hendershot	CAN	58.13
2 Debbie Lange	AUS	58.89
3 Nadja Izvekova	URS	61.10
4 Desley Spencer	AUS	61.92
5 Jody Murray	USA	62.61
6 Marga Otten	HOL	62.89
7 Irene Pos	HOL	62.97
8 Zoja Romanova	URS	63.30

W40

H1 Unnur Stefansdottir	ISL	60.74
H2 Barbara Blurton	GBR	59.41
H3 Elsa Tikkanen	FIN	60.63
Kathy Holmstrom	USA	70.86

Final

1 Barbara Blurton	GBR	58.38
2 Anita Bayha	GER	59.01
3 Anna Edlinger	AUT	59.10
4 Elsa Tikkanen	FIN	59.53
5 Unnur Stefansdottir	ISL	60.07
6 Judith Jaensch	AUS	61.45
7 Anita Verzeele	BEL	62.32
8 Caroline Marler	GBR	62.69

W45

H1 Marjorie Hocknell	GBR	63.15
Cathy Primmer	USA	73.25
H2 Marge Allison	AUS	64.68
H3 Reidun Rushfeldt	NOR	65.04

Final

1 Marge Allison	AUS	62.10
2 Marjorie Hocknell	GBR	63.08
3 Leena Halme	FIN	64.24
4 Reidun Rushfeldt	NOR	64.25
5 Karin Kochnitzke	GER	65.20
6 Taffy Martin	FRA	65.26
7 Chris Waring	NZL	66.89
8 Glory Barnabas	SIN	67.88

W50

H1 Kathy Holland	AUS	66.54
H2 Brunhilde Hoffmann	GER	65.43
Jeanne Hoagland	USA	71.86
H3 Jean Hulls	GBR	65.92
Meredith Thielman	USA	82.03

Final

1 Brunhilde Hoffmann	GER	62.89WR
2 Jean Hulls	GBR	63.70
3 Kathy Holland	AUS	64.41
4 Claudine Dembourg	FRA	66.44
5 Ann Rosenitsch	CAN	66.78
6 Kristina Carsson	SWE	67.53
7 Susanna Kristoff	NOR	68.70

W55

H1 Carolyn Cappetta	USA	65.46WR
Kathy McIntyre	USA	77.04
H2 Pat Smith	HOL	69.20
Lucy Ann Brobst	USA	78.10

Final

1 Carolyn Cappetta	USA	65.48
2 Pat Smith	HOL	67.39
3 Vela Belbeze	FRA	67.87
4 Albina Tshernova	URS	69.97
5 Astrid Nilsson	SWE	70.71
6 Inga Polakova	URS	72.61
7 Lea Vilpas	FIN	74.08
8 Hella Warner	GER	75.73

W60

H1 Ann Cooper	AUS	72.36
H2 Betty Vosburgh	USA	70.28

Final

1 Ann Cooper	AUS	67.97WR
2 Betty Vosburgh	USA	69.51
3 Christel Franzen	GER	70

Continued from previous page

Final

1 James Lytjen	USA	2:27.57WR
2 Dumitru Talmaciu	ROM	2:32.37
3 Tibor Mihaly	HUN	2:41.76
4 Jay Sponseller	USA	2:42.28
5 Graeme McPherson	NZL	2:43.36
6 Nils Roupe	SWE	2:46.01
7 Massao Ishida	BRA	2:46.35

M75

H1 Crisanthos Bilou's GRE 3:08.03
Dudley Healy USA 3:34.46

H2 Eero Santala FIN 2:59.48
Ed Stotsenberg USA 3:15.11
Chen-Ling Wang USA 3:31.19

Final

1 Eero Santala	FIN	2:59.96
2 Paul Kalinowski	GER	3:03.59
3 Crisanthos Bilou's	GRE	3:04.10
4 Yrjo Hupponen	FIN	3:05.33
5 Pierre Mascere	FRA	3:07.76
6 Willi Vogel	GER	3:08.59
7 Hans Weickardt	CAN	3:10.03
8 Ed Stotsenberg	USA	DNF

M80

1 Ed Benham	USA	3:24.61
2 Wilhelm Dietrich	GER	3:32.22
3 LaGrand Nielsen	USA	3:53.56
4 Ragnvald Naesje	NOR	3:54.33
5 Dooitje Kleefstra	HOL	4:09.53
6 Alipio Santos	POR	5:30.50

M85

1 Longino Perez	MEX	3:51.50
2 Leevi Kauppi	FIN	3:58.53
3 Willard Benton	USA	4:04.66

M90

1 Murthy Narayana	IND	5:01.38
2 Paul Spangler	USA	5:21.91

M95

1 Herb Kirk	USA	6:02.94
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W35

1 Sally Young	GBR	2:15.69
2 Eva-Maria Michalek	GER	2:18.70
3 Tuula Torni	FIN	2:21.18
4 Irene Fos	HOL	2:22.05
5 Francoise Duval	FRA	2:25.49
6 Victoria Adams	NZL	2:29.52
7 Eva Wahlberg	SWE	2:35.26
8 Sabina Szymtke	POL	2:43.83
11 Deborah Ellis	USA	3:03.44

W40

H1 Ingerlise Jensen DEN 2:22.18
H2 Hedwig Bongartz GER 2:29.75

Final

1 Judy Daly	AUS	2:15.66
2 Pam Graham	NZL	2:18.55
3 U Stefansdottir	ISL	2:19.38
4 Otilie Nitsche	GER	2:20.93
5 Hedwig Bongartz	GER	2:21.64
6 Judith Jaensch	AUS	2:24.52
7 Sirkka Vilppola	FIN	2:31.87

W45

H1 Patricia Gallagher GBR 2:25.87
H2 Leena Halme FIN 2:26.83
Connie Manley USA 2:48.87

Final

1 Patricia Gallagher	GBR	2:19.96
2 Leena Halme	FIN	2:25.29
3 Margaret Orman	NZL	2:26.52
4 Birgit Hirvela	FIN	2:29.23
5 Gun Eriksson	SWE	2:30.44
6 Taffy Martin	FRA	2:31.39
7 Rigmor Osterlund	DEN	2:32.49
8 C Schieferdecker	GER	2:37.39

W50

H1 Walburga Klockers GER 2:31.86
Madeline Bost USA 2:40.35
H2 Susanna Kristoff NOR 2:33.48
Yvette Lavigne USA 2:37.31

Final

1 Walburga Klockers	GER	2:28.63
2 Gerd van Kooten	HOL	2:29.96
3 Susanna Kristoff	NOR	2:30.20
4 Kristina Carlsson	SWE	2:31.79
5 Yolande Marchal	FRA	2:35.16
6 Yvette Lavigne	USA	2:38.06
7 Eva Carlsen	NOR	2:38.62
8 Madeline Bost	USA	2:40.38

W55

H1 Anny Vandervleuten CAN 2:43.60
June Dickinson USA 2:57.29
H2 Jean Horne CAN 2:43.71
Joyce Hals USA 2:49.31
Sally Strazdins USA 2:58.30
Kathleen McIntyre USA 3:04.50

Final

1 Edeltraud Pohl	GER	2:37.42 WR
2 Albina Tshernova	URS	2:38.01
3 A van der Vleuten	CAN	2:38.70
4 Jean Horne	CAN	2:45.62
5 Joyce Hals	USA	2:47.39
6 Myfanwy Loudon	GBR	2:51.49
7 Pauline Hewitt	NZL	2:54.43
8 Inga Polakova	URS	2:58.35

W60

1 Berthilia de Preter	BEL	2:58.44
2 Helene Glet	FRA	2:59.09
3 Ruth Carrier	CAN	2:59.16
4 Inge Nagel	GER	3:00.64
5 Jocelyn Ross	GBR	3:01.51
6 Marcia Petley	NZL	3:05.98
7 Gunnel Lundqvist	SWE	3:06.61
8 Shirley Brasher	AUS	3:12.26
9 Nancy Smalley	USA	3:20.76

W65

1 Ertka Werner	GER	3:19.06
2 Anna Mangler	GER	3:20.91
3 Louise Adams	USA	3:21.33
4 Else Laine	FIN	3:24.58
5 Dawn Russell	USA	3:25.35
6 Dorly Brechbuehl	CAN	3:27.08
7 Hazel Cameron	CAN	3:32.42

W70

1 Gerry Davidson	USA	3:24.80
2 Marie Stafford	USA	3:30.34
3 Carol Peebles	USA	3:47.58
4 Diane Friedman	USA	4:27.16

W75

1 Johanna Luther	GER	3:39.25
2 Pearl Mehl	USA	4:00.41
3 Ivy Granstrom	CAN	4:34.74
4 Dorothy Stotsen'g	USA	4:40.77

1500

M40

H Ken Popejoy USA 4:08.47
Ron Jensen USA 4:13.89
Steve Ferraz USA 4:22.92
Daryl Katchier USA 4:24.55
Karl Fields USA 4:26.27
Paul Freeman USA 4:55.78

Final

1 Ken Popejoy	USA	4:02.54
2 Ian Cousins	NZL	4:04.17
3 Yair Karni	ISR	4:04.58
4 Peter Duhig	GBR	4:05.01
5 Heikki Vakkuri	FIN	4:05.19
6 Nikolai Shatushin	URS	4:05.60
7 Peter Molloy	GBR	4:06.11
8 John Molloy	AUS	4:06.44
9 Ron Jensen	USA	4:08.23

M45

H1 John Potts GBR 4:15.81
Ross Bogert USA 4:45.85
George Linn USA 5:01.64

H2 Ron Marcelina HOL 4:15.73
Jim Hampton USA 4:17.31
Mike Manley USA 4:33.78
Doug Brown USA 6:00.01

Final

1 Ron Marcelina	HOL	4:05.82
2 John Potts	GBR	4:08.32
3 Trevor Alderdice	GBR	4:11.70
4 Markku Veijalainen	FIN	4:15.55
5 Juri Berezuk	URS	4:16.80
6 Stig Jonsson	SWE	4:17.42
7 Patrick Makles	FRA	4:17.51
8 Jim Hampton	USA	4:19.03

M50

H1 Tom Laris USA 4:24.20
Dan Hammer USA 4:29.89
Mel Yoder USA 4:50.20

H2 Nelson da Silva BRA 4:30.34
Neil Doherty USA 4:33.24
Frank Wagner USA 4:40.30
Seth Kaminsky USA 4:43.08

Final

1 Nelson da Silva	BRA	4:18.33
2 Ad Heijdens	HOL	4:18.52
3 Tom Laris	USA	4:22.91
4 Kristoffer Velstad	NOR	4:27.06
5 Amil Mushametjanov	URS	4:27.87
6 Jussi Hartikainen	FIN	4:28.27
7 W van der Broeck	GER	4:29.13
8 Tauno Iso-Trykari	FIN	4:30.29
9 Neil Doherty	USA	4:30.70
11 Dan Hammer	USA	4:41.20

M55

H Gennadi Salamanov URS 4:40.68
John Conner USA 4:41.62
James Aneshansley USA 4:43.58
Ed Alexander USA 5:04.13
Al Ray USA 5:29.71
James Keat USA 5:41.18

Final

1 Rolf Conzelmann	GER	4:28.59
2 Gennadi Salamanov	URS	4:32.20
3 John Conner	USA	4:33.27
4 Jean van Onselen	BEL	4:37.75
5 Murray Taylor	NZL	4:38.73
6 Robert Kjeldsen	DEN	4:42.15
7 James Aneshansley	USA	4:45.12
8 Loyate Lopez	ESP	4:47.57

M60

H Willem Ravenbergen HOL 4:50.11
Jim Sutton USA 4:54.07
Tom Brinton USA 5:05.03

Final

1 Jim Sutton	USA	4:32.09
2 Simon Herlaar	HOL	4:33.81
3 Cesare Bini	ITA	4:37.93
4 Leif Onshus	NOR	4:48.63
5 Alan Hughes	GBR	4:51.42
6 James Charman	GBR	4:54.28
7 Egon Nielsen	DEN	4:54.65
8 Lennart Wallin	SWE	5:01.18
9 Tom Brinton	USA	5:04.79

M65

H Kauko Villanen FIN 5:03.32
Joe King USA 5:05.73
Archie Messenger USA 5:12.62
Leonard Tritsch USA 5:32.19

Final

1 Joe King	USA	4:56.31
2 Kauko Villanen	FIN	4:59.78
3 Gert Ekman	SWE	5:00.49
4 Ake Kant	SWE	5:02.88
5 Archie Messenger	USA	5:13.99
6 Walter Sauerwein	GER	5:17.90
7 Ferd. Moskovits	ROM	5:17.86
8 Remi Boterberg	BEL	5:21.00
9 Leonard Tritsch	USA	5:28.20

M70

1 James Lytjen	USA	5:14.97
2 Dumitru Talmaciu	ROM	5:15.94
3 John Gilmour	AUS	5:21.56
4 Yukim'u Kobayashi	JPN	5:26.56
5 Paul Faude	SUI	5:35.38
6 Graeme McPherson	NZL	5:44.76
7 Emiel Pauwels	BEL	5:52.55
8 Howard Strassenb'g	USA	5:56.70
9 Norman Hansen	USA	5:57.99

M75

1 Teivo Perttu	FIN	6:13.06
2 Yrjo Hupponen	FIN	6:18.42
3 Paul Kalinowski	GER	6:20.95
4 Pierre Mascere	FRA	6:32.54
5 Tauno Raskinen	FIN	6:45.29
6 Ed Stotsenberg	USA	6:50.73
7 Dudley Healy	USA	7:10.16
8 Stepan Andronov	URS	7:24.74
9 Chen-Ling Wang	USA	7:45.12
10 John Williams	USA	9:15.05

M80

1 Ed Benham	USA	6:25.45
2 Leonard Dahlsten	USA	6:28.38
3 Wilhelm Dietrich	GER	7:15.30
4 Ragnvald Naesje	NOR	7:31.14
5 Veikko Kymala	FIN	8:03.98
6 LaGrand Nielsen	USA	8:15.92

M85

1 Alfred Althaus	GER	7:40.41
2 Leevi Kauppi	FIN	7:55.84
3 Longino Perez	MEX	7:59.18
4 Willard Benton	USA	8:26.82

M90

1 Murthy Narayana	IND	10:02.01
2 Paul Spangler	USA	10:10.71

W35

1 Sally Young	GBR	4:33.14
2 Tatjana Kazankina	URS	4:47.58
3 Eva Maria Michalek	GER	4:49.11
4 Francoise Duval	FRA	4:40.56
5 Olga Kostestkaja	URS	5:00.09
6 Tuula Torni	FIN	5:04.37
7 Natalia Shirncoova	URS	5:15.77
8 Ewa Waulberg	SWE	5:25.57
10 Deborah Ellis	USA	6:04.10

W40

1 Judy Daly	AUS	4:37.43
2 Pam Graham	NZL	4:43.14
3 Ingerlise Jensen	DEN	4:50.61
4 Jacqueline Hansen	USA	4:52.19
5 Otilie Nitsche	GER	4:59.50
6 Sirkka Vilppola	FIN	5:10.28
7 Tamara Scrokina	URS	5:11.17
8 Ludmila Tokareva	URS	5:12.31
9 Cheryl Kincaide	USA	7:25.60

W45

1 Patricia Gallagher	GBR	4:48.40
2 Rigmor Osterlund	DEN	5:00.72
3 Margaret Orman	NZL	5:02.30
4 Birgit Hirvela	FIN	5:04.89
5 Barbara Schweifel	GER	5:05.87
6 Leena Halme	FIN	5:07.72
7 Gun Eriksson	SWE	5:07.80
8 C Schieferdecker	GER	5:23.74
14 Connie Manley	USA	5:42.23

W50

1 Walburga Klockers	GER	5:04.99
2 Gerda van Kooten	HOL	5:09.81
3 Elke Bolsinger	GER	5:14.23
4 Kristina Carlsson	SWE	5:17.45
5 Yolande Marchal	FRA	5:19.67
6 Susanna Kristoff	USA	5:21.26
7 Yvette Lavigne	USA	5:24.21
8 Madeline Bost	USA	5:24.84
10 Jeanne Hoagland	USA	5:41.25
14 Judy Scott	USA	5:47.99

W55

1 Edeltraud Pohl	GER	5:12.43 WR
2 Jean Horne	CAN	5:17.19
3 Elfriede Hodapp	GER	5:18.48
4 A van der Vleuten	CAN	5:22.17
5 Ewa Soderstrom	SWE	5:23.31
6 Myfanwy Loudon	GBR	5:31.90
7 Joyce Hals	USA	5:34.71
8 Pauline Hewitt	NZL	5:46.77
10 June Dickinson	USA	6:03.02
11 Kathy McIntyre	USA	6:04.01

W60

1 Marion Irvine	USA	5:46.61
2 Helene Glet	FRA	5:50.26
3 Berthilia de Preter	BEL	5:51.16
4 Joselyn Ross	GBR	5:51.53

5 Sophie Wisman	HOL	6:09.13
6 Shirley Brasher	AUS	6:12.04
7 Gunnel Lundqvist	SWE	6:15.05
8 Elsbeth Hennseler	GER	6:22.43

W65

1 Nina Naumenko	URS	6:16.40
2 Ertka Werner	GER	6:35.04
3 Dorly Brechbuehl	CAN	6:46.14
4 Louise Adams	USA	6:47.56
5 Dawn Russell	USA	6:59.12
6 Hazel Cameron	CAN	7:05.16
7 Jewel McRae	NZL	7:27.14

W70

1 Britta Tibbling	SWE	6:45.89
2 Gerry Davidson	USA	6:50.08
3 Marie Stafford	USA	7:03.50
4 Carol Peebles	USA	7:58.73

W75

1 Johanna Luther	GER	7:06.13WR
2 Algene Williams	USA	7:48.84
3 Mary Haines	USA	8:30.04
4 Pearl Mehl	USA	8:37.49
5 Ivy Granstrom	CAN	9:00.80

W80

1 Anne Clarke	USA	8:36.90WR
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5000

M40

H1 Antonio Riscado POR 15:29.94
James McGill USA 15:41.49
Paul Freeman USA 18:13.78

H2 Malcolm Lynn AUS 15:15.75
Don Kardong USA 15:19.55
Randy Taylor USA 16:40.00

H3 Heimo Karkkainen FIN 15:23.83
Karl Fields USA 16:45.10

Final

1 Camelo Vera	MEX	14:24.19
2 Heimo Karkkainen	FIN	14:56.94
3 Antonio Riscado	POR	14:58.22
4 Malcolm Lynn	AUS	15:02.45
5 Omer van Noten	BEL	15:04.17
6 Heimo Mustonen	FIN	15:08.85
7 Aleksei Kulitshev	URS	15:11.09
8 Don Kardong	USA	15:12.22

M45

H Bert Streumer HOL 15:45.86
Rich Davis USA 16:25.69
Joseph Cote USA 17:22.86
Ross Bogert USA 19:07.44
Wayne Nay USA 19:56.78

Final

Continued from previous page

W55

7 Sinikka Toropai'n	FIN	19:19.22
8 Liisa Kujala	FIN	19:53.69
Judy Scott	USA	21:08.56
Judy Robinson	USA	25:09.98

W55

1 Edeltraud Pohl	GER	19:13.16
2 Eva Soderstrom	SWE	19:36.08
3 Myfanwy Loudon	GBR	19:44.77
4 Molly Turner	CAN	19:58.35
5 Jean Horne	CAN	20:08.09
6 Elfriede Hodapp	GER	20:33.07
7 Pauline Hewitt	NZL	20:48.82
8 Andree Pinard	FRA	21:10.62
11 June Dickinson	USA	22:09.27
15 Kathy McIntyre	USA	24:03.61
18 Barbara Pereira	USA	24:58.31

W60

1 Marion Irvine	USA	20:53.97
2 Joselyn Ross	GBR	21:08.74
3 Inge Nagel	GER	21:37.51
4 Sophie Wisman	HOL	21:43.76
5 Helene Glet	FRA	21:56.23
6 Berth'a dePreter	BEL	22:30.27
7 Shirley Brasher	AUS	22:35.56
8 Elsbeth Hennseler	GER	22:37.49
14 Nadine Harrang	USA	29:14.70

W65

1 Jose Wller	GBR	23:44.76
2 Ertka Werner	GER	24:17.83
3 Louise Adams	USA	24:27.76
4 Dorly Brechbuehl	CAN	25:48.02
5 Dawn Russell	CAN	26:51.24
6 Elena Pagu	ROM	28:58.25
7 Tarun Devi	IND	45:15.00

W70

1 Lenore Marvin	CAN	24:24.32WR
2 Gerry Davidson	USA	25:25.25
3 Elfriede Falke	GER	27:35.39
4 Aithea Jureidini	USA	31:49.55

W75

1 Johanna Luther	GER	26:10.97
2 Algene Williams	USA	27:10.76
3 Mary Haines	USA	31:21.00
4 Pearl Mehl	USA	31:55.63
5 Ivy Granstrom	CAN	32:17.50

W80

1 Anne Clarke	USA	30:59.08
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10,000m

M40

1 Martti Vainio	FIN	29:16.88
2 Manuel Vera	MEX	29:35.27
3 Omer Van Oten	BEL	30:47.12
4 Antonio Riscado	POR	31:01.44
5 Heimo Karkkainen	FIN	31:09.98
6 Bernhard Rangen	GER	31:11.12
7 P Virmalainen	FIN	31:26.27
8 Malcolm Lynn	AUS	31:39.90
46 John Cossick	USA	36:11.61

M45

1 John Buckley	IRL	31:30.42
2 P G Overland	NOR	31:49.19
3 Bengt Hulander	SWE	32:10.19
4 Bert Streumer	HOL	32:24.29
5 Roland Schmidt	GER	32:28.55
6 John Sheridan	IRL	32:46.07
7 Vlad Sudenkov	URS	32:47.19
8 Alan Galbraith	NZL	32:47.88
62 Michael Lavia	USA	41:36.57

M50

1 Ron Robertson	WR	NZL 31:01.90
2 Antonio Villanueva	MEX	31:04.22
3 Stephen James	GBR	32:19.14
4 Josef Kurz	GER	32:50.49
5 Matti Vuorenmaa	FIN	32:51.49
6 Ad Heijdens	HOL	32:54.83
7 Mike Heffernan	USA	32:56.99
8 Ewald Schaffer	AUT	34:05.55
21 Josef Fodor	USA	35:16.47
31 Larry Crum	USA	37:17.07
56 Ed Barvick	USA	39:33.56
61 Chas DeJardins	USA	43:48.53

M55

1 Gerard VanNufelen	BEL	33:40.67
2 Touza Rosales	ESP	34:08.62
3 Adolf Blonner	AUS	34:28.17
4 Bent Lauridsen	DEN	34:50.30
5 Edgar Friedli	SUI	35:05.54
6 Colin McLeod	AUS	35:25.55
7 Ed Richardson	GBR	35:35.21
8 Bo Lundberg	SWE	35:37.43
14 Norman Green Jr	USA	36:11.58
20 Alan Fairbrother	USA	36:43.09
28 John Finch	USA	37:25.91
38 Il Falkenstein	USA	39:42.37
47 Howard Erickson	USA	40:46.32
51 James Jacobs	USA	42:49.52
60 Al Ray	USA	45:48.62

M60

1 L Acquarone	WR	ITA 34:14.88
2 Simon Herjaar	HOL	35:03.93
3 Wm Ravernbergen	HOL	35:24.00
4 Hans Zipfel	GER	35:59.69
5 Egon Nielsen	DEN	36:36.94
6 Gaylon Jorgensen	USA	36:37.84
7 Alfonsas Tumenas	URS	36:42.77
8 Doug Linton	GBR	36:55.32
12 George Vernosky	USA	37:24.91
41 Rich Mitchell	USA	46:41.36
42 Peter Mundle	USA	49:58.49
44 Richard Carlson	USA	55:44.94

M65

1 Rune Bergman	SWE	37:17.75
2 Isaac Abdon	ESP	37:24.28
3 Gerrit DeBacker	BEL	38:01.27
4 Sergio Agnoli	ITA	38:04.51
5 Konrad Hernelind	SWE	38:55.56
6 John Eccles	NZL	39:06.36
7 Jim O'Neil	USA	39:30.72
8 Heinrich Guthier	GER	40:25.88
16 Phil Mongillo	USA	43:38.69
28 Robert Herman	USA	49:32.41

M70

1 Warren Utes	WR	USA 38:23.69
2 John Gilmour	AUS	39:04.55
3 Gudmund Straume	NOR	41:06.08
4 Y Kobayashi	JPN	41:33.95
5 Gus Johansson	SWE	41:55.08
6 Mathias Bergseth	NOR	42:05.83
7 Premysl Dolensky	TCH	42:10.25
8 Fritz Baumann	GER	42:13.94
21 Harold Daughters	USA	48:34.55
22 Adrien Pronovost	USA	50:20.67
28 Bill Lynch	USA	54:11.07
31 Denman Stanfield	USA	58:03.34

M75

1 Toivo Perttu	FIN	46:01.74
2 Leonard Jones	GBR	47:13.88
3 G Tshaikovsky	URS	47:44.39
4 Andre Osselaer	BEL	47:51.88
5 Yrjo Hupponen	FIN	48:09.69
6 Giovanni Bonora	ITA	49:23.49
7 Locien-M Aellen	SUI	51:09.48
8 Hlu-Chen Chia	TPE	53:45.45
13 Chen-Ling Wang	USA	65:41.14
14 John Williams	USA	70:19.48

M80

1 Ed Benham	USA	48:46.86
2 Leonard Dahlstein	USA	50:41.77
3 Martti Laiho	FIN	53:13.82
4 Ed Astoreca	ESP	53:17.20
5 Wilhelm Dietrich	GER	58:30.80
6 Tom Cullen	USA	74:20.56

M85

1 Alfred Althaus	GER	57:49.36
2 Willard Benton	USA	71:24.08

M90

1 Paul Spangler	USA	88:12.40
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W35

1 Marja Vartiainen	FIN	37:46.12
2 Anna Trave	NOR	38:16.32
3 Helena Rantakari	FIN	38:27.07
4 Kim Stansfield	CAN	38:59.43
5 Anne Lippitt	GBR	39:26.03
6 Anneli Nummela	FIN	39:39.76
7 Kim Rupert	USA	39:54.37
8 Octavie Hendrikk	BEL	40:19.17

W40

1 Sinikka Keskitalo	FIN	35:30.45
2 Maria Lopez	ESP	36:01.66
3 Tonnie Huijbers	HOL	37:24.60
4 Seija Tirkkonen	FIN	37:31.04
5 J Daane-Nouse	HOL	37:40.49
6 Irma Virtanen	FIN	37:55.24
7 M Knapen de Bode	HOL	37:59.99
8 Els Raap	HOL	38:59.64
10 Charlene Soby	USA	39:40.16
16 Melanie Warner	USA	44:09.78

W45

1 Elaine Statham	WR	GBR 37:05.16
2 Joan Colman	USA	38:10.89
3 Evelyn McNeilis	IRL	38:12.72
4 Terttu Hytti	FIN	38:18.50
5 Severina Pesando	ITA	38:26.56
6 Mary Wood	USA	38:52.28
7 M S Govender	GBR	39:10.48
8 Camilla Bravo	ESP	40:54.39
16 Andrea Hatch	USA	45:35.00

W50

1 Ida Hellwagner	AUT	38:46.37
2 Anni Wentzien	GER	39:39.33
3 S Toropainen	FIN	40:02.31
4 Elke Bolsinger	GER	40:56.25
5 A Severinkangas	FIN	42:13.04
6 Liisa Kujala	FIN	42:15.10
7 Eve Pell	USA	42:24.49
8 Waltraud Bayer	GER	42:56.05
23 Susan Levy	USA	52:57.82

W55

1 Edeltraud Pohl	GER	40:09.57
2 Hilma Jager	GER	41:13.11
3 Eva Soderstrom	SWE	41:47.22
4 Molly Turner	CAN	42:33.21
5 Pauline Hewitt	NZL	42:49.58
6 Betti Schmidt	GER	44:06.42
7 Andree Pinard	FRA	44:31.13
8 June Dickinson	USA	45:43.92
16 Kathy McIntyre	USA	51:54.49

W60

1 Marion Irvine	WR	USA 43:26.17
2 Sophie Wisman	HOL	46:08.04
3 Elsbeth Hennseler	GER	46:59.58
4 Shirley Brasher	AUS	47:00.46
5 Pirkko Kinnunen	FIN	47:27.44
6 Brenda Every	AUS	49:38.19

W65

1 Jose Waller	GBR	48:56.38
2 Jewel McRae	NZL	56:51.79

W70

1 Lenore Marvin	CAN	52:43.86
2 L Schultz	GER	53:21.02
3 Elfriede Falke	GER	56:49.72
4 Aithea Jureidini	USA	67:42.71

W75

1 Johanna Luther	GER	WR53:13.63
2 Algene Williams	USA	56:59.33
3 Ivy Granstrom	CAN	67:43.90
4 Mary Haines	USA	70:27.87

SHORT HURDLES

M40 (110H)

H1 Conrad Burge	AUS	15.80
H2 Ken Brinker	USA	15.61
H3 Anthony Wells	GBR	15.82

Final

1 Anthony Wells	GBR	15.51
2 Ken Brinker	USA	15.63
3 Conrad Burge	AUS	15.68
4 Jouko Kokkonen	FIN	15.70
5 Charles Nontrouge	FRA	15.83
6 Chen Tsung-Pin	TPE	16.15
7 Jiri Jirman	TCH	16.33
8 Guy de Gand	FRA	17.83

M45 (110H)

H1 Murat Kacar	TUR	17.30
H2 Mihailis Malatidis	GRE	16.29
Fred Johnston	USA	17.10

Final

1 Mihailis Malatidis	GRE	15.82
2 Fred Johnston	USA	16.67
3 Murat Kacar	TUR	17.32
4 Bjorn Oback	SWE	17.72
5 Sandor Beres	HUN	19.04
6 Jibendranath Maitra	IND	19.47
7 Lars Stenberg	SWE	19.49
8 Karlis Einis	URS	20.58

M50 (100H)

H1 Alvin Henry	USA	15.59
Jackson Steffes	USA	17.49
H2 Charley Miller	USA	15.02
John Dobroth	USA	15.70
H3 Emil Pawlik	USA	15.12

Final

1 Charley Miller	USA	15.13
2 Veikko Tolvanen	FIN	15.17
3 Manuel Ramos	ESP	15.34
4 Emil Pawlik	USA	15.46
5 John Dobroth	USA	15.63
6 Alvin Henry	USA	15.76
7 Petr Karny	TCH	16.59
8 Walter Holder	GER	25.89

M55 (100H)

H Lars Lindhe	SWE	16.13
Phil Mulkey	USA	16.97
Hector Cisneros	USA	20.18

Final

1 Lars Lindhe	SWE	15.98
2 Ulrich Schirow	GER	16.12
3 Phil Mulkey	USA	16.19
4 Rolf Bertram	GER	16.19
5 Jannis Bellas	GRE	16.27
6 Joan Busquets	ESP	16.57
7 Rolf Merten	GER	16.98
8 Werner Magnusson	SWE	16.99

M60 (100H)

H1 Peter Field	GBR	18.22
H2 Svein Hoilo	NOR	18.14
H3 Axel Fernaeus	SWE	16.93

Final

1 Axel Fernaeus	SWE	16.85
2 Peter Field	GBR	17.66
3 Hilmar Knudsen	NOR	17.82
4 Svein Hoilo	NOR	18.17
5 James McGrath	AUS	18.48
6 Salvador Munoz	CHI	19.55
7 Wolfgang Fachmann	GER	19.69

M65 (100H)

H1 Jack Greenwood	USA	17.28
H2 Lars Lindberg	FIN	19.86
Fred Hirsimaki	USA	20.06

Final

1 Jack Greenwood	USA	16.30WR
2 Hannu Suoknuuti	FIN	18.34
3 Fred Hirsimaki	USA	19.81
4 Lars Lindberg	FIN	19.87
5 Valden Sadul	CAN	19.90
6 Horst Albrecht	GER	20.58
7 Angelo Peloi	ITA	20.71
8 Kurt Byggmastar	FIN	21.77

M70 (80H)

H1 Hans Gilli	SUI	14.55
Walter Dahlin	USA	14.58
Tom Kennell	CAN	14.58
Armando Ricciardi	USA	17.07
H2 Burl Gist	USA	15.01
Boo Morcom	USA	15.28
Bob Hunt	USA	15.70

Final

1 Hans Gilli	SUI	14.42WR
2 Fernando Ferreira	POR	14.66
3 Walter Dahlin	USA	14.72
4 Axel Magnusson	SWE	14.94
5 Helmer Heinonen	FIN	15.04
6 Boo Morcom	USA	15.15
7 Bob Hunt	USA	15.95
8 Burl Gist	USA	15.99

M75 (80H)

1 Herb Miller	USA	15.37
2 Reino Taskinen	FIN	15.45
3 Mazumi Morita	JPN	17.04
4 Albert Morrow	CAN	17.75
5 Vittorio Colo	ITA	18.41
6 Bob Boal	USA	20.75

M80 (80H)

1 Ahti Pajunen	FIN	19.20
2 Karl Trei	CAN	20.61

W35 (100H)

1 Marie-Pierre Ocamica	FRA	15.93
2 Mari Runcianu	HOL	16.64
3 Helen Dyble	GBR	16.99
4 Jutta Schoeppe	GER	17.54
5 Lidia Russu	URS	18.61
6 Roy Sobha	IND	22.69

W40 (80H)

H1 Danielle Desmier	FRA	12.94
H2 Eileen Hindle	AUS	12.21
Phil Raschker	USA	1

Continued from previous page

M45

1 Harald Odegard	NOR	9:42.78
2 Dietrich Furler	GER	9:45.84
3 Gerd Molders	GER	9:54.30
4 Stig Jonsson	SWE	10:17.32
5 Stig Haglund	FIN	10:19.56
6 Anatoli Sopin	URS	10:45.06
7 Jan Sluczynski	POL	10:58.00
8 Gale Pfueller	USA	10:59.10

M50

1 Ron Robertson	NZLWR9	43.97
2 Jouko Kuha	FIN	9:50.23
3 Nils Undersaker	NOR	10:03.18
4 Hermann Grobe	GER	10:34.24
5 Magne Johnsen	NOR	10:41.95
6 Maurice Doogan	GBR	10:48.32
7 Paul Bourgeois	CAN	10:57.00
8 A Balkitny	URS	11:01.83
18 John Cosgrove	USA	11:57.75
20 Tom Sheahan	USA	12:04.01
21 John Hurley	USA	13:17.88

M55

1 Teuvo Jokinen	FIN	10:53.61
2 Taavi Roivanen	FIN	11:18.67
3 Alan Fairbrother	USA	11:28.07
4 Tor Haaland	NOR	11:34.34
5 Jury Merkulov	URS	11:39.84
6 Pe V Rantanen	FIN	11:59.44
7 Pentti Sevon	FIN	12:27.16
8 Kjell Martinson	SWE	12:42.08

M60

1 Hal Higdon	USA	7:42.08
2 J M da Silva	POR	7:49.06
3 Esko Sormunen	FIN	7:52.53
4 Erland Sandquist	SWE	8:03.61

5 Istvan Opalenik	HUN	8:17.93
6 Veli Puustinen	FIN	8:21.07
7 Frank McLinden	AUS	8:23.43
8 Peter Couttie	AUS	8:24.85
13 Edmund Mahany	USA	9:12.44

M65

1 John Eccles	NZL	8:06.69
2 Giles Brindley	GBR	8:18.49
3 Iraola Garin	ESP	8:38.00
4 Reino Tiitinen	FIN	9:05.13
5 Heimo Toikkanen	FIN	9:17.14
6 Onni Pikkarainen	FIN	9:18.79
7 Ioris Jones	NZL	9:19.09
8 Nick Corish	IRL	9:55.98

M70

1 Emil Pauwels	BEL	9:27.67
2 Donald Dilworth	USA	9:43.42
3 Massao Ishida	BRA	9:44.44
4 Ewald Röss	GER	10:08.37
5 Takuro Miura	JPN	10:47.67

M75

1 Giovanni Bonora	ITA	10:20.87
2 Robert Boal	USA	11:25.04

W35

1 Victoria Adams	NZLWR7	48.32
2 Maria Sahuquillo	---	8:04.55
3 Kim Rupert	USA	8:10.38
4 Josiane Cayet	FRA	9:25.99

W45

1 Margaret Orman	NZLWR7	38.08
2 Joan Colman	USA	8:06.60

W55

1 Sally Strazdins	USAWR9	52.25
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W60

1 Ruth Carrier	CAN WR11	04.56
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M40 4x100M RELAY final

1 FRG	KLEMM ULRICH SCHLIEFSTADT OSKAR	LANGE HELMUT BUSSMANN FRANZ	45.46
2 CAN	MORIOKA HAROLD VANDERVLEUTEN JOHN	LUNDGREN WAYNE ZIMMERMAN BOB	46.15
3 USA	ANTERONEN RUSSELL BRINKER KEN	THIELMAN JOSEPH SMITH BILLY	46.84
4 AUS	VAN BAVEL HANS PETERS NOEL	BURGE CONRAD MOLLOY JOHN	47.38
5 IND	RADHA R. CHACKO K. A.	SINGH SUCHA KALAICHELVAN R.	49.91
GBR	DISQUALIFIED		
FIN	DISQUALIFIED		

M45 4x100M RELAY final

1 FRG	BOLSINGER JOSEF BELLMANN MANFRED	GOSSMANN WALTER TOSCHER WALTER	44.74
2 USA	HARVEY REX BONG ROBB	BELL THADDEUS JOHNSON JOSEPH	45.17
3 AUS	AUSTIN REG CLEMENS GRAHAM	HUGGINS JIM CROMBIE PETER	45.27
4 GBR	BARRETT GEOFF THOMAS WINSTON	DUFFY LESS HENSEN JOHN	45.92
5 IND	RADHA R. CHACKO K.A.	SHANKER GOURI MANDRANSAM PORAL	49.89

M50 4x100M RELAY final

1 FRG	HAMAERKES ARNO NITSCHKA PETER	PIENTKA KURT LENK THEODOR	46.81
2 FIN	ERMIO OSMO RIKKINEN MARTTI	MARILA KYÖSTI EHLSTRÖM JORMA	46.82
3 USA	STEFFES JACKSON PUCKETT JIM	NIEDERMEYER FRED PAWLIK EMIL	48.61
4 GBR	DERRET COLIN WOODLAND ROBIN	WALTON STD PHILLIPS JOE	48.63
5 URS	TITOV GENNADI GRIGORYAN EDWARD	ROMANOV ANATOLI NESTRENKO ALEKSANDER	48.82
6 SUI	HAENGGI EDVARD SCHELLENBERG G.	BLOCHLINGER HANS WOHLER HERBERT	49.09
7 ITA	DELLA VALLE DOMENICO SCAPOLO SILVANO	CAMBANA GIANNI TAMARO TRISTANO	49.20
8 SWE	EDLUND OVE PETERSSON BENGT	HULDEN HENRY TRONDSET TOR	50.19

M55 4x100M RELAY final

1 USA	DARRELL JOHN NEWTON MILTON	BROWN MATTHEW BARTENSTEIN HUGO	47.94
2 FRG	MULLER HELMUT BÖCKEL RUDOLF	MOHRY HEINZ GASPER HANS-JURGEN	48.15
3 AUS	COOGAN HUGH THEW KERRY	SOLOMON ROBERT THOMAS HAL	48.22
4 URS	PODAVILNIKS J. RAUGULIS J.	LEJINS A. KACS M.	53.55
FIN	DISQUALIFIED		

M60 4x100M RELAY final

1 FRG	JERICKE MANFRED SELZER WILLI	SCHÄFER HORST STRICKSTRAND HEINZ	50.52
2 FIN	JYLKÄMÄKI EERIKKI NIEMINEN JAAKKO	INGVES LAARS VÄLIMÄKI TERHO	51.58
3 JAP	MATSUMOTO ZENICHI KOBAYASHI NICHIO	KOHAZAKI MINORU MIZUSHIRI TATSUO	53.32

4 AUS	HISHON TOM KEITH NORMAN	HOGAN BERNIE O'CONNOR FRED	55.68
5 CAN	FEE EARL SADUL VALDEN	CASTLE JACK BAUM NORMAN	57.10
6 ITA	PASTORELLI FRANCESCO RICCI ENNIO	MAGARINI ALCIDE BABINI SAVIO	58.04

M65 4x100M RELAY final

1 USA	WATANABE ROBERT LARSEN MELVIN	GREENWOOD JACK LAW JIM	50.21
2 FRG	RITTER ERNST SCHUMACHER KURT	SCHMIDT HEINZ SCHLEGEL HUGO	50.75
3 FIN	PENTTILÄ PEKKA SUOKNUUTI HANNU	HEININEN VILKO JÄRVINEN MATTI	52.99
4 JAP	TAMOTO HISAKI KAWAI SHIGERU	MAKITA KOICHI YAMAZAKI HIDEYA	53.65
5 GBR	HONEN ALVIN WATSON LEN	STEIN SYLVESTER DICKSON DON	1:03.19

M70 4x100M RELAY final

1 FRG	MEYER FRIEDRICH MÜHLE FRITZ	STÖLZLE HANS RENNSCHUH WALTER	56.10
2 ITA	MARABOTTI GUISEPPE DI GUARDO GIOVANNI	GRAMONDO DOMENICO SOBRERO BRUNO	58.40
3 FIN	LEHTIMÄKI AATE KOSONEN ARVI	VUOHIJOKI ESKO NUMMI PEKKA	58.74
USA	DISQUALIFIED		

M75 4x100M RELAY final

1 FIN	VUORELA PENTTI TASKINEN REINO	HUPPONEN YRJÖ PAJUNEN AHTI	1:03.57
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W35 4x100M RELAY final

1 AUS	SPENCER DESLEY HINDLE EILEEN	ADAMS KAREN LAMCE DEBBIE	50.03
2 FRA	NANTENIL MONIQUE BONNET CLAUDETTE	DESMIER DANIELLE APAVOU JACQUELINE	50.05
3 HOL	THOMAS MARRIET BERKHOUT LYOA	RUNCIANU MARIAN OTTEN MARGA	52.73
4 USA	TUCKER LORRAINE THOMPSON FRENE	PRIMER CATHY CLARK SKIPPER	54.23
5 IND	RAELMA C. MEENA JOSHI	MEENKSMY DIASE C. P.	1:04.09

W40 4x100M RELAY final

1 FRG	MEIER INGRID BAYHA ANITA	OTTO GERALDINE HEES ELLEN	49.45
2 SUI	BENZ MONICA WALDIS BEATRICE	DÄGLER MARGARITA PFEIFFER CHRISTINE	50.87
3 FIN	RAUTANEN TUULA METSÄKYLÄ MARJA	MÄNTYLÄ MIRJA JÄRVINEN MARJATTA	57.32
GBR	DISQUALIFIED		

W45 4x100M RELAY final

1 FRG	KOSCHNITZKE KARIN GALLEP DORIS	SEIBERT GERDA ERIKSEN ANNE-KATHRIN	53.05
2 AUS	PARRISH NOREEN MOLLAND KATH	NORSMELL ANNETTE ALLISON MARGO	53.67
3 CAN	HEDDING GEAN VANDERVLEUTEN ANNE	ROSENITSCH ANN-MARIE PIRRES FERREIRA MARTA	59.29

W50 4x100M RELAY final

1 FRG	SCHMALBRUCH CHRISTIANE GRUNFELD WALTTRAUD	STOCKHECKE INGRID HOPPMANN BRUNHILDE	55.33
2 HOL	ROOVERS CORRIE DIJKMAN RIETJE	WALREE RIETJE SMITH PATH	55.98
3 GBR	CROSS NANETTE MILLS MOLLIE	GRAHAM CARINA HULLS JEAN	57.40
4 ITA	PEGGION FRANCA MICOZZI AMALIA	MASSENGA EDNA MARALDO LIDIA	58.75
5 USA	BROBST LUCTANN CHOU FEI-MEI	THIELMAN MEREDITH DAVIS NANCY	1:02.52
AUS	DISQUALIFIED		

W55 4x100M RELAY final

1 FRG	HEISE EDITH CHEVALLEY ROSEMARIE	MULLER GERTRUD ROLLPING LILO	1:01.72
2 IND	VIJAYALAKSHMI MAIR RODRIGUES MARY	SITALAKSHMI DEVI SHARADHA BALAI	1:12.09

W60 4x100M RELAY final

1 FRG	FVEISKOTT ROSEMARIE HUNKEL RUTH	KREUZMIESER CHRISTA FRANZEN CHRISTA	57.88
2 USA	PETERSON PATRICIA SULLIVAN JOSEPHINE	MCDANIELS LEONORE POSBURGH BETTY	1:04.10
3 FIN	HÖGGVIST EILA JORTIKKA KAIJA	VILKUNEN RIISTI LAINE ELSE	1:09.61
4 BEL	BLOM AGNES DE WILDE JEANNE	HANSENS RACHEL DE PRETER BERTHILIA	1:11.26

M65 4x100M RELAY final

1 FRG	SCHULE LISELOTTE GELBRICH HANNA	SCHNEIDERMAN PAULA HAULE ELISABETH	1:07.20
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M70 4x100M RELAY final

1 USA	FRIEDMAN DIANE NEHL PEARL	PEEBLES CAROL STAFFORD MARIE	1:20.77
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M40 4x400M RELAY final

1 USA	BONG ROBERT BRINKER KENNETH	HARVEY REX SMITH BILLY	3:29.05
2 AUS	VAN BAVEL HANS MOLLOY JOHN	WHITTY BRIAN CROMBIE PETER	3:31.35
3 GBR	LEVISTON PETER MADDEN PAUL	WELLS TONY BROWN PETER	3:33.51
4 FIN	MATTILA HANNU LAURILA AKI	JANSSON BJARNE MÄKINEN AKI	3:36.55
5 CAN	ZIMMERMAN BOB STOYAN TOM	LUNDGREN WAYNE MORIOKA HAROLD	3:38.84
6 FRG	HANKE HERBERT SCHMIDT JOACHIM	SCHLIERSTEDT WOLFGANG BUTTNER GERHARD	3:45:40

M45 4x400M RELAY final

1 GBR	THOMAS WINSTON DUFFY LES	CAMPBELL COLIN HENSON JOHN	3:32.55
2 HOL	BUSNELL PIERRE SCHREUDER GOEDHEIJT WIM	PETERS TON MERCELINA RONALD	3:36.93
3 FRG	GAILUS KLAUS KLEIN LUDWIG	WUCHERER KLAUS GOSMANN LUDWIG	3:42.60
4 AUS	HUGGINS JIM GROOM WALLY	CLEMENS GRAHAM HALL MICHAEL	3:44.49

M50 4x400M RELAY final

1 FRG	NITSCHKE PETER HAMAERKES ARNO	HOLDER WALTER NEBLUNG HANS-HERMANN	3:46.25
2 USA	LOMAX JON OWERS ERIC	BEDELL CLIFF THIELMAN JOSEPH	3:51.25
3 FIN	SAARINEN MIKKO RIKKINEN MARTTI	LEHTINEN MARTTI MARILA KYÖSTI	3:52.97
4 CAN	VANDER VLEUTEN JOHN STOCKER JOHAN	MCILWAIN BILL FEE EARL	3:56.77
5 SWE	EDLUND OVE HULDEN HENRY	HOLMGREN KARL-GUSTAV TRONDSET	3:57.00
6 NOR	KEOHN CLAUD UNDERSÄKER NILS	JOHNSEN MAGNE VELSTAD KEISTOFFER	3:59.17
7 SUI	HAENGGI EDVARD BRUHIN ALOIS	BLOCHLINGER HANS SCHELLENBERG G.	4:04.00

M55 4x400M RELAY final

1 FRG	BERTMANN ROLF GEIER HARRY	MOHRY HEINZ GASPER JURGEN	3:52.05
2 AUS	THEW KERRY SOLOMON RROBERT	COOGAN HUGH THOMAS HAL	3:55.73
3 FIN	RAUTANEN PENTTI SALONEN TAUNO	MIKKOLA VÄINÖ TAMMENTO ANTERO	3:59.32
4 GBR	HERMAN DANNY BOWMAN TONY	BARON JOHN MORGAN WILF	4:14.11

M60 4x400M RELAY final

1 FRG	JERICKE MANFRED SCHAFFER HORST	KRENCER HEINZ SELZER WILLI	4:08.85
2 USA	ANDERSON LAWRENCE BROWN HARRY	SMALLWOOD BILL SOCHOR CHARLES	4:11.29
3 GBR	BRINDLEY GILES HUGHES ALAN	FIELD PETER WHITTAKER KEITH	4:11.31
4 FIN	SAIRA INTO KELTANEN VEIKKO	INGVES LARS MATTSSON UNTO	4:13.32
5 NOR	VÄGSMYR LEIF HOILO SVEIN	KYSTAD JAN BERGESEN KNUT	4:25.57
6 AUS	HISHON TOM O'CONNOR FRED	KEITH NORMAN COUTTIE PETER	4:47.95

M70 4x400M RELAY final

1 USA	MANNO JIM SPONSELLER JAY	HUNT ROBERT MATTHEWS EDWARD	4:50.33
2 FIN	PIETIÄLA OLAVI KOPPINEN ILMARI	VESONEN ERIK VUOHIJOKI ESKO	5:15.72

M75 4x400M RELAY final

1 FIN	TASKINEN REINO PAJUNEN AHTI	HUPPONEN YRJÖ RASKINEN TAUNO	5:54.11
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M65 4x400M RELAY final

1 USA	VALENTINE RUDOLPH GREENWOOD JACK	HARRIS OSCAR LAW JIM	4:19.16
2 FRG	KLAFKI HELMUT SCHUMACHER KURT	ANWEILER WALTER SCHLEGEL HUGO	4:19.23
3 FIN	PENTTILÄ PEKKA SALONEN EERO	LINDBERG LARS SUOKNUUTI HANNU	4:26.57

Continued on next page

Continued from previous page

W35 4x400M RELAY final

1	FRG	NICHALER EVA-MARIE HEES ELLEN	SCHÖPPE JUTTA BAYHA ANITA	4.03.40
2	AUS	HINDLE EILEEN JARNSCH JUDITH	ADAMS KAREN LANGE DEBBIE	4.11.22
3	NOL	OTTEN MARGA JONKERS RIET	POS IRENE KÖRMELING COBI	4.15.52
4	FRA	FABARDINE MARIE DENBOURG CLAUDINE	CAYET JOSIONE DESMIER DANIELLE	4.18.11
5	USA	MURRAY JODY HANSEN JACQUELINE	THOMPSON PRENE HOLMSTROM KATHY	4.20.88
6	URS	KOZLOVSKA M. BRAKANSKA D.	LEZINA B.A MEZITE S.	4.26.99

W40 4x400M RELAY final

1	GBR	HOCKNELL MARJORIE PRIESTMAN TVONNE	GALLAGHER PAT BLURTON BARBARA	4.09.02
2	SUI	DAHLER MARGARIT WALDIS BEATRICE	BENZ MONICA PFEIFFER CHRISTINE	4.15.26
3	FIN	HIRVELÄ BIRGITTA VILPPULA SIRKKA	HALME LEENA METSÄTYLÄ MARJA	4.27.48
4	CAN	DUNCAN PAM ROSENITSCH ANN-MARIE	HEDMING GEAN MCBLAN LIZ	4.35.12

W50 4x400M RELAY final

1	FRG	HOFFMANN BRUNHILDE BLANK GISELA	HOLZKNECHT INGRID KUMMERLE-VALK PRIDERUP	4.35.77
2	GBR	KATLEY BARBARA CROSS NANETTE	NILLS MOLLIE MULLS JEAN	4.56.39
3	USA	THIELMAN MEREDITH HOAGLAND JEANNE	BOST NADELINE LAVIGNE TVETTE	5.03.90

W55 4x400M RELAY final

1	USA	MCINTYRE KATHY BROBST LUCYANN	MILLER CHRISTEL VOSBURGH BETTY	5.07.58
2	FRG	SCHNEIDERMAN PAULA RILPING LILO	KREUZWIESER CHRISTA FRANZIS CHRISTEL	5.15.82
3	IND	VIJALAKSHMI NAIR SITALAKSHMI DEVI	RODRIGUES MARY SHARADA BRAJ	6.24.99

W65 4x400M RELAY final

1	USA	PEEBLES CAROL ADAMS LOUISE	RUSSEL DAMN PETERSON PATRICIA	6.26.36
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High Jump

M40

1	Nikolai Savkin	URS	1.98
2	Esko Leppanen	FIN	1.90
3	Vjatesheslav Gelnov	URS	1.86
	Jan Huigbers	HOL	1.86
	Leif Roar Falkum	NOR	1.86
	Guy Marot	FRA	1.86
	Anatoli Jermishin	URS	1.86
	Vladimir Rekshan	URS	1.82
	James Sauters	USA	1.82

M45

1	Mark Gelnov	URS	WR1.92
2	Frank Vivod	YUG	1.88
3	Dieter Wille	GER	1.84
4	James Fanning	IRL	1.80
5	Bjarte Holmeide	NOR	1.76
6	Ahti Viiru	FIN	1.72
7	Walter Mossle	GER	1.72
8	Gabriel Mankowski	POL	1.68

M50

1	John Dobroth	USA	1.78
2	Olle Johansson	SWE	1.74
3	Dan Fernandez	FRA	1.70
4	Henry Willstedt	FIN	1.66
5	Gerd Hesselman	GER	1.66
6	Gerald Counihan	USA	1.62
	Jürgen Volkert	GER	1.62
	Emil Pawlik	USA	1.62
	Edgar Mahnke	GER	1.62
11	George Davies	USA	1.62

M55

1	Horst Mandl	AUT	WR1.77
2	Rene Maurer	SWE	1.73
3	Milton Newton	USA	1.65
4	Olavi Niemi	FIN	1.61
5	Lambert Vandebosch	BEL	1.57
6	Henry Andersen	DEN	1.57
7	Thomas Hancock	AUS	1.57
8	Phil Mulkey	USA	1.53

M60

1	James Gillcrist	USA	1.64
2	Nils-Bertil Nevrup	SWE	1.56
3	Ernst Sauerbaum	GER	1.52
4	Axel Fernaeus	SWE	1.48
5	Helmuth Fackler	GER	1.48
6	Takeshi Oikawa	JPN	1.48
7	Meinhard Kirm	URS	1.44
8	Sheldon Varney	USA	1.44

M65

1	Hans Schuffenhauer	GER	1.54
2	Geza Dobriban	HUN	1.47
3	Gerhard Windolf	GER	1.43
4	Artur Schleifer	AUT	1.39
5	Fred Hirsimaki	USA	1.39
	Eero Salonen	FIN	1.39
	Willy Willems	BEL	1.39
8	Havard Lund	NOR	1.35

M70

1	Walter Dahlin	USA	1.38
2	Martti Lipasti	FIN	1.38
3	Axel Magnusson	SWE	1.38
4	Emmerich Zensch	AUT	1.38
5	Hans Bitter	GER	1.34
	Boo Morcom	USA	1.34
	Takuro Miura	JPN	1.34
	Helmer Heinonen	FIN	1.30
	Norbert Barth	GER	1.30
11	Burl Gist	USA	1.26

M75

1	Esko Kolhonen	FIN	1.35
2	Jon Resell	NOR	1.24
3	Robert Reckwardt	GER	1.24
4	Mazumi Morita	JPN	1.20
5	Herbert Miller	USA	1.16
6	Pertti Sumari	FIN	1.16
7	Robert Boal	USA	1.12
8	Eduard Tamm	URS	1.12
	Josef Scherzinger	GER	1.12

M80

1	Virgil McIntyre	USA	1.14
2	Karl Trei	CAN	1.10
3	Richard Lacey	USA	1.06
4	Martin Manuel	CHI	1.06
5	Lauri Ormo	FIN	1.02

M90

1	Buell Crane	USA	0.94
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M95

1	Carmen Karg	GER	1.72
2	Nina Serbina	URS	1.64
	Vera Novoseltseva	URS	1.64
4	Helen Dyble	GBR	1.60
5	G E Nielsen	DEN	1.56
6	Malle Pahapill	URS	1.56
7	A E Thornhammar	SWE	1.52
	M C Fabardine	FRA	1.52
	Lidia Russu	URS	1.52

W40

1	Alena Plischka	AUT	1.62
2	Mia Duding	HOL	1.55
3	Randi For	NOR	1.51
4	Emma Kast	GER	1.47
5	Liz McBlain	CAN	1.43
6	Ester Viimsalu	URS	1.31

W45

1	Christel Hauser	GER	1.45
2	Marja-Leena Kangas	FIN	1.38
3	Edith Graf	BEL	1.34
	Ingrid Miller	SWE	1.34
5	J Gean Hemming	CAN	1.34
6	Jacqueline Wladka	AUT	1.26
7	Cathy Primmer	USA	1.18
8	Colleen Skuse	NZL	1.10

W50

1	Ursula Stelling	GER	1.45
2	Hella Kuppe	NMB	1.41
3	Inga Stenbrink	SWE	1.37
4	Sigrid Schropfer	GER	1.33
5	Yoko Sato	JPN	1.33
6	Beck Sisley	USA	1.29
7	G L Perugini	ITA	1.29
8	Dorte Neumann	GER	1.25

W55

1	Taisija Tshentshik	URS	WR1.43
2	Grethe Bolstad	NOR	1.36
3	Leili Kaas	URS	1.28
4	Helgi Kivi	URS	1.20
	Hella Werner	GER	1.20
6	Hildegard Hundt	GER	1.16
7	Erna Baumann	GER	1.16
	Aino Sillaots	URS	1.16
	Midori Yamamoto	JPN	1.16

W60

1	Elsa Einarsson	SWE	WR1.27
2	Leonore McDaniel	USA	1.23
3	Agnes Blom	BEL	1.19
4	Aina Pulina	URS	1.19
5	Margaret MacKinnon	AUS	1.15
	Betty Vosburgh	USA	1.15
7	Kazuyo Yokoi	JPN	1.15
8	C Wippersteg	GER	1.11

W65

1	Helgi Pedel	CAN	1.16
2	Audrey Wood	NZL	1.12
3	Vlasta Chlumska	TCH	1.12
4	Pat Peterson	USA	1.08
5	Ilse Pleuger	GER	1.08
6	E K Jacobsen	DEN	0.96
7	Jos Sullivan	USA	0.92

W70

1	Elis Mighofer	URS	1.00
2	Katrine Smildzina	URS	1.00
	Elis Hauke	GER	1.00
4	Linnea Lehtonen	FIN	0.88

W75

1	Aennchen Reile	GER	0.96
2	Gertrud Knyz	AUT	0.84

W80

1	M Thesleff-Sarvana	FIN	WR0.88
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Pole Vault

M40

1	Mike Bull	GRR	4.40
2	Timo Torri	FIN	4.30
3	Hannu Makipaa	FIN	4.10
	Marc Baly	SUI	4.10
	Juhani Salminen	FIN	4.10
6	Karl Bjorklund	SWE	4.10
7	Hans Brunner	SUI	4.00
8	Eero Vayrynen	FIN	3.90

M45

1	Veikko Makela	FIN	4.40
2	Fleming Johansen	DEN	4.40
3	Matti Kilpelainen	USA	4.30
4	Tom Rauscher	USA	4.30
5	Inao Peyker	AUT	4.20
6	Rex Harvey	USA	4.20
7	Kenny Bjork	SWE	4.10
8	George Miller	CAN	4.00

M50

1	Hans Lagerqvist	SWE	4.10
2	Wally Sokolowski	USA	4.10
3	Gerald Counihan	USA	4.00
4	Gennadi Blisnetsov	URS	4.00
5	Juri Volkov	URS	4.00
6	George Davies	USA	3.90
7	Rudolf Tomasek	TCH	3.80
8	Ferenc Moldovan	HUN	3.80
12	Ed Oleata	USA	3.50

M55

1	Nikolai Kostenko	URS	3.80
2	Mauno Niemela	FIN	3.70
3	Ilpo Sopanen	FIN	3.50
4	Jean Guiesse	FRA	3.40
5	Phil Mulkey	USA	3.40
6	Lars Wennblom	SWE	3.30
7	Vanadi Rozenfeld	URS	3.30
8	Gerard Dumas	CAN	3.20
	S Tarkkonen	FIN	3.20
13	Hector Cisneros	USA	3.10

M60

1	Jerry Donley	USA	3.60
2	Meinhard Kirm	URS	3.30
3	Martin Kutman	URS	3.20
4	Rigas Eustathiades	GRE	3.20
5	Anton Forst	GER	3.10
6	Sueo Kobayashi	JPN	3.10
7	Fernando Marques	POR	3.00
8	Albert Brenda	USA	2.90
	James McGrath	AUS	2.90

M65

1	Stanley Egerton	CAN	3.20
2	Lennart Bjornberg	SWE	2.90
3	Olavi Raudaskoski	FIN	2.80
4	Esko Honkanen	FIN	2.80
5	Amelio Compri	ITA	2.80
6	Pecka Penttila	FIN	2.60
	Kaino Hurri	FIN	2.60
8	Pentti Jyrkinen	FIN	2.50
9	Fred Hirsimaki	USA	2.40

M70

1	Jim Vernon	USA	2.70
2	Ottar Sletten	NOR	2.40
3	Boo Morcom	USA	2.30
4	Armando Ricciardi	USA	2.20
5	Willy Finnanger	NOR	2.20
6	Bror-Erik Nysten	FIN	2.00
7	Aarne Ojala	SWE	1.60

M75

1	Aarne Ketonen	FIN	2.60
2	Mazumi Morita	JPN	2.50
3	Tatu Pohja	FIN	1.70
4	Robert Boal	USA	1.50

M80

1	Ahti Pajunen	FIN	WR2.32
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W35

1	Marie C Fabardine	FRA	2.70
2	Maret Kalviste	URS	2.70

W40

1	Phil Raschker	USA	2.90
2	Randi For	NOR	2.20

W45

1	Ingrid Miller	SWE	2.10
2	Kirsten Onsberg	DEN	1.90

W50

1	Madeline Bost	USA	2.15
2	Marianne Stenholm	SWE	2.00
3	A M Rosenitsch	CAN	2.00
4	Jutta Riegel	CAN	1.90
5	Vasantha Samuel	IND	1.70

W55

1	Dorothy McLennan	IRL	1.40
2	Sheila Champion	IRL	1.00

Long Jump

M40

1	Stan Szydlowski	POL	7.12
2	Anatoli Bobrov	URS	6.64
3	Svtoslav Saulak	URS	6.63
4	Seppo Tukia	FIN	6.37
5	Matt Hirvi	SWE	6.33
6	Bernard Mermet	GER	6.10
7	W Schliestedt	GER	6.07
8	B R Caballero	ESP	6.02

M45

1	Rafael Blanquer	ESP	6.87
2	T Taavitsainen	FIN	6.81
3	Pertti Ahomaki	FIN	6.37
4	Jurgens Lamp	URS	6.26
5	Claus Krefz	GER	6.17
6	Sandor Beres	HUN	5.99
7	Michel Regner	GER	5.95
8	Ingo Peyker	AUT	5.94

M50

1	Stig Backlund	FIN	6.43
2	Kyosti Marila	FIN	6.28
3	P P Augusto	POR	6.15
4	Helmut Regitz	GER	5.90
5	Helmuth Klimmer	GER	5.84
6	Alvin Henry	USA	5.79
7	Ralf Grunefeld	GER	5.78
8	Enno Akkel	URS	5.72
10	Darrell Horn	USA	5.61
12	Emil Pawlik	USA	5.57

M55

1	Horst Mandl	AUT	6.09
2	Friedrich Dorr	GER	5.81

Continued from previous page

M65			
1 Matti Jarvinen	FIN	WR11.11	
2 Amelio Compri	ITA	10.78	
3 Jakob Rypdal	NOR	10.62	
4 Geza Dobriban	HUN	10.24	
5 Olli Aura	FIN	9.72	
6 Lars Lindberg	FIN	9.51	
7 Jorma Lehmuskoski	FIN	9.29	
8 Horst Albrecht	GER	9.19	
9 Fred Hirsimaki	USA	9.00	
11 Max Goldsmith	USA	8.46	
M70			
1 Gudmund Skrivervik	NOR	WR10.17	
2 Rolf Gustavson	SWE	9.42	
3 Norbert Barth	GER	9.40	
4 Johann Jonsson	ISL	9.27	
5 Tom Kennell	USA	9.17	
6 Boo Morcom	USA	9.15	
7 Arvi Kosonen	FIN	9.09	
8 Olavi Pietila	FIN	8.51	
12 Ed Matthews	USA	7.97	
M75			
1 Mazumi Morita	JPN	9.31	
2 Teodor Solheim	NOR	9.18	
3 Esko Kolhonen	FIN	9.13	
4 Reino Taskinen	FIN	7.96	
5 Matsuei Sakata	JPN	7.71	
6 Josef Scherzinger	GER	7.02	
7 Herbert Miller	USA	6.14	
M80			
1 Ahti Pajunen	FIN	6.95	
2 Veikko Kylmala	FIN	6.63	
3 Lauri Orno	FIN	6.54	
4 Kaarlo Jussila	FIN	5.92	
5 Richard Lacey	USA	5.75	
M85			
1 Konrad Boas	USA	4.60	
M90			
1 Buell Crane	USA	4.64	
2 Mikko Salonen	FIN	2.84	
W35			
1 Arja Jussila	FIN	WR11.57	
2 Maret Kalviste	URS	11.48	
3 Doris Mandl	AUT	10.64	
4 Vera Novoseltceva	URS	10.13	
5 Eva Gacs	ITA	10.02	
6 Dace Brankaska	URS	9.85	
7 Prochy Mehta	IND	9.17	
8 N Kakaramadam	IND	8.60	
W40			
1 Anna Wlodarczyk	POL	WR12.07	
2 Danielle Desmier	FRA	11.59	
3 Kapitalina Lotova	URS	11.58	
4 Eileen Hladle	AUS	10.67	
5 Jean Willis	GBR	9.82	
6 Marja Melsankyla	FIN	9.80	
7 Irja Laine	FIN	9.60	
8 Margarita Daehler	SUI	9.58	
9 Beth McBride	USA	9.06	
W45			
1 Edith Graf	BEL	9.64	
2 Patricia McNab	GBR	9.29	
3 Jacqueline Wladika	AUT	9.03	
4 Tuula Rautanen	FIN	8.91	
5 Elise Wale	NOR	8.80	
6 D A Widman	GER	8.52	
7 M L Kangas	FIN	8.44	
8 Sinikka Keronen	FIN	7.30	
W50			
1 Helen Ray Searle	AUS	WR 9.77	
2 Hella Kuppe	NMB	9.69	
3 Becky Sisley	USA	8.81	
4 Erika Sauer	GER	8.79	
5 Maria Zahn	GER	8.75	
6 Marianne Steinhilms	AUS	8.53	
7 Gloria Seymon	USA	8.09	
8 Seija Ojamaki	FIN	7.51	
W55			
1 Grethe Bolstad	NOR	8.84	
2 Christel Miller	USA	7.99	
3 Aita Peters	URS	7.67	
4 Nair Vijayalakimi	IND	7.24	
5 S Kodjalbail	IND	6.70	
6 Inge Durr	GER	5.87	
7 V Seethlakshmi	IND	5.85	
W60			
1 Elsa Enarsson	SWE	8.18	
2 Leonore McDaniels	USA	7.97	
3 Kazuyo Yokoi	JPN	7.65	
4 Marg MacKinnon	AUS	7.52	
5 Colleen Blair	NZL	7.23	
6 Marcia Petley	NZL	6.98	
W65			
1 Jos Sullivan	USA	7.04	
2 Helgi Pedel	CAN	6.89	
3 Audrey Wood	NZL	5.57	
W70			
1 Mary Wixey	GBR	WR 6.72	
2 Elga Meri	CAN	5.64	
3 Linnea Lehtonen	FIN	5.10	
W75			
1 Rosaline Solf	NZL	5.83	
2 Gertrud Knyz	AUT	4.70	
W80			
1 Ruth Frith	AUS	5.22	
Shot Put			
M40			
1 Karl Kaleinski	GER	15.69	
2 Alexander Tammert	URS	15.45	
3 Jurgen Pries	GER	14.85	
4 V Rashupkin	URS	14.80	
5 Tenho Nokkala	FIN	14.73	
6 Johann Pink	AUT	14.66	
7 Ludovit Ivodka	TCH	13.90	
8 Erkki Anttonen	FIN	13.67	
29 Gary Kelmenson	USA	10.72	

M45			
1 Matti Jouppila	FIN	17.14	
2 K Weimann	GER	14.46	
3 Paavo Fridfelt	FIN	14.17	
4 Heinz Harre	AUT	13.57	
5 Brian Gillo	GBR	12.49	
6 Rodney Guy	AUS	12.21	
7 Ryszard Krzesinski	POL	11.74	
8 Villu Poldma	URS	11.70	
M50			
1 Klaus Liedtke	GER	WR18.45	
2 Wolfgang Hamel	GER	16.72	
3 Ulo Puss	URS	16.27	
4 Joe Keshmiri	USA	15.83	
5 Helmut Gross	GER	15.76	
6 Jan Majchrowski	POL	15.54	
7 Juri Erm	URS	14.62	
8 Jurgen Hensse	GER	14.45	
12 Richard Hotchkiss	USA	13.43	
M55			
1 Peter Speckens	GER	15.54	
2 Reino Laine	FIN	14.43	
3 Malti Lahnaalaakso	FIN	13.44	
4 Rudolf Sinder	GER	13.17	
5 Heinz Schulz	GER	12.73	
6 A Aittaniemi	FIN	12.23	
7 John Haugo	USA	11.76	
8 Erwin Neubauer	GER	11.72	
15 Ray Feick	USA	11.00	
20 Pay Carstensen	USA	10.29	
M60			
1 Kaarlo Lesell	FIN	14.89	
2 Karl Wendel	GER	14.89	
3 Torsten Wachenfeld	SWE	14.60	
4 Ladislav Filip	TCH	14.05	
5 Ernst Sauerbaum	GER	13.68	
6 Mauri Sievanen	FIN	13.27	
7 Richard Rzehak	GER	12.90	
8 Milton Santos	BRA	12.83	
9 Bob Feaster	USA	12.54	
M65			
1 Arnold Randma	URS	12.70	
2 Pauli Tisala	FIN	12.63	
3 Erik Eriksson	FIN	12.44	
4 Rolf Stranoli	SWE	12.29	
5 Bill Bangert	USA	12.13	
6 Jan Vyzkovsky	TCH	12.10	
7 Jim Peridis	AUS	11.85	
8 Aatos Maenpas	FIN	11.70	
19 Jacob Stein	USA	8.18	
M70			
1 Hans Bitter	GER	13.61	
2 Ilmari Liittia	FIN	13.12	
3 Elof Viklund	SWE	12.85	
4 Heikki Ahtainen	FIN	12.57	
5 Erwin Ludwig	GER	12.17	
6 Erwin Becker	GER	12.10	
7 Arvi Levola	FIN	11.93	
8 Rolf Gustavson	SWE	11.91	
9 Wilbur Thompson	USA	11.88	
18 Tom McDermott	USA	10.53	
22 M Neumann	USA	10.05	
28 Erwin Sorkin	USA	8.72	
M75			
1 Esko Kolhonen	FIN	11.81	
2 Ross Carter	USA	11.27	
3 Gerhard Schupe	GER	10.59	
4 Mario Riboni	ITA	10.44	
5 Jon Resell	NOR	10.09	
6 Bruno Porceddu	ITA	9.69	
7 Heinrich Busch	GER	9.25	
8 Willi Reichers	GER	9.02	
11 Leon Joslin	USA	8.70	
17 Fred Praeker	USA	7.81	
M80			
1 Osmo Renvall	FIN	WR11.00	
2 Robert Sattler	GER	9.48	
3 Oiva Lattu	FIN	9.09	
4 Jose Salvador	ESP	9.06	
5 Martin Manuel	CHI	8.76	
6 Jakob Dengler	GER	8.47	
7 Paavo Patinen	FIN	8.41	
8 Aldo Amoretti	ITA	7.51	
M85			
1 Ernst Schmidt	GER	8.21	
2 Lamberto Cicconi	ITA	7.92	
3 Masami Okazaki	JPN	7.03	
4 Paavo Raisanen	FIN	6.37	
5 Earl Salisbury	USA	6.11	
6 Eino Laurila	FIN	5.42	
7 Konrad Boas	USA	4.10	
M90			
1 Mikko Salonen	FIN	3.49	
M95			
1 Joginder Singh	IND	6.37	
2 Otto Porath	GER	3.62	
W35			
1 Rima Juskiene	URS	14.36	
2 Ursula Hohenberg	GER	13.68	
3 L Berkhout-Kuys	HOL	11.64	
4 Gudrun Emmert	GER	11.51	
5 Joan Stratton	USA	11.07	
6 H Mathussen	BEL	10.20	
7 Mary Ann Boenker	USA	8.72	
8 Marlis Nagli	SUI	8.42	
W40			
1 Skaidrite Raikova	URS	15.02	
2 Svetlana Melnikova	URS	14.41	
3 Christine Schultz	URS	14.25	
4 Elju Kubi	AUS	13.56	
5 R Kershulene	URS	12.84	
6 H Thomas-Valkenberg	HOL	11.27	
7 Kerttu Niemi	FIN	11.13	
8 Jarmila Klimesova	TCH	10.61	
12 Lurline Struppeck	USA	9.71	

W45			
1 Ingrid Miller	SWE	12.40	
2 Joyce Thomas	TRI	11.88	
3 Rudite Ziemane	URS	11.29	
4 M Schreibmaierova	TCH	11.15	
5 Gertrud Heinrich	GER	10.77	
6 Mary Thomas	AUS	10.54	
7 Heidi Haase	GER	10.53	
8 Gisela Stecher	GER	10.18	
24 Roslyn Katz	USA	6.49	
W50			
1 Helgi Parts	URS	13.72	
2 L Hmelevskaja	URS	13.46	
3 Tamara Danilova	URS	13.35	
4 Anne Ruhlow	GER	12.51	
5 Helen Ray Searle	AUS	12.17	
6 Evaun Williams	GBR	11.89	
7 Austra Kalnina	URS	11.39	
8 Helvi Erikson	URS	10.72	
32 Meredith Thielman	USA	7.53	
34 Dortha Swanson	USA	7.33	
W55			
1 Sigrun Kofink	GER	WR14.47	
2 Antonina Ivanova	URS	12.67	
3 Almut Brommel	GER	11.90	
4 Asta Satsi	URS	11.07	
5 Jutta Schafer	GER	10.83	
6 Christa Baum	GER	9.99	
7 Hedi Maxrath	GER	9.80	
8 Elis Dwenger	GER	9.66	
15 Anne Cirulnick	USA	8.29	
W60			
1 Marianne Hamm	GER	WR11.23	
2 Galina Zibina	URS	10.58	
3 Lotti Rockstedt	GER	10.52	
4 Nina Ponomareva	URS	10.14	
5 Christel Franzen	GER	9.38	
6 Martta Nystrom	FIN	8.94	
7 Fani Argyrio	GRE	8.91	
8 Rachel Hanssens	BEL	8.83	
W65			
1 Totti Kasekamp	URS	WR10.06	
2 Hanne Kiehr	GER	8.52	
3 Marianne Barth	GER	8.52	
4 Ilse Pleuger	GER	8.32	
5 Isuzu Tsujii	JPN	8.15	
6 Hilde Keckeis	AUT	8.14	
7 Kaija Jortikka	FIN	7.91	
8 Helgi Pedel	CAN	7.83	
W70			
1 K Smidtsina	URS	WR8.12	
2 Jozefine Sik	HUN	7.04	
3 Lotte Dezenter	GER	6.64	
4 Hildegard Groth	GER	6.61	
5 Mirjam Ronni	FIN	6.51	
6 Alira Seppa	FIN	6.25	
W75			
1 Hanna Gelbrich	GER	7.06	
2 Anny Binder	GER	7.01	
3 Aennechen Reile	GER	6.97	
4 Aino Korkella	FIN	5.29	
W80			
1 M Thesleff-Sarvana	FIN	6.48	
2 Ruth Frith	AUS	5.80	
W85			
1 Irja Sarnama	FIN	5.48	
Discus			
M60			
1 Johann Pink	AUT	48.36	
2 Viktor Ratshupkin	URS	45.38	
3 Bengt Nilsson	SWE	44.86	
4 Ants Savest	URS	44.80	
5 Mark Dupuis	USA	44.66	
6 Stanislavs Skruls	URS	44.40	
7 Ahto Paavo	URS	43.90	
8 Raul Randmae	URS	43.66	
30 Gary Kelmenson	USA	32.82	
31 Larry Readman	USA	31.82	
M45			
1 Juhani Tuomola	FIN	50.40	
2 Ulrich Reuling	GER	45.20	
3 Rodney Guy	AUS	42.80	
4 Heinz Harre	AUT	42.40	
5 Ove Puisto	SWE	42.20	
6 Harald Lorenzen	NOR	41.30	
7 Kari Vahti	FIN	39.96	
8 Alain Boscarato	FRA	39.76	
10 Rex Harvey	USA	37.66	
23 John Hedges	USA	24.82	
M50			
1 Klaus Liedtke	GER	60.90	
2 Jockeshmiri	USA	51.24	
3 Ron Nickle	USA	49.80	
4 Tormod Lislerud	NOR	49.60	
5 Tauno Oinonen	FIN	48.58	
6 Klaus Albers	GER	47.64	
7 Richard Hotchkiss	USA	47.40	
8 Juhani Kinnari	FIN	47.20	
18 George Davies	USA	42.50	
M55			
1 Peter Speckens	GER	50.34	
2 Veikko Ryyti	FIN	44.70	
3 Arnost Boldan	TCH	43.86	
4 Anton Pflieger	GER	43.48	
5 Edgar Kuchler	GER	42.32	
6 Raimo Leino	FIN	42.28	
7 Rudolph Houg	USA	40.32	
8 Erwin Neubauer	GER	40.20	
M60			
1 Ladislav Filip	TCH	50.46	
2 Karl Wendel	GER	50.20	
3 Pentti Hakkinen	FIN	49.12	
4 Richard Rzehak	GER	48.64	
5 Carol Lindroos	FIN	48.18	
6 Pauli Sangi	FIN	46.04	
7 William Garrahan	USA	44.88	
8 Ylo Reinik	URS	44.40	

M65			
1 Pentti Saarikoski	FIN	49.92	
2 Helmut Duholm	DNF	46.54	
3 Jan Vyskovsky	TCH	46.14	
4 Victor Johnson	SWE	42.40	
5 Kark Olsson	SWE	40.96	
6 Matti Jarvinen	FIN	40.68	
7 Arnold Randma	URS	39.94	
8 H Schuffenhauer	GER	39.72	
10 Bill Bangert	USA	39.04	
20 Jacob Stein	USA	33.44	
27 John McCarthy	USA	28.22	
30 Robert Davidson	USA	24.04	
31 Don Farquharson	USA	20.46	
32 George Schulze	USA	18.34	
M70			
1 Kauko Jouppila	FIN	WR47.76	
2 Rolf Gustavson	SWE	41.70	
3 Eino Ruuska	FIN	41.06	
4 Philipp Frech	GER	40.50	

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M85			
1 Ernst Schmidt	GER	19.12	
2 Kaare Solnordal	NOR	16.78	
3 Masami Okazaki	JPN	15.28	
4 Sigurd Tormoen	NOR	12.94	
W35			
1 Joan Stratton	USA	39.10	
2 Gudrun Emmert	GER	35.12	
3 H Matheussen	BEL	35.08	
4 Eva Gacs	ITA	33.22	
5 Joshi Meena	IND	25.90	
6 Pirjo Jauhainen	FIN	25.10	
7 Marlis Magli	SUI	23.36	
8 Renate Hoffman	GER	18.06	
W40			
1 Inge Faldager	DNF	42.12	
2 Christine Schultz	AUS	33.84	
3 Annie Bellanger	FRA	33.82	
4 Mirjam Kuisma	FIN	29.92	
W45			
1 Patricia McNab	GBR	35.48	
2 Patricia Connell	AUS	30.72	
3 Brigitte Lange	GER	29.44	
4 Mary Thomas	AUS	29.10	
5 Yvonne Mitchell	TRI	25.58	
6 Gertrud Heinrich	GER	24.58	
7 Roslyn Katz	USA	21.76	
8 Sinikka Keronen	FIN	21.28	
W50			
1 Helen Searle	WRAUS	41.86	
2 Sibylla Meili	SUI	36.36	
3 Evaun Williams	GBR	33.74	
4 M Rasila	FIN	32.66	
5 Helvi Erikson	URS	29.80	
6 Dorte Neumann	GER	29.00	
7 Ulrike Radczwill	GER	28.74	
8 Seija Ojamaki	FIN	25.40	
13 Dortha Swanson	USA	21.70	
W55			
1 Antonina Ivanova	URS	40.82	
2 Jutta Schafer	GER	40.60	
3 Christa Baum	GER	35.98	
4 Annemarie Scholten	GER	32.68	
5 Jara Cornejo	CHI	32.00	
6 Almut Brommel	GER	30.52	
7 Inge Durr	GER	29.80	
8 Ann Cirulnick	USA	21.36	
W60			
1 Brita Berg	FIN	28.84	
2 Jeanne deWilde	BEL	24.84	
3 Bodil Hestmann	NOR	22.50	
W65			
1 Kaija Jortikka	FIN	27.72	
2 Marianne Barth	GER	26.36	
3 Tyne Vuorinen	FIN	25.84	
4 Klothilde Kunz	AUT	24.02	
5 Hilde Keckeis	AUT	21.36	
6 Isuzu Tsujii	JPN	19.22	
7 Vappu Mertala	FIN	15.76	
8 Nora Kutti	URS	15.52	
W70			
1 Ilse Bellin	GER	29.40	
2 Aira Seppa	FIN	21.06	
3 Jozefine Sik	HUN	17.16	
4 Elis Schepe	GER	16.00	
5 Anja Heilmann	FIN	14.80	
6 Aili Kaukinen	FIN	13.22	
W75			
1 Annchen Reile	GER	17.58	
2 Gertrud Knyz	AUT	15.18	
3 Aino Korkella	FIN	12.70	
W80			
1 Pauline Frith	AUS	17.64	
2 M Thesleff-Sarvana	FIN	14.18	
W85			
1 Irja Sarnama	FIN	15.48	
Javelin			
M40			
1 Janis Zirniss	URS	67.32	
2 Jan Damgren	SWE	65.28	
3 Jurgen Brandt	GER	63.00	
4 Manfred Ahlert	GER	60.72	
5 Esko Leppanen	FIN	59.64	
6 Erkki Porri	FIN	59.26	
7 N Krashennikov	URS	58.96	
8 Esa Leppanen	FIN	56.96	
M45			
1 Mauri Toivonen	FIN	63.40	
2 Georgios Konzias	GRE	61.42	
3 Josef Kolar	TCH	59.82	
4 Gunther Faendrich	GER	58.76	
5 H Lorentzen	NOR	56.24	
6 Jochen Funke	GER	56.22	
7 Joel LePage	FRA	53.62	
8 Gabor Kovacs	HUN	52.04	
M50			
1 Jerry Dyes	USA	59.52	
2 Janis Lusis	URS	57.36	
3 Hartmut Kossel	GER	56.80	
4 T Huotilainen	FIN	55.46	
5 Gary Reddaway	USA	53.40	
6 Ujo Puss	URS	51.56	
7 Olavi Varis	FIN	51.50	
8 Christos Pierrakos	GRE	49.82	
16 Rich Hotchkiss	USA	44.56	
M55			
1 Jan Smiding	SWE	53.28	
2 Veikko Kujala	FIN	51.08	
3 Phil Conley	USA	49.96	
4 Olavi Rananen	FIN	49.32	
5 Aki Ikonen	FIN	48.26	
6 Vladimir Parohin	URS	47.72	
7 V Tanhuanpaa	FIN	46.62	
8 Joze Brodnik	YUG	44.60	
18 Ray Feick	USA	35.44	

M60			
1 Franklin Held	USA	54.02	
2 Delf Pickarts	USA	50.86	
3 Harje Noreborn	SWE	50.36	
4 John Shield	USA	49.58	
5 Richard Rzehak	GER	47.46	
6 Mikko Paananen	FIN	47.30	
7 Martti Kamila	FIN	45.60	
8 Kauno Jantunen	FIN	44.28	
M65			
1 Erkki Ojamo	FIN	46.72	
2 Erik Eriksson	FIN	44.52	
3 V Javanainen	FIN	44.32	
4 A Yli-Luopa	SWE	40.86	
5 Lauri Sundholm	FIN	38.04	
6 Eero Kurki	FIN	37.70	
7 Axel Rydstrom	SWE	36.30	
8 Havard Lund	NOR	36.20	
14 Jacob Stein	USA	27.04	
16 John McCarthy	USA	25.62	
17 George Schulze	USA	17.56	
M70			
1 Mauri Mertakivi	FIN	43.06	
2 Viljo Kyyro	FIN	42.14	
3 Norbert Barth	GER	42.02	
4 D A Sibidol	MAL	41.76	
5 Vianor Ojaranta	FIN	36.04	
6 Ottar Sletten	NOR	34.70	
7 Adolf Koch	GER	31.72	
8 F Fragemann	GER	31.48	
M75			
1 Gerhard Schepe	FRA	34.84	
2 Emilio Ferrero	ITA	31.68	
3 Klaus Langer	GER	30.80	
4 Ed Tamm	URS	24.84	
5 Erkki Teras	FIN	24.84	
6 Tatu Pohja	FIN	23.90	
7 F Klempa	TCH	22.36	
8 Leon Joslin	USA	19.88	
M80			
1 Oiva Lattu	FIN	26.58	
2 Osmo Renvall	FIN	26.34	
3 Robert Sattler	GER	25.06	
4 Kaarlo Jussila	FIN	23.24	
5 Berno Wischmann	GER	22.64	
6 Karl Trey	CAN	21.98	
7 Jose Salvador	ESP	14.94	
8 Eskil Bergqvist	SWE	13.84	
M85			
1 Masami Okazaki	JPN	WR 22.94	
2 Ernst Schmidt	GER	18.32	
3 Kaare Solnordal	NOR	12.90	
M95			
1 Joginder Singh	IND	21.16	
W35			
1 Karin Smith	USA	57.94	
2 Maret Kalviste	URS	50.16	
3 Eca Zorgo	ROM	48.58	
4 L Berkout-Kuys	HOL	47.20	
5 Joan Stratton	USA	29.00	
W40			
1 Natasa Boriak	YUG	42.20	
2 Jarmila Klimesova	TCH	41.40	
3 Anneli Virkkala	FIN	40.18	
4 Christine Schultz	AUS	36.72	
5 Lurline Struppeck	USA	33.66	
6 Lilia Schmidt	URS	31.98	
7 Helene Tokamaki	FIN	30.80	
8 Lorraine Tucker	USA	25.90	
W45			
1 Renate Vogel	GER	41.40	
2 Jadvyga Putiniene	URS	40.72	
3 Heidi Haase	GER	38.72	
4 Doris Thiele	GER	37.73	
5 Mary Thomas	AUS	36.90	
6 Magda Franckx	BEL	36.60	
7 Joz Krazcovic	HUN	32.28	
8 Terttu Rissanen	FIN	30.70	
14 Roslyn Katz	USA	17.40	
W50			
1 Elvira Ozolina	URS	WR 44.90	
2 Gertrude Schonauer	AUT	44.76	
3 Lucyna Krawcewicz	POL	44.56	
4 Irma Riley	TRI	32.26	
5 Becky Sisley	USA	31.14	
6 Anu Teealu	URS	30.58	
7 Dorte Neumann	GER	30.56	
8 Kamma Jensen	DEN	29.98	
W55			
1 Sigdrun Kofink	GER	39.74	
2 Birute Kalediene	URS	36.64	
3 Almut Brommel	GER	36.52	
4 L Leiss	GER	34.64	
5 Grethe Holstad	NOR	30.00	
6 Christel Miller	USA	29.02	
7 J G Deschulz	VEN	28.74	
8 Carina Graham	GBR	28.10	
15 Anne Cirulnick	USA	11.84	
W60			
1 Janina Paksyte	URS	WR 32.24	
2 Rachel Hanssens	BEL	29.50	
3 C Wippersteg	GER	24.24	
4 Colleen Blair	NZL	22.78	
5 Lee Glassco	USA	21.54	
6 Shirley Dietrich	USA	20.38	
7 Anna Flaibani	ITA	20.32	
8 E Maternus	GER	20.18	
W65			
1 Totli Kasekamp	URS	WR 26.54	
2 Brone Salickiene	URS	23.42	
3 Hilde Keckeis	AUT	20.80	
4 Tyne Vuorinen	FIN	19.50	
5 Kaija Jortikka	FIN	19.42	
6 Isuzu Tsujii	JPN	17.76	
7 E K Jacobsen	DEN	13.84	
8 Bruna Varini	ITA	11.94	
9 Donna Schulze	USA	9.28	
W70			
1 Elga Neri	CAN	23.80	
2 Mirjam Ronni	FIN	20.38	
3 Hildegard Groth	GER	19.32	

M90			
4 Mary Wixey	GBR	15.20	
5 Elis Mighofer	GER	12.60	
6 Maisie Stevens	AUS	6.68	
W75			
1 Hanna Gelbrich	GER	WR 22.70	
2 Annchen Reile	GER	16.72	
3 Aino Korkella	FIN	13.10	
4 Isobel Saumier	CAN	11.58	
5 Gertrud Knyz	AUT	9.56	
W80			
1 Ruth Frith	AUS	10.88	
2 Marilla Salisbury	USA	5.58	
W85			
1 Irja Sarnama	FIN	WR 13.74	
10K Cross-Country			
M40			
1 Antonio Riscardo	POR	32:29	
2 Omer Van Noten	BEL	32:48	
3 Pentti Torni	FIN	32:50	
4 Viad Ermolaev	URS	33:12	
5 Alex Druzkov	URS	33:18	
6 Alex Tsukanov	URS	33:33	
7 Heinz Muller	GER	33:40	
8 Leon Marchon	SUI	33:42	
39 John Cossick	USA	37:52	
Team:	1 URS		
M45			
1 John Buckley	IRL	32:34	
2 Bengt Hulander	SWE	33:26	
3 Bert Streumer	HOL	33:40	
4 Juh Hamalainen	FIN	34:08	
5 John Sheridan	IRL	34:13	
6 Raimo Karsikas	FIN	34:17	
7 Brendan Sherlock	IRL	34:21	
8 Pentti Harakka	FIN	34:33	
16 Joseph Cote	USA	36:44	
65 Richard Fischer	USA	47:22	
66 Norm Frable	USA	49:35	
Team:	1 IRL 10 USA		
M50			
1 Ron Robertson	NZL	32:51	
2 Les Presland	GBR	33:15	
3 Mike Heffernan	USA	34:03	
4 Stephen James	GBR	34:18	
5 Valey Kjun	URS	34:30	
6 B Andersson	SWE	34:31	
7 Josef Kurz	GER	34:39	
8 Robert Moore	CAN	35:24	
49 Tom Sheahan	USA	41:44	
52 Rex Cleveland	USA	42:23	
54 Maurice Hobbs	USA	43:18	
63 Pat Ilunt	USA	45:48	
64 Chas DesJardins	USA	46:30	
70 Bernie Finch	USA	49:22	
Team:	1 GBR 10 USA		
M55			
1 G van Nuffelen	BEL	35:24	
2 Bent Lauridsen	FRA	35:24	
3 Adolf Blonner	AUS	36:07	
4 Gurj Sitski	URS	36:27	
5 Werner Schanne	GER	36:34	
6 Ed Richardson	GBR	36:43	
7 Colin McLeod	AUS	36:53	
8 Antti Heinenen	FIN	36:55	
22 John Finch	USA	39:29	
27 Ta-Tsun Lin	USA	40:45	
52 Bill deGrummond	USA	45:45	
63 Al Ray	USA	49:50	
Team:	1 AUS 7 USA		
M60			
1 Cesare Bini	ITA	36:41	
2 Lars Strand	SWE	36:45	
3 Wm Ravenbergen	HOL	36:56	
4 Egon Nielsen	DEN	37:49	
5 Alan Hughes	GBR	38:13	
6 Alf Tumenas	URS	38:16	
7 Erlend Sandquist	SWE	38:33	
8 George Vernosky	USA	38:38	
27 Richard Laine	USA	43:21	
45 Richard Mitchell	USA	48:03	
50 John Anderson	USA	54:09	
51 Peter Mundle	USA	54:13	
53 Charles Kirk	USA	65:07	
Team:	1 SWE 4 USA		
M65			
1 Rune Bergman	SWE	38:37	
2 Gerrit deBacker	BEL	39:53	
3 Konrad Hernelind	SWE	40:17	
4 Julian Sanchez	ESP	41:07	
5 Jim O'Neil	USA	41:13	
6 Gunnar Lotsberg	SWE	41:48	
7 Erlend Nadsen	NOR	42:14	
8 Walt Sauerwein	GER	42:52	
17 James Harang	USA	47:00	
29 Robert Herman	USA	50:23	
55 Lee Glassco	USA	64:41	
42 Lowell Russell	USA	90:55	
45 George Schulze	USA	90:55	
Team:	1 SWE 3 USA		
M70			
1 John Gilmour	AUS	41:11	
2 Gudmund Straume	NOR	42:49	
3 Premysl Dolensky	TCH	42:56	
4 Mathias Bergseth	NOR	43:15	
5 Gustav Johansson	SWE	43:34	
6 Pietro Nasi	ITA	45:26	
7 Aimo Virolainen	FIN	45:27	
8 Herbert Larsson	SWE	45:33	
11 Andrew Neidnig	USA	48:49	
13 Don Dilworth	USA	50:13	
21 Adrien Pronovost	USA	56:17	
27 Denman Stanfield	USA	64:20	
Team:	1 SWE 3 USA		

M75			
1 Andre Osselaer	BEL	49:07	
2 Erik Ahola	FIN	51:16	
3 Locien-M Aellen	SUI	52:55	
4 Eugen Lampinen	FIN	56:03	
5 Ake Strannhag	SWE	59:46	
6 Michal Hanic	TCH	60:46	
7 Gerhard Theune	GER	61:39	
8 Hugo Hoppen	GER	62:21	
12 John Williams	USA	disq	
Team:	1 FIN		
M80			
1 Ed Benham	USA	52:15	
2 Martti Laiho	FIN	58:03	
3 Christos Varsakis	GRE	62:25	
4 W N La			

Continued from previous page

W45

1 Rita Banks	GBR	3:05:40
2 Mariann Stenbakk	NOR	3:06:37
3 Britt Sandvik	FIN	3:06:38
4 Anna Vilkkila	FIN	3:11:26
5 Maggie Govender	GBR	3:13:31
6 Asta Lantto	FIN	3:25:21
7 Gail Rodd	USA	3:28:45
8 Malja Schlegel	GER	3:28:48
14 Nini Monroe	USA	3:52:03
21 Kathy Frable	USA	4:53:39

W50

1 Anni Wentzien	GER	3:07:43
2 Ida Hellwagner	AUT	3:11:59
3 Ingrid Nilsson	SWE	3:20:03
4 Marja Tanninen	FIN	3:24:51
5 Ritva Tuliniemi	FIN	3:26:54
6 Eila Nieminen	FIN	3:27:38
7 Kirsti Takkinen	FIN	3:30:03
8 Eila Mansfield	FIN	3:32:21
16 Karen Richard	USA	4:12:26
18 Jill Latham	USA	4:22:17

W55

1 Lieselotte Bremer	GER	3:30:11
2 Liisa Nikkinen	FIN	3:39:00
3 Betti Schmidt	GER	3:40:25
4 Elfriede Willerts	GER	3:47:02
5 Erika Kruger	GER	3:47:57
6 Elisabeth Kuhnert	AUT	3:49:10
7 Kerttu Kuha	FIN	3:49:33
8 Greta Adolfsson	SWE	3:51:44

W60

1 Shirley Brasher	AUS	3:49:54
2 Inge Nagel	GER	3:50:41
3 Ruth Anderson	USA	3:55:54
4 Brenda Every	AUS	4:23:40
5 Marianne Ittonen	FIN	4:56:05

W65

1 Jose Waller	GBR	4:03:48
2 Ulla-Brita Annell	SWE	4:36:46

W70

1 Lieselotte Schultz	GER	4:41:06
2 Judith Kazdan	CAN	5:03:55

M40 TEAM SCORE

1 Finland	7:21:55
2 Germany	7:47:00
3 Holland	7:53:29
4 Great Britain	7:55:48
5 Soviet Union	8:14:44
6 Sweden	8:27:53
7 Italy	9:41:15

M45 TEAM SCORE

1 Germany	7:39:08
2 Finland	7:53:19
3 Ireland	8:01:05
4 Norway	8:20:46
5 Sweden	8:37:04
6 France	8:37:58
7 Great Britain	8:51:38
8 Soviet Union	9:03:19
10 USA (Jones, Nay, Fisher)	9:59:00

M50 TEAM SCORE

1 Great Britain	8:14:41
2 Finland	8:18:10
3 Sweden	8:21:58
4 Soviet Union	8:34:29
5 Germany	8:47:51
6 Switzerland	9:30:37
7 Australia	9:48:51
8 Italy	10:14:54

M55 TEAM SCORE

1 Great Britain	8:44:49
2 Australia	8:48:04
3 Finland	9:24:29
4 Germany	9:39:05
5 Greece	9:45:37
6 Sweden	9:54:21
7 Soviet Union	10:37:16

M60 TEAM SCORE

1 Germany	9:26:33
2 Sweden	9:27:41
3 Finland	9:31:53
4 USA (Jorgensen, Laine, Hitchell)	10:14:20
5 Italy	11:17:36
6 Great Britain	11:25:31
7 Australia	11:34:27

M65 TEAM SCORE

1 Germany	9:52:52
2 Sweden	10:17:31
3 Finland	10:57:37
4 Great Britain	11:17:48

M70 TEAM SCORE

1 Sweden	11:21:16
2 Germany	11:23:12
3 Finland	11:35:00

W35 TEAM SCORE

1 Great Britain	9:11:22
2 Finland	9:45:10

W40 TEAM SCORE

1 Finland	9:36:25
2 Germany	9:53:08
3 New Zealand	11:30:28

W45 TEAM SCORE

1 Finland	9:43:25
2 USA (Rodd, Monroe, Frable)	12:14:27

W50 TEAM SCORE

1 Finland	10:19:13
2 Great Britain	12:02:15
3 USA (Anderson-W60, Richard, Latham)	12:30:37

W55 TEAM SCORE

1 Germany	10:57:38
2 Finland	11:39:28

5000m Track Racewalk

M40

1 Viktor Semenov	URS	20:58.0
2 M Ajtmuhamedov	URS	21:31.5
3 Bohdan Bulakowski	POL	22:04.6
4 Mart Janviste	URS	22:38.0
5 Harry Lankinen	FIN	22:42.1
6 P Fortunati	ITA	22:48.3
7 Heikki Lahtinen	FIN	22:54.2
8 Asko Turkki	FIN	23:42.9
10 Bob Henderson	USA	23:58.9
12 Andrew Smith	USA	24:12.9

M45

1 Eero Heaman	FIN	21:45.6
2 Bernard Binggeli	SUI	21:52.5
3 J C Berton	FRA	22:13.1
4 P A King	IRL	22:38.5
5 George White	AUS	22:42.0
6 H Kolvenbach	GER	23:11.7
7 Jaroslav Fiala	TCH	23:25.0
8 Kjell Lund	NOR	24:06.2
12 Norman Frable	USA	24:22.7
21 V L Sipes	USA	26:36.6
31 Doug Brown	USA	30:53.7
32 Robert Wilson	USA	33:16.7

M50

1 Dieter Zschiesche	GER	22:33.7
2 M Dickinson	AUS	22:59.9
3 Gennadi Sisoiev	URS	23:09.9
4 C D Ramirez	COL	23:30.0
5 P Pohjolainen	FIN	23:35.6
6 Romolo Pelliccia	ITA	23:48.8
7 Ants Palmer	URS	23:51.0
8 John Elwarner	USA	23:53.9
19 Paul Johnson	USA	25:48.7
25 Robert Brewer	USA	27:09.1
29 Bernie Finch	USA	27:47.4
37 Fred Seewerker	USA	31:56.6

M55

1 V Golubnitshij	URS	22:44.5
2 Aaro Nokela	FIN	23:08.1
3 David Stevens	GBR	23:48.1
4 Zigurds Irbe	URS	24:03.4
5 Max Green	USA	24:23.9
6 Mario Sciarretta	ITA	24:35.8
7 Maurice Hinton	NZL	24:54.4
8 Jack Bray	USA	24:55.9
10 Bob DiCarlo	USA	26:48.5
27 Clyde Hatfield	USA	29:23.8
31 Don Kobrin	USA	30:45.1
34 Ralph Wheeler	USA	32:39.1

M60

1 Toivo Tuomela	FIN	25:42.3
2 Nikolai Andrushin	URS	25:47.0
3 Shin Nakamichi	JPN	25:54.0
4 Mieczyslaw Rutyna	POL	26:22.7
5 Doug Fotheringham	GBR	26:27.5
6 Louis Marquis	SUI	26:43.0
7 Heim Zethof	HOL	27:14.4
8 R Austerhohle	GER	27:41.9
11 Robert Fine	USA	27:54.6
12 M Myerowitz	USA	27:57.7
13 V Genzlinger	USA	28:03.6
25 John MacLachan	USA	32:04.0
34 Buddy Matlock	USA	37:00.9

M65

1 I Pettersson	SWE	27:01.9
2 Boriks Olerov	URS	27:13.2
3 Robert Mimm	USA	28:01.4
4 Carlo Bomba	ITA	28:03.7
5 T J Simons	GBR	28:06.3
6 Herwald Kloppe	GER	28:53.1
7 Ake Lundstrom	SWE	29:00.1
8 Ilm Kaskikallio	FIN	29:34.0
17 Chester Peters	USA	33:00.0
18 Don Cotner	USA	33:45.2
19 Bob Davidson	USA	36:41.3

M70

1 Val Jarvinen	FIN	30:39.5
2 Pauli Makinen	FIN	30:57.2
3 Don Johnson	USA	31:07.3
4 L O Aall	NOR	31:13.8
5 Arne Svensson	SWE	31:17.7
6 Louis Chevalier	FRA	31:22.4
7 Max Gould	CAN	31:24.2
8 Julius Stuetzle	GER	31:33.6
13 Paul Geyer	USA	32:20.0
21 Harold Wright	USA	disq

M75

1 Bill Tallmadge	USA	32:48.7
2 R Sutelainen	FIN	33:16.7
3 T Huovinen	FIN	33:52.1
4 Chico Scimone	ITA	34:08.4
5 Gunna Olofsson	SWE	34:26.9
6 Stanley Sjo	SWE	34:47.1
7 Mario Brivio	ITA	34:55.2
8 Jochen Muller	GER	36:14.3
10 Bob Milliken	USA	38:56.5
12 Robert Rice	USA	42:51.3

M80

1 Ake Strang	FIN	35:39.5
2 Trygve Hovik	NOR	35:55.1
3 Veikko Kylmala	FIN	36:09.2
4 Gordon Wallace	USA	36:33.4
5 Eskil Berqvist	SWE	39:35.1
6 Zoltan Farkas	HUN	39:43.7
7 Max Leonhardt	FRA	40:58.4
8 Josef Vychopen	TCH	41:21.5

M85

1 Sigurd Tormoen	NOR	40:40.9
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W35

1 Ljud Hrutsheva	URS	23:33.9
2 Tatja Krivohigna	URS	24:46.7
3 Anneli Kuukkanen	FIN	25:06.1
4 Nataly Sapunova	URS	25:51.0
5 Cathy Reader	GBR	26:00.4
6 Semja Liikanen	FIN	28:30.7
7 Kathy Finch	USA	28:36.4
8 Susan Perkins	CAN	29:08.5
9 Lorrie Leiker	USA	30:11.5

W40

1 Viisha Sedlak	USA	24:17.2
2 H McDonald	AUS	24:39.8
3 J Bonnet	FRA	25:19.0
4 R Kuusivuori	FIN	26:09.1
5 Kathy Woodward	AUS	26:19.9
6 Sig Leinpinsel	ESP	26:49.7
7 G Lundqvist	SWE	27:46.0
8 Pirjo Lankinen	FIN	27:48.6
14 Cheryl Kincaide	USA	32:11.2
15 Carolyn Nash	USA	32:57.3
16 Ginny Saunders	USA	33:52.2
18 Marie Harvey	USA	43:25.0

W45

1 Heidi Maeder	SUI	26:57.7
2 Kathy Frable	USA	27:59.4
3 Jolene Stiegerwall	USA	28:01.1
4 Carol Bean	GBR	28:13.1
5 Lee Osborne	AUS	28:39.3
6 Anita Oksa	FIN	29:03.5
7 Pam Newnham	AUS	29:05.3
8 M Hoerneck-Gil	ESP	29:38.5

W50

1 Vieno Heikkila	FIN	25:54.7
2 Waltraud Seiler	GER	26:00.9
3 G Migliasso	ITA	26:29.3
4 Loloma Foster	NZL	27:22.9
5 Laura Bayona	ESP	29:06.1
6 Tamara lakoucha	URS	31:09.8
7 Gertude Coesfeld	GER	31:16.5
8 Rosa Girards	GER	31:28.6

W55

1 L Marloth-Kalweit	GER	29:07.0
2 Denise Leclerc	FRA	29:56.6
3 G Bornwasser	GER	30:15.5
4 J M Provost	CAN	30:25.0
5 P Baker-Myerowitz	USA	31:09.1
6 Shirley Cooper	NZL	31:49.9
7 Gabriella Picone	ITA	31:52.4
8 Marg Seewerker	USA	31:57.0
9 Marg Peters	USA	32:00.0
13 Marian Spatz	USA	34:14.9
15 Barb Pereira	USA	34:42.8

W60

1 Olga Meyer	GER	28:44.9
2 Renge Scott	GBR	32:46.4
3 K L Skarsvag	NOR	33:40.6
4 Pirkko Mantere	FIN	34:57.0
5 J Nikolaeva	URS	35:08.7
6 Joanne Carlson	USA	37:16.8
7 Ingrid Langner	GER	40:01.9

W65

1 Joan Rowland	USA	32:44.8
2 Ruth VanSandt	USA	33:05.0
3 Ursula Theune	GER	33:48.6
4 Aina Engberg	SWE	34:12.9
5 Elna Svensson	SWE	35:00.1
6 Agatha Mooser	GER	35:03.2
7 Sage Cowles	USA	36:01.7
8 Queenie Thompson	USA	36:05.5
11 Jean Cotner	USA	38:55.4
12 Mary Rice	USA	38:56.0

W70

1 Britta Tibbling	SWE	30:50.1
2 Eva Wistrom	SWE	32:44.1
3 May Bengtsson	SWE	34:09.2
4 Imogene Watkins	USA	35:47.2
5 Lois Nulliken	USA	40:46.2
6 Grace Smith	AUS	40:54.3

W75

1 Marg Nyberg	SWE	37:18.4
2 Aino Korkeila	FIN	46:51.1

W80

1 Margit Lindgren	SWE	38:02.2
2 Anne Clarke	USA	40:28.7
3 Marilla Salisbury	USA	46:22.0
4 Mildred Smith	USA	48:41.8

20K Road Racewalk

M40

1 Viktor Semjenov	URS	1:32:38
2 B Bulakowski	POL	1:34:38
3 M Ajtmuhamedov	URS	1:35:52
4 Mart Jarviste	URS	1:36:14
5 J Buschkewitz	FRA	1:37:08
6 P Fortunati	ITA	1:37:53
7 Heikki Lahtinen	FIN	1:39:39
8 Asko Turkki	FIN	1:40:03
14 Andrew Smith	USA	1:49:03

M45

1 Eero Heaman	FIN	1:35:38
2 Bernard Binggeli	SUI	1:36:09
3 J Berton	FRA	1:37:19
4 H Kolvenbach	GER	1:39:40
5 Patrick King	IRL	1:39:54
6 Kjell Lund	NOR	1:43:28
7 Peter Eisfeller	GER	1:45:24
8 Norman Frable	USA	1:45:33
19 Viktor Sipes	USA	1:53:56
26 Doug Brown	USA	2:10:24
29 Robert Wilson	USA	2:22:28

M45

1 Eero Heaman	FIN	1:35:38
2 Bernard Binggeli	SUI	1:36:09
3 J Berton	FRA	1:37:19
4 H Kolvenbach	GER	1:39:40
5 Patrick King	IRL	1:39:54
6 Kjell Lund	NOR	1:43:28
7 Peter Eisfeller	GER	1:45:24
8 Norman Frable	USA	1:45:33
19 Viktor Sipes	USA	1:53:56
26 Doug Brown	USA	2:10:24
29 Robert Wilson	USA	2:22:28

M50

1 Dieter Zschiesche	GER	1:34:49
2 M Dickinson	AUS	1:38:09
3 C D Ramirez	COL	1:39:14
4 Romolo Pelliccia	ITA	1:41:20
5 Ants Palmer	URS	1:43:03
6 Gennadi Sisoiev	URS	1:44:26
7 Constant Briere	FRA	1:46:37
8 Gerhard Bar	GER	1:46:42
12 John Elwarner	USA	1:48:51
20 Paul Johnson	USA	1:56:59
29 Bernie Finch	USA	2:03:44
34 Fred Seewerker	USA	2:11:22

M55

Continued from previous page

DECATHLON

M40

1 Regis Chesquiere	BEL	7251
2 Esko Leppanen	FIN	7115
3 Kurt Ammann	SUI	6759
4 Fredy Keller	SUI	6466
5 Finn Malchau	DEN	6422
6 Vldas Zaniauskas	URS	6070
7 Herbert Hanke	GER	5963
8 Wolfgang Schliestedt	GER	5870

M45

1 Rex Harvey	USA	7821
2 Uwe Heesch	GER	7109
3 Herbert Nattle	SUI	6635
4 Kalevi Partti	FIN	6618
5 Richard Krasowski	FRA	5956
6 John Brooks	GBR	5844
7 Jacobus Janssen	HOL	5844
8 Timo Korpi-Kokko	FIN	5828

M50

1 Uwe Keller	GER	7672
2 Werner Schallau	GER	7554
3 Kyosti Marila	FIN	7473
4 Hans-Hermann Neblung	GER	6902
5 Gerd Kuhn	GER	6760
6 Anthony Mackay	GBR	6629
7 Jurgen Seiler	GER	6438
8 Leino Hietala	FIN	6197
20 Ed Oleata	USA	4362

M55

1 Jozse Brodnik	YUG	7633
2 Ilpo Sopanen	FIN	7291
3 Phil Mulkey	USA	7020
4 Lars Wennblom	SWE	6667
5 Lambert Vandebosch	BEL	6516
6 Juan Manuel Perez	ESP	6251
7 Gunther Urban	GER	5997
8 Rolf Nerten	GER	5936

M60

1 Veikko Keltanen	FIN	6930
2 Anton Forst	GER	6767
3 James McGrath	AUS	6620
4 Helmut Fackler	GER	6512
5 Antonio Ruiz	ESP	6111
6 Valto Kivimäki	FIN	6055
7 Karri Wichmann	FIN	5889
8 Zenichi Matsumoto	JPN	5810

M65

1 Pekka Penttiki	FIN	7177
2 Fred O'Connor	AUS	6712
3 Lars Lindberg	FIN	6255
4 Matti Tyry	FIN	6116
5 Eilo Virtanen	FIN	5785
6 Hisaki Tamoto	JPN	5634
7 Havarid Lund	NOR	5607
8 Olev Ritson	URS	4616

M70

1 Gudmund Skriverik	NOR	8408
2 Pierre Darrot	FRA	6920
3 Ben Morecom	USA	6533
4 Karoly Hankisz	HUN	6286
5 Takuo Miura	JPN	5917
6 Masao Ishida	BRA	5901
7 Helmer Heinonen	FIN	5679
8 Philipp Frech	GER	5633
10 Armando Ricciardi	USA	5302

M75

1 Reino Taskinen	FIN	6410
2 Werther Calli	ITA	5647
3 Vittorio Colo	ITA	5568
4 Paul Kalinowski	GER	5088
5 Emilio Ferrero	ITA	2340

M80

1 Betty Vosburgh	USA	5702
2 Christa Kreuzwieser	GER	5038
3 Colleen Blair	NZL	4033
4 Margaret MacKinnon	AUS	3562
5 Bodil Hestmann	NOR	2748
6 Christiane Wippersgiger	GER	2169

M85

1 Else Laine	FIN	4493
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HEPTATHLON

M35

1 Maret Kalviste	URS	4821
2 Anne Kirstine Jensen	DEN	4564
3 Marie Fabardine	FRA	4453
4 Helen Doble	GBR	4215
5 Jutta Schöeppe	GER	4172
6 Katalin Bodi	HUN	2747

M40

1 Mia Dudink	HOL	5096
2 Harie Thomas-Valk	HOL	5092
3 Ellen Kulvand	URS	4925
4 Margarita Daehler	SUI	4829
5 Emma Kast	GER	4766
6 Elisabeth Fahrholz	GER	4052
7 Monika Benz	SUI	3988
8 Irja Laine	FIN	3978
10 Skipper Clark	USA	3812

M45

1 Kirsten Onsberg	DEN	4716
2 Elise Wale	NOR	4625
3 Anne-Kathrin Eriksen	GER	4123
4 Loni Burger	GER	4004
5 Gean Hemming	CAN	3623

M50

1 F Kummerle-Valk	GER	5729
2 Jean Hulls	GBR	5155
3 Hella K8ppe	NMB	5142
4 Ganna Martens	GER	5110
5 Rietje Dykman	HOL	4886
6 Erika Sauer	GER	4748
7 Becky Sisley	USA	4421
8 Riet Van Walree	HOL	4303

M55

1 Corrie Roovers	HOL	6171
2 Christel Miller	USA	4642
3 Hedi Maxrath	GER	3644



VETERANS WORLD CHAMPIONSHIPS - THE WEIGHT PENTATHLON Naantali 29:th July 1991

MEN AGES 40 - 85

Class	Num	Name	Country	Total scores	Shot Put Meters Score	Weight Meters Score	Hammer Meters Score	Discus Meters Score	Javelin Meters Score
1.	40	4 Gary Nelsonson	USA	2969	11.05 614	12.27 652	39.04 726	30.42 509	37.18 468
2.	40	66 Gonzalo Covarrubias	Mexico	2227	9.89 537	7.39 378	18.16 272	28.92 478	42.88 562
3.	40	5 Isao Rastas	Finland	1952	9.52 512	6.33 283	14.48 197	22.90 354	45.52 606
4.	40	78 Gary England	USA	3983	15.71 927	12.79 635	43.32 823	44.08 803	53.80 745
1.	45	6 Rodney Guy	Australia	3729	12.14 735	12.26 712	43.44 898	37.50 712	45.88 672
2.	45	9 Evlojio Arroyo	Mexico	2897	11.19 667	9.28 510	22.66 402	41.62 808	36.80 510
3.	45	7 Jorma Oksanen	Finland	2844	10.69 632	10.49 592	33.58 658	32.42 596	28.62 366
4.	45	10 Horacio Loya	Mexico	2695	9.82 571	9.38 516	30.30 592	31.98 586	32.28 430
1.	50	12 Rickhard Hotckiss	USA	4197	13.69 807	14.70 974	42.50 835	46.42 824	46.02 757
2.	50	16 Johann Hansen	Germany	3645	12.85 749	12.08 776	40.72 794	37.20 630	42.96 693
3.	50	14 Martti Tukiaisen	Finland	3602	12.71 739	12.45 804	40.74 794	36.86 622	40.30 646
4.	50	17 Antti Kiviniemi	Finland	3464	11.08 629	12.86 935	28.78 518	44.72 788	37.84 594
5.	50	13 Olafur Unnsteinsson	Iceland	2934	11.51 658	9.85 609	30.30 552	38.86 664	30.52 451
6.	50	11 Victor Valles	Mexico	1816	8.19 434	7.37 426	17.80 277	23.46 351	24.06 328
1.	55	21 Raimo Leino	Finland	4541	13.94 903	15.40 1149	46.96 1046	44.54 867	33.00 576
2.	55	18 Jon H. Magnusson	Iceland	3884	11.30 706	13.57 995	45.10 997	33.08 604	33.28 582
3.	55	22 Erkki Vannesluoma	Finland	3696	12.38 786	11.62 832	38.62 829	38.24 721	30.80 528
4.	55	73 Omar Fierro	Mexico	3308	10.18 624	9.70 673	32.00 658	41.52 797	32.08 556
5.	55	19 Pay Carstensen	USA	3282	10.37 638	12.29 888	33.52 698	29.54 525	31.06 533
6.	55	23 Jerry England	USA	2867	9.17 550	10.45 735	34.18 715	29.14 516	22.58 351
7.	55	72 Sepp Schwankner	Germany	2629	9.55 578	8.10 542	17.30 299	26.20 451	41.22 759
1.	60	27 Kalevi Martikainen	Finland	4061	12.84 814	15.17 920	38.66 818	45.20 807	37.52 702
2.	60	26 Tenho Suppanen	Finland	3627	11.90 745	15.02 909	33.68 692	38.64 667	33.66 614
3.	60	32 Tapani Pajula	Finland	3236	9.97 603	14.88 899	25.64 494	40.04 697	30.56 543
4.	60	25 Martti Kamila	Finland	3185	10.58 648	10.97 629	22.18 410	39.62 688	42.18 810
5.	60	29 Pauli Sangi	Finland	3083	9.55 573	13.52 805	25.32 486	41.08 719	28.64 500
6.	60	28 Arvi Nieminen	Finland	2706	8.57 502	13.34 793	27.12 530	34.06 571	20.02 310
7.	60	30 Matti Ala-Härkönen	Finland	2689	10.10 613	12.03 702	23.26 436	29.70 481	26.74 457
8.	60	31 Luis Velez	Puerto Rico	2596	8.37 488	11.10 638	37.78 795	26.30 412	17.84 263
1.	65	37 Heinrich Duholm	Denmark	4505	11.11 774	14.98 1040	43.12 1063	48.98 1012	29.50 615
2.	65	80 Vaito Mäkelä	Finland	3731	11.44 801	13.95 958	33.62 776	33.96 652	26.74 544
3.	65	76 Eilo Virtanen	Finland	3689	9.03 605	12.45 840	35.74 850	35.60 690	32.88 704
4.	65	35 Jacob Stein	USA	3423	8.98 602	11.39 758	30.28 696	34.36 661	32.92 706
5.	65	36 Lev Mohzhaev	USA	3179	9.00 603	12.52 846	38.84 939	23.66 414	20.20 377
1.	70	44 Eine Ruuska	Finland	4077	9.34 636	16.58 1064	40.88 979	43.14 1009	17.84 389
2.	70	46 Erling Svennevik	Norway	4052	11.82 839	13.70 855	37.94 896	31.96 704	30.14 758
3.	70	43 Lauri Tamminen	Finland	3818	9.76 670	14.25 894	43.78 1062	35.10 788	18.36 404
4.	70	42 Roy Foley	Australia	3741	9.59 656	15.26 968	39.94 952	34.70 778	17.78 387
5.	70	45 Paavo Lehtinen	Finland	3664	10.23 709	12.68 781	41.56 998	26.26 552	25.74 624
6.	70	40 Georg Clockner	Austria	3338	9.04 612	11.63 706	30.18 680	28.46 611	29.18 729
7.	70	47 Armando Ricciardi	USA	3305	9.12 618	11.75 714	30.42 686	29.74 645	26.34 642
8.	70	41 Hart Neumann	USA	3146	9.78 672	11.57 701	25.35 548	28.76 618	25.18 607
9.	70	39 Jonan Jonsson	Iceland	3139	9.47 647	8.97 516	24.84 534	29.32 633	31.80 809
1.	75	49 Bruno Silekoski	Finland	4098	10.28 822	13.04 950	32.98 887	27.60 702	25.22 737
2.	75	56 Torgeir Brandvald	Norway	3480	9.66 765	9.90 689	23.86 599	25.14 627	26.98 800
3.	75	48 Leon R. Joslin	USA	3365	9.36 737	9.63 667	24.82 628	29.52 762	20.52 571
4.	75	50 Paatu-Pohja	Finland	2982	8.44 652	8.39 565	23.38 584	21.38 512	23.32 669
5.	75	51 Reino Rantala	Finland	2725	8.73 679	8.34 561	17.46 403	21.20 507	20.66 575
1.	80	57 Osno Rennvall	Finland	5007	11.10 1048	11.06 776	27.90 862	36.30 1178	31.00 1143
1.	85	60 Armas Kivi	Finland	2886	6.63 682	6.67 532	18.66 639	16.62 568	12.58 465

VETERANS WORLD CHAMPIONSHIPS - THE WEIGHT PENTATHLON WOMEN AGES 35 - 85

Class	Num	Name	Country	Total scores	Shot Put Meters Score	Weight Meters Score	Hammer Meters Score	Discus Meters Score	Javelin Meters Score
1.	35	74 Joan Stratton	USA	3458	10.95 691	13.19 767	37.16 645	34.68 565	29.54 790
2.	35	1 Pirjo Jauhainen	Finland	2527	7.88 462	12.00 686	22.50 341	28.84 448	22.88 590
1.	40	2 Christine Schultz	Australia	4879	13.86 1048	13.97 943	37.94 767	47.16 986	36.10 1135
2.	40	4 Kerttu Niemi	Finland	3457	10.74 779	13.39 898	22.88 409	27.02 500	28.48 871
3.	40	3 Helena Takamäki	Finland	3114	9.14 643	9.36 587	18.62 312	29.56 559	32.58 1013
4.	40	77 Liz McBlain	Canada	2453	8.79 614	8.17 496	15.66 246	19.82 334	25.34 763
5.	40	5 Mirjam Ruuska	Finland	2300	6.21 397	9.46 594	30.24 581	19.76 334	14.44 394
1.	45	8 Mary Thomas	Australia	4314	10.52 876	9.49 688	29.92 790	30.68 706	34.92 1254
2.	45	11 Yvonne Hetchell	Trinidad	3750	10.36 860	11.96 903	19.12 380	30.52 701	26.04 906
3.	45	10 Sinikka Keronen	Finland	3094	8.21 653	9.58 696	21.40 439	24.62 538	22.52 768
4.	45	6 Roslyn Katz	USA	2417	6.91 529	7.90 551	18.38 361	18.26 367	18.40 609
5.	45	9 Tuula Laine	Finland	2300	6.70 509	8.49 602	19.42 388	17.16 338	14.58 463
6.	45	7 Marjatta Karjalainen	Finland	1984	6.22 464	6.39 422	19.04 278	17.04 335	15.14 485
1.	50	14 Marja-Leena Kangas	Finland	3895	9.70 735	13.98 1069	25.40 442	24.46 645	27.76 1004
2.	50	15 Rauha Lehtoharju	Finland	3591	9.24 694	13.83 1056	28.72 517	26.08 698	18.32 626
3.	50	16 Irma Riley	Trinidad	3146	8.02 585	8.96 634	17.80 277	22.20 572	29.62 1078
4.	50	13 Dorothea H. Swanson	USA	2735	7.77 563	11.20 827	20.38 332	17.96 438	17.02 575
5.	50	12 Erika Glöckner	Austria	2101	6.65 412	6.31 579	16.60 251	15.08 349	15.36 510
1.	55	17 Christel Miller	USA	3786	8.68 745	9.11 745	18.04 333	22.16 689	30.46 1274

HCC HUNTSMAN CHEMICAL'S
WORLD SENIOR GAMES

OCTOBER 14-25, 1991

ST. GEORGE, UTAH, U.S.A.

in the Heart of America's
Great Southwest

TRACK & FIELD October 23-25, 1991

(TAC Sanctioned)
 Dixie College Track & Field

Wednesday October 23 5 pm
 100M 800M
 Shot Put Discus

Thursday October 24 5 pm
 200M 1500M
 Long Jump Javelin

Friday October 25 3 pm
 50M 400M
 High Jump
 4 by 400 Relay (Exhibition only - no medals)
 All ages combined - teams must be turned in to
 Track & Field Director by 7 pm Thursday, Octo-
 ber 24, 1991.

Age Categories:
 Male/Female 50-54 55-59 60-64
 65-69 70-74 75-79 80+

*Circle gender, check event(s), and age group
 Limit: Total of 6 Track & Field events.

U.S. Masters standard weights:

Shot put: Men: 50-59=5K 60-69=6K 70+=4K
 Women: 50+=3K
 Discus: Men: 50-59=1.5Kg 60+=1.0Kg
 Women: 50+=1.0Kg
 Javelin: Men: 50-59=800g 60+=600g
 Women: 50+=400g

TAC Rules & equipment standards apply. The
 track is rubberized and starter blocks will be
 available.

TRACK & FIELD DIRECTOR:
 KEN CHRISTENSEN (H) (801) 628-5201
 (O) (801) 673-5857
TECHNICAL DIRECTOR:
 KEN JOLLEY (H) (801) 628-1442
 (O) (801) 628-3550

ROAD RACES October 23-25, 1991

(TAC Sanctioned)

Wednesday October 23 9 am
 5K Road Race Bloomington

Thursday October 24 9 am
 **5K Fitness (walk) Speedrace Dixie College
 Track

Friday October 25 9 am
 10K Road Race Green Valley

Age Categories:
 Male/Female 50-54 55-59 60-64
 65-69 70-74 75-79 80+

* Circle gender, check event you would like to enter
 and age category.

** (The walk race is not an official racewalk, it is a
 physical fitness racewalk, but medals will be awarded)

RACE COURSES ARE TAC CERTIFIED

ROAD RACE DIRECTOR:
 DEBBIE ZOCKOLL (H) (801) 673-4427
 (O) (801) 673-6266
TECHNICAL DIRECTOR:
 KEN JOLLEY (H) (801) 628-1442
 (O) (801) 628-3550

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ST. GEORGE HILTON INN
 Headquarters for the
 WORLD SENIOR GAMES

People 50 years and above
 are invited to compete
 in the following sports:

- Basketball • Biathlon
- Bowling
- Cycling • Golf • Horseshoes
- Racquetball
- Road Races • Softball
- Swimming • Table Tennis
- Tennis • Track & Field

WORLD SENIOR GAMES



Senior athletes (age 50 and above) from all parts of the
 world are invited to participate in the World Senior Games,
 a sporting event to sponsor worldwide Peace, Friendship
 and Health.

October 14 through 25, 1991, sportsmen and sports-
 women will gather in St. George, Utah, to compete in
 cycling, softball, swimming, tennis, bowling, racquetball,
 track & field, basketball, golf, horseshoes, table tennis,
 biathlon (cycling & running), and road racing events.

The mid-October weather is perfect in this sunny south-
 western area for outdoor sporting activities as well as for
 dining, dancing, gaming and touring in one of the most
 exciting areas of the world.

Within an easy three-hour drive of this famed resort
 community are some of the world's greatest scenic
 wonders—the Grand Canyon National Park, Lake Powell,
 Zion National Park, Lake Mead National Recreation Area,
 Kaibab National Forest and Indian Reservation, Cedar
 Breaks National Monument, East Mohave National Scenic
 Area, Dixie National Forest, Bryce Canyon National Park
 and the Hoover Dam.

Daytime high temperatures range between 70° and
 85° F. Mornings and evenings are cool.

OFFICIAL REGISTRATION/ENTRY FORM ENTRY DEADLINE: September 25, 1991

Please print or type Phone (work) _____

Name _____ Phone (home) _____

Participant's Signature _____

Address _____ St. George Phone No. or location _____

City, State, Country _____ Zip Code _____

Date of Birth _____ Age _____ 12/31/91 Male / Female

First Sport _____ Add'l Sport (s) _____

Name of Spouse / Guest (s) attending social functions, but not a sports participant (The name you want on their identification badge):

Please note that for **DOUBLES** and **TEAM SPORTS** each competitor must complete this
 registration form and for **TEAM SPORTS** must be on a team roster. **All participants** must
 sign the enclosed liability waiver and mail it in with payment, or turn it in when you pick up
 your registration packet at the St. George Hilton Inn.

REGISTRATION ENTRY FEE	\$49.00	\$ _____
Spouse / Guest Fee	25.00	_____
BYU Seminar Materials	10.00	_____
Luncheon - Green Valley, Oct. 16	5.00	_____
Luncheon - Hilton Inn, Oct. 23	5.00	_____
Band / Lt. Buffet (per person) Oct. 17	15.00	_____
Band / Lt. Buffet (per person) Oct. 24	15.00	_____
Additional Sports Fees:		
Additional Sport (s) (each sport 10.00)	10.00	_____
Golf Greens and Cart Fees (36 Hole Tournament)	49.00	_____
Social Golf Greens and Cart Fees (18 Hole Tournament)	35.00	_____
Bowling Fee (doubles)	8.00	_____
Bowling Fee (team) per person	8.00	_____
Racquetball (second event) person	15.00	_____
Cycling	5.00	_____
Swimming	5.00	_____
Tennis Social Mixed Doubles (per person)	10.00	_____
TOTAL ENCLOSED		\$ _____

Please make check payable to: **WORLD SENIOR GAMES** and enclose payment together with completed
 Registration/Entry Form, including sports section (s) of this form and liability waiver and mail to:

WORLD SENIOR GAMES
 1355 South Foothill Drive, Suite 103, Salt Lake City, Utah 84108 • (801) 583-6231

SHIRT SIZE - UNISEX small medium large X-large XX-large

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For additional information:
WORLD SENIOR GAMES
 Sylvia A. Wunderli, Exec. Dir.
 1355 South Foothill Drive, #103
 Salt Lake City, Utah 84108
 (801) 583-6231

Special Travel Rates

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American Airlines is offering a special discount rate of
 40% off their full coach fares for travel to Huntsman
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 that rate by an additional 5%. All rules and restrictions
 apply and are subject to applicable inventory. Travel to Las
 Vegas, NV, must be between October 11-28, 1991.

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 Call Toll Free 1-800-433-1790
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