

PUBLICATIONS ORDER FORM

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<p>_____ 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 race-walking events, age 40 and up, as of Oct. 31, 1988. 52 pages. Lists name, age, state and date of record. Compiled by Peter Mundle, WAVA and TAC Masters T&F Records Chairman. \$4.00.</p>	\$ _____
<p>_____ Masters Track & Field Rankings Men's and women's 1988 U.S. outdoor track & field, 5-year age-group rankings. 44 pages. Over 100-deep in some events. All T&F events, including 3000, 10,000, weight, relays, 1500 walk, and 5000 walk. Coordinated by Jerry Wojcik, TAC Masters T&F Rankings Chairman, and the National Masters News. \$5.95.</p>	\$ _____
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<p>_____ Masters 5-Year Age-Group Records Men's and women's official world and U.S. 5-year age-group records for all track & field events, age 35 and up, as of May 1, 1989. 10 pages. Lists name, age, state and date of record. Compiled by Peter Mundle, WAVA and TAC Masters T&F Records Chairman. \$1.50.</p>	\$ _____
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U.S. MASTERS TRACK & FIELD RANKINGS 1988



\$5.95

The 1988 U.S. Masters Track & Field Rankings Book is the result of countless hours of work donated by volunteer compilers. Besides giving their time, they have also incurred expenses for typists, materials, telephone calls, and other costs. Several of them did not start until late 1988 or early 1989, which meant they were faced with having to dig through a stack of National Masters News issues in a month or so rather than having the luxury of dealing with one issue at a time.

So, I would like to dedicate this publication to the compilers: Larry Patz of New Hampshire; Charles Mercurio of California; Phil Brusca of Missouri, who was aided by Matt Gagliardi, Julie Schwartz, and Buffy Morgan, students at Ladue High School; Glen E. Peterson of South Dakota; and William Benson, Kathy Pierce, and Barbara Stewart, all of New York. I should note that all of these compilers are participants in masters track & field.

I would also like to thank my daughter-in-law, Wiesia Wojcik, who "volunteered" her efforts in exchange for baby-sitting time.

We will be the first to admit that the rankings are not perfect, but this has been an undertaking from which we have learned things which will make future rankings more accurate.

The problems of exclusion, misspelled names, wrong divisions, and erroneous or unreported marks should diminish in 1989 because most of the compilers are in place, and we will be able to use each other's expertise, your input, and NMN's resources to solve problems before the 1989 rankings are published.

Certain problems, however, are beyond our abilities to solve, specifically discrepancies in the marks of shot put, hammer, and weight throwers. As long as throwers continue to use two or even three different implements (for instance, the 8-lb., 8kg, and 5kg in the 60-69 divisions) rather than the specified WAVA implements, rankings will never be accurate.

In the past, athletes from Canada and Mexico have been included in the U.S. rankings, but their inclusion has always raised understandable objections from U.S. residents. For 1988, identified, non-U.S. athletes have been lined out of the rankings.

I want to apologize for the variety of type and spacing in some of the rankings, with the reminder, however, that the lists were done on whatever typewriter, word processor, or computer printer was available to the compilers.

Finally, I would like to thank Teri Ingram, Steve Lewallyn, and Al Sheahen of the National Masters News; Haig Bohigian, TAC Masters Indoor Records Coordinator; and Peter Mundle, TAC Masters Outdoor Records Coordinator, for their suggestions and contributions. Lastly, I thank my wife, Bea, for her patience and forbearance during the many hours I buried myself in the study to bring this task to a close.

Jerry Wojcik
TAC Masters Outdoor Rankings Coordinator

W60-64				W65-69				W80-84				M30-34				M40-44				M50-54				M55-59				M60-64				M65-69				M70-74				M75-79				M80-84				M85-89				M90-94																																																																																																																																																																																																																																																																																																																																																																																																							
1 Kit Pickles	14:29.1	26 Bob Johnson	17:30.6	11 Russ Pickering	17:15.0	6 Jim Blount	18:17.7	1 Jaclyn Caselli	13:37.1	31 S Rodriguez	18:29.0	1 Noberto Avila	15:11.5	1 Peter Hallop	15:50	1 Joe Fodor	16:43.7	1 G Thomas	17:11.7	1 Mary Ames	25:29.6	35 Eddie Midkiff	20:06	2 John Koningsh	15:20.4	2 E Cadman	16:02.2	2 Derek Mahaffey	16:50.3	2 L Howland	18:03.4	1 Ed Benham	21:57.8	1 Loretta Sherhan	24:30.6	1 Shirley Wasser	30:41.1	1 Jim O'Neil	37:56.3	1 Gary Cohen	15:40.3	6 B Clark	16:22.0	2 Dave Hunter	15:34.7	13 H Blonder	16:09.9	3 Howard Rubin	39:04	2 Dick Benson	38:27.3	2 Kathy Brown	18:39.8	14 Bob Heathcock	16:26.5	4 Don Ardeil	37:28.0	3 Marsha Tilson	60:35.2	2 Andrea Hatch	20:54.2	15 A Morgana	17:05	3 J Cole	15:38.8	16 Bob Heathcock	16:26.5	5 Sam Graceffo	38:01.6	4 Polly Bailey	63:34.1	3 S Compton	19:52.1	17 D Smith	16:27.0	6 Tom Radzikowski	38:41.0	5 Amy Ernst	66:10.1	4 Joel Leeb	20:17.1	18 Greg Eck	16:28.0	7 H Valez	39:06.0	6 Dick Benson	38:27.3	5 S Compton	19:52.1	19 J Napp	16:30	8 Francis Bush	43:31.9	7 Stephen Gasche	17:42.7	8 Gil Robles	43:52.8	27 Frank Fish	17:48.6	9 Dick Weekes	33:39.0	28 Ken Yanowski	18:05	9 Ed Kousky	37:59.7	28 Ken Yanowski	18:05	10 G Lattarulo	43:39.2	29 Joel Dunphy	18:06.7	10 Dick Weekes	33:39.0	29 Joel Dunphy	18:06.7	11 G Lattarulo	43:39.2	30 Mike O'Malley	18:12.4	11 Bob Huddle	37:06.7	30 Mike O'Malley	18:12.4	12 G Lattarulo	43:39.2	31 T Robinson	18:15.5	12 Bob Huddle	37:06.7	31 T Robinson	18:15.5	13 G Lattarulo	43:39.2	32 Brian Gleason	18:21.6	13 Bob Huddle	37:06.7	32 Brian Gleason	18:21.6	14 G Lattarulo	43:39.2	33 Dan Baker	18:33.5	14 Bob Huddle	37:06.7	33 Dan Baker	18:33.5	15 G Lattarulo	43:39.2	34 Pete Gonzalez	19:13	15 Bob Huddle	37:06.7	34 Pete Gonzalez	19:13	16 G Lattarulo	43:39.2	35 David Bruce	19:13.9	16 Bob Huddle	37:06.7	35 David Bruce	19:13.9	17 G Lattarulo	43:39.2	36 M Dipippo	19:14	17 Bob Huddle	37:06.7	36 M Dipippo	19:14	18 G Lattarulo	43:39.2	37 Phil Shelby	19:25.5	18 Bob Huddle	37:06.7	37 Phil Shelby	19:25.5	19 G Lattarulo	43:39.2	38 Woody Green	19:40.8	19 Bob Huddle	37:06.7	38 Woody Green	19:40.8	20 G Lattarulo	43:39.2	39 J Champion	20:49	20 Bob Huddle	37:06.7	39 J Champion	20:49	21 G Lattarulo	43:39.2	40 K Moor	20:52	21 Bob Huddle	37:06.7	40 K Moor	20:52	22 G Lattarulo	43:39.2	11 H Medina	15:56.7	22 Bob Huddle	37:06.7	11 H Medina	15:56.7	23 G Lattarulo	43:39.2	12 S Calderwood	16:07.0	23 Bob Huddle	37:06.7	12 S Calderwood	16:07.0	24 G Lattarulo	43:39.2	13 H Blonder	16:09.9	24 Bob Huddle	37:06.7	13 H Blonder	16:09.9	25 G Lattarulo	43:39.2	14 Bob Heathcock	16:26.5	25 Bob Huddle	37:06.7	14 Bob Heathcock	16:26.5	26 G Lattarulo	43:39.2	15 D Smith	16:27.0	26 Bob Huddle	37:06.7	15 D Smith	16:27.0	27 G Lattarulo	43:39.2	16 Greg Eck	16:28.0	27 Bob Huddle	37:06.7	16 Greg Eck	16:28.0	28 G Lattarulo	43:39.2	17 J Napp	16:30	28 Bob Huddle	37:06.7	17 J Napp	16:30	29 G Lattarulo	43:39.2	18 Ralph Miller	16:30.8	29 Bob Huddle	37:06.7	18 Ralph Miller	16:30.8	30 G Lattarulo	43:39.2	19 Chris Maris	16:35.0	30 Bob Huddle	37:06.7	19 Chris Maris	16:35.0	31 G Lattarulo	43:39.2	20 P Falgout	16:40.7	31 Bob Huddle	37:06.7	20 P Falgout	16:40.7	32 G Lattarulo	43:39.2	21 M Boyer	16:59	32 Bob Huddle	37:06.7	21 M Boyer	16:59	33 G Lattarulo	43:39.2	22 Elvis Davidson	17:08	33 Bob Huddle	37:06.7	22 Elvis Davidson	17:08	34 G Lattarulo	43:39.2	23 D Young	17:12.5	34 Bob Huddle	37:06.7	23 D Young	17:12.5	35 G Lattarulo	43:39.2	24 S Boden	17:17.3	35 Bob Huddle	37:06.7	24 S Boden	17:17.3	36 G Lattarulo	43:39.2	25 G Martin	17:21.3	36 Bob Huddle	37:06.7	25 G Martin	17:21.3	37 G Lattarulo	43:39.2	26 Stephen Gasche	17:42.7	37 Bob Huddle	37:06.7	26 Stephen Gasche	17:42.7	38 G Lattarulo	43:39.2	27 Frank Fish	17:48.6	38 Bob Huddle	37:06.7	27 Frank Fish	17:48.6	39 G Lattarulo	43:39.2	28 Ken Yanowski	18:05	39 Bob Huddle	37:06.7	28 Ken Yanowski	18:05	40 G Lattarulo	43:39.2	29 Joel Dunphy	18:06.7	40 Bob Huddle	37:06.7	29 Joel Dunphy	18:06.7	41 G Lattarulo	43:39.2	30 Mike O'Malley	18:12.4	41 Bob Huddle	37:06.7	30 Mike O'Malley	18:12.4	42 G Lattarulo	43:39.2	31 T Robinson	18:15.5	42 Bob Huddle	37:06.7	31 T Robinson	18:15.5	43 G Lattarulo	43:39.2	32 Brian Gleason	18:21.6	43 Bob Huddle	37:06.7	32 Brian Gleason	18:21.6	44 G Lattarulo	43:39.2	33 Dan Baker	18:33.5	44 Bob Huddle	37:06.7	33 Dan Baker	18:33.5	45 G Lattarulo	43:39.2	34 Pete Gonzalez	19:13	45 Bob Huddle	37:06.7	34 Pete Gonzalez	19:13	46 G Lattarulo	43:39.2	35 David Bruce	19:13.9	46 Bob Huddle	37:06.7	35 David Bruce	19:13.9	47 G Lattarulo	43:39.2	36 M Dipippo	19:14	47 Bob Huddle	37:06.7	36 M Dipippo	19:14	48 G Lattarulo	43:39.2	37 Phil Shelby	19:25.5	48 Bob Huddle	37:06.7	37 Phil Shelby	19:25.5	49 G Lattarulo	43:39.2	38 Woody Green	19:40.8	49 Bob Huddle	37:06.7	38 Woody Green	19:40.8	50 G Lattarulo	43:39.2	39 J Champion	20:49	50 Bob Huddle	37:06.7	39 J Champion	20:49	51 G Lattarulo	43:39.2	40 K Moor	20:52	51 Bob Huddle	37:06.7	40 K Moor	20:52

1988 5000m Rankings
Compiled by Wiesia Wojcik

1988 10,000m Rankings
Compiled by Wiesia Wojcik

1988 High Hurdles Rankings
Compiled by Jerry Wojcik

PLEASE CHECK THE CORRECTIONS FOR ALL EVENTS ON PAGE 4.

M55-59

Table with 3 columns: Rank, Name, Time. Includes John Hepner, Robert Culling, Jim Johnston, Frank Newman, George Freeman, Jerry Withers, G Taylor.

M60-64

Table with 3 columns: Rank, Name, Time. Includes Avery Bryant, Walt Atcheson, Dick Packard.

M65-69

Table with 3 columns: Rank, Name, Time. Includes Phil Granby, Tim Dyas, Richard Cavicchi, Frank Bowles.

M70-74

Table with 3 columns: Rank, Name, Time. Includes Dan Bulkley.

M75-79

Table with 3 columns: Rank, Name, Time. Includes Charles Espy.

1988 4X100m Relay Rankings

Table with 3 columns: Rank, Name, Time. Compiled by Larry Patz.

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Table with 3 columns: Rank, Name, Time. Compiled by Larry Patz.

Table with 3 columns: Rank, Name, Time. Lists relay teams like Buffalo, Over The Hill, Memphis Masters, Detroit Fitness, West Penn TC, etc.

Table with 3 columns: Rank, Name, Time. Lists relay teams like L.A. Valley AC, Atlanta Track Club, AZ Masters, West Valley, etc.

Table with 3 columns: Rank, Name, Time. Lists relay teams like Dallas & F Club, L.A. Valley AC, NY Patriots, etc.

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1988 4x400m Relay Rankings

Compiled by Larry Patz

Table with 3 columns: Rank, Name, Time. Lists relay teams like Greater Rochester, Hurricane Sports, Anderson TC, etc.

Table with 3 columns: Rank, Name, Time. Lists relay teams like Syracuse CHG, Over The Hill, Phila Masters, etc.

Table with 3 columns: Rank, Name, Time. Lists relay teams like Greg Haynie, Mark Williamson, Ed Fern, etc.

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Table with 3 columns: Rank, Name, Time. Lists relay teams like La Valley TC, So. Cal. Striders, NY Masters, etc.

Table with 3 columns: Rank, Name, Time. Lists relay teams like West Florida, Houston Harriers, N.Y. Masters, etc.

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1988 High Jump Rankings

Compiled by Charles Mercurio

Table with 3 columns: Rank, Name, Mark. Lists high jumpers like Greg Haynie, Mark Williamson, Ed Fern, etc.

Table with 3 columns: Rank, Name, Mark. Lists high jumpers like Richard Madan, Richard Ratus, Harrison Roberts, etc.

Table with 3 columns: Rank, Name, Mark. Lists high jumpers like Reynaldo Brown, Walden Curry, Vic Teller, etc.

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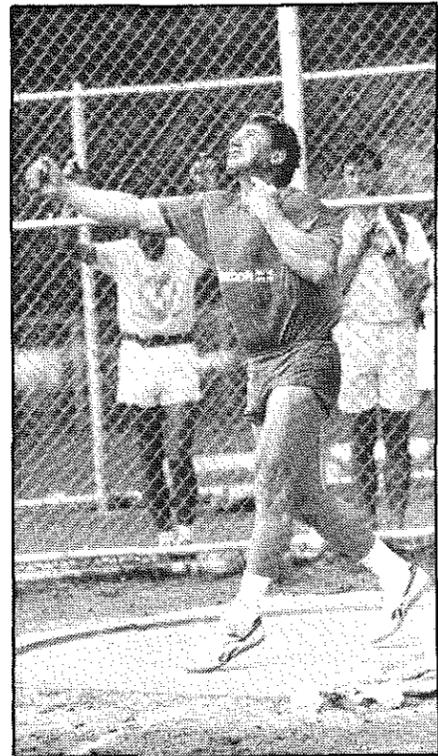
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Table with 3 columns: Rank, Name, Mark. Lists high jumpers like Greg Haynie, Mark Williamson, Ed Fern, etc.

M50-54			
1 Al Oerter	191-9	31 --- Haugo	120-7
2 Bob Humphreys	166-4	32 --- Harvey	120-3
3 Martin Kintish	154-11	33 Frank Carson	120-1
4 Phil Brady	152-11	34 Tom Smith	119-8
5 Jim Hart	152-5	35 C Klehm	119-4
6 John Ross	149-11	36 Gene Hendrix	119-1
7 Steve Holmes	146-1	37 Fred Cechl	118-0
8 Allan Brown	145-10	38 S White	116-11
9 Phil Scudieri	142-9	39 R Bradenbeck	116-8
10 James Rothrock	142-0	40 Tom Ragland	116-1
11 Henry Wright	139-11	41 Meemo Maasik	113-11
12 Neil Saling	137-6	42 Tim Twomey	113-9
13 Dennis Reitz	135-10	43 Phil Mulkey	113-5
14 Jack Gilmore	134-1d	44 Bob Kemp	113-2
15 Gary Miller	133-9d	45 Dick Mann	112-11
16 Bill Bolton	132-6	46 Manuel Rivas	111-2
17 Henry Davenport	131-5	47 Ed Martin	110-4
18 Hal Smith	129-8	48 Frank Carl	110-2
19 Tom Wesselowski	129-6	49 Leon Trout	109-11
Dave Morris	129-6	50 Halg Bohigian	109-8p
21 Jim Lindsay	129-4	51 Jim Peterson	105-11
22 J Steitle	129-3	52 A Friedl	105-5
23 John Mueller	129-0	53 L Knight	105-1p
Bob Warren	129-0	Ray Fitzhugh	105-1
25 Frank Frye	126-11	Tom Jackson	105-1
26 Ed Oleata	125-5d	56 J Mayer	104-5
27 Jay Edwards	125-5	57 Dennis Adams	104-3
28 Everett Hardy	125-1	58 Julian Arana	103-11
29 Tom Henderson	122-6	59 --- Slick	103-9
30 Stan Zak	121-9	60 M Rives	103-2

M60-64			
1 Bob Richards	152-10	21 Harvey Williams	120-8
2 Phil Brusca	150-1	22 Stan Weber	120-4
3 Bill Bangert	146-5	23 Helmut Lang	119-6
4 Hal Wallace	144-8	24 Joe Paulsen	117-1
5 Lyle Ludwig	142-5	25 Sam Griffith	116-7
6 Del Pickarts	144-8	26 Robert Chotoff	116-2
7 Oscar Jensen	138-5	27 Jim Cordial	115-8
8 Bob Seligman	137-11	28 Henno Keskkula	114-13
9 A Gaynor	137-9	29 Richard Nordquist	114-6
10 James Gilchrist	137-6	30 A Jackson	114-0
11 Herb Cantor	135-2	31 E Holmes	113-11
12 Cliff Sampson	134-11	32 Scott Herman	113-8
13 Art Jaago	133-11	33 Don Tavolacci	112-8
14 Mike Orlich	129-2	34 Chuck Olson	112-6
15 Don Reid	128-3	35 Roy Wigginton	111-2
16 J Wann	127-5	36 Bob Sieben	109-11
17 K Pavaasars	126-1	37 Jack Haefele	109-7
18 Jacob Stein	122-6	38 Hal Buck	109-3
19 Bill Carter	122-3	39 R Hassman	108-6
20 D Halle	122-0	40 Don Henry	107-1
21 Robert Hewitt	121-1	41 Art Harris	106-7
M55-59			
1 Wendell Palmer	182-0	21 Ed Martin	108-10
2 Perry O'Brien	156-2	22 Ted Wassam	108-9
3 D Gonzalez	153-0	23 Zamir Bavel	108-5
4 Len Olson	142-8	24 Jackson Tovell	108-0
5 Ed Van Pelt	142-6	25 Paul Winecki	106-6
6 Martin Kintish	140-6	26 G Swankhouse	106-3
7 Phil Mulkey	137-1d	27 Warren Jackson	106-2
8 Harry Hawke	132-9	28 Dave Douglass	105-8
9 J Erickson	130-6	29 Dick Kennerly	105-1
10 James Rothrock	129-0	30 Darrold Skartvedt	105-0
11 William Garrahan	128-3	31 Rich Hein	104-11
12 H Humphries	125-10	32 Mike Devlin	104-5
13 Randy Cooper	121-10	33 Art Billigmeier	103-4
14 Lloyd Shumway	120-8	34 Pay Carstensen	99-4
15 Tom Henderson	117-9	35 Jerry Reiserer	99-1
16 Hal Wallace	115-9	36 Kart Kauterman	98-10
17 Bob Flaherty	115-5	37 Don Merrill	98-7
18 Jerry England	112-6	38 A Weisbecker	98-6
19 --- Pike	111-9	39 Jack Sutphin	97-11
20 Richard Straub	111-2	40 Nils Parma	97-3
21 Luis Velez	93-9	41 Armando Ricciardi	114-6
42 S McWhirter	93-4	42 Arnold Scott	114-0
43 Jim Collier	92-11	43 Ray Rupelli	112-10
44 Bill Hottinger	91-10	44 Jacob Stein	112-7p
45 Walter Diggs	91-1	45 Jerry Reichart	82-0
46 Glen Peterson	89-9	Jerry Wojcik	82-0
47 J G Packett	89-8	56 H Brown	80-6
48 B Dodds	89-3	57 --- Ackerman	76-9
49 S Orlich	89-0	58 Ned Curran	76-2
50 John Shannon	88-6	59 George Campbell	75-3
51 Darwin Newton	84-9	60 T Sjogren	67-4
52 James Butler	84-4		
53 Allen Cohen	82-6		
54 Jerry Reichart	82-0		
55 H Brown	80-6		
56 --- Ackerman	76-9		
57 Ned Curran	76-2		
58 George Campbell	75-3		
59 T Sjogren	67-4		



Four-time Olympic gold medalist Al Oerter, 51, of West Islip, N.Y., displays winning form for a 191-9 discus throw, 4th Annual Sri Chinmoy Masters Games, Forest Hills, N.Y., July 23. Photo by the Sri Chinmoy Marathon Team

M60-64			
1 Bob Richards	152-10	21 Bill McIntyre	107-0
2 Phil Brusca	150-1	22 H Huseny	105-6
3 Bill Bangert	146-5	23 Mark Neuman	104-5
4 Hal Wallace	144-8	24 Ron McCloy	102-11
5 Lyle Ludwig	142-5	25 Lyle Ludwig	102-5
6 Del Pickarts	144-8	26 Ken Wheeler	102-0
7 Oscar Jensen	138-5	27 William Russo	99-4
8 Bob Seligman	137-11	28 Jim Sullenger	98-5
9 A Gaynor	137-9	29 Tom Kennell	97-8
10 James Gilchrist	137-6	30 Ralph Williams	96-3
11 Herb Cantor	135-2	31 John McCarthy	96-2
12 Cliff Sampson	134-11	32 August Tellatin	95-6
13 Art Jaago	133-11	33 Herman Hart	95-2
14 Mike Orlich	129-2	34 John Montgomery	95-1
15 Don Reid	128-3	35 C Fleetwood	92-5
16 J Wann	127-5	36 Algen Bryant	92-1
17 K Pavaasars	126-1	37 Byrl Clayton	91-6
18 Jacob Stein	122-6	38 Ken Gorskow	89-7
19 Bill Carter	122-3	39 Fritz Hoferer	87-5
20 D Halle	122-0	40 L Wray	86-6
21 Robert Hewitt	121-1	41 Henry Coghill	86-1
M70-74			
1 Dan Aldrich	138-4	42 Bob Warwick	85-0
2 Hy Booth	128-10	43 Art Holland	84-0
3 Elmer Shaw	125-10	44 Walt Jenkins	83-11
4 Tom McDermott	121-10	45 Roy Atherton	82-11
5 Manuel White	120-2	46 G Page	81-11
6 Bill Morales	113-10	47 J Wislocky	81-8
7 Ham Morningstar	107-2d	48 Bernard Brown	81-2
8 Jerry Siefert	104-8	49 J Salsdorf	79-7
9 Joe Sanz	104-6		
10 Bill MacMurray	103-10		
11 Hal Cronkrite	102-6		
12 Nat Beard	96-2		
13 Gerald Cycowski	93-2		
14 Don Hull	92-11		
15 Francisco Colon	91-1		
16 George Frushour	90-3		
17 Eugene Wood	89-4		
18 Bruce McDonald	88-5		
19 R Mack	87-7		
20 Clarence Trahan	85-4		
21 Chuck McMahon	84-11		
22 Carl Frederick	84-11		
23 Ernie Jensen	84-10		
24 Gordon Taylor	84-1		
25 Chris Christy	83-3		
26 Dan Bulkley	82-11d		
27 Bob Detweiler	81-6		
28 Doug Phillips	81-4		
29 O Murela	80-10		
30 Charles Hirshey	80-9		
M80-84			
1 Burt DeGroot	97-4		
2 Ken Carnine	97-3		
3 Vern Kennedy	77-2		
4 Frank Furniss	74-10		
5 W McFadden	73-10		
6 Joe Nitsch	66-8		
7 E Salisbury	64-7		
8 Byron Fike	64-7		
9 Clarence Riggs	62-11		
10 A J Puglizevich	59-10		
M85-89			
1 Buell Crane	64-1		
2 Herb Anderson	58-11		
3 Everett Hosack	55-2		
4 Arling Pitcher	53-9		
5 Conrad Boas	47-9		
6 Alfred Kamm	38-2		
7 L Seda	37-8		
M90-94			
1 Richard Hallmark	21-4		
M95+			
1 Collister Wheeler	48-7		
W30-34			
1 Grace Apiafi	171-3		
2 Lynne Dunton	127-7		
3 Leona Helvey	93-8		
4 K C Frogger	88-6		
5 S Lambert	87-8		
6 Donna Pope Green	87-7		
7 Rose Packard	74-3		
8 Vicki Johnson	73-8		
9 Barb Halmi	67-6		
10 Mary Coles	65-1		

M75-79			
1 Leon Joslin	106-2	11 Jack Wood	86-7
2 Bill Eipel	101-6	12 Roger Smith	86-2
3 Jim York	98-10	13 Karl Trei	85-5
4 Gil Gonzalez	97-2	14 Ernest Dennison	85-0
5 Jim Knott	95-2	15 Joe Nawrocki	83-5
6 Gordon Powell	94-11	16 Al Skonberg	83-1
7 Claude Hills	92-8	Don Hummel	83-1
8 Jim Besson	89-1	18 J Gaines	80-3
9 Vern Cheadle	87-8	19 Oliver Duggins	79-8
10 Frank Campbell	87-0	20 John Perale	74-2
W40-44			
1 Lurline Struppeck	118-9	22 Art Vesco	71-1
2 Kathy Pierce	96-9	23 Emmett Bennett	70-8
3 Mary Lou Plantis	85-11	24 Ray Moe	69-6
4 Ingrid Drolet	82-9	25 Phil Partridge	68-10
5 Ann Whitehead	77-10	26 John Dick	64-1
6 R Bet	71-3	27 Igor Storojeff	63-8
7 Joan Patrick	65-3	28 Tom Mayhew	62-3
8 Diana Schultz	63-6	29 Fred Bielein	58-1
9 Cindy LeBlanc	62-3	30 Ed Bost	57-3
10 Phil Raschker	60-8	31 Bill Garthune	57-2
11 E Curry	47-4	32 George Knox	54-3
W45-49			
1 Joyce Bowerman	92-0		
2 Vanessa Hilliard	90-7		
3 Laurie Rothrock	76-6		
4 a Hienstra	74-11		
5 Sandy Pashkin	66-4		
6 A Boyle	66-3		
7 Karen Wright	65-9		
8 Patti Smith	64-10		
9 --- Huff	61-9		
Barbara Stewart	61-9		
W50-54			
1 M Larney	93-7		
2 Christel Miller	78-7		
3 Joan Youngs	72-0		
4 Mildred Toman	70-7		
5 Barbara Racine	67-9		
6 Anne Cirulnick	67-1		
7 June Meyer	66-5		
8 Marianna Venoski	63-8		
9 Marti Thielman	62-0		
10 Cindy Fulenwider	62-0		
W55-59			
1 Sally Polk	74-5		
2 L Brucklacher	68-0		
3 Joan Dash	67-7		
4 Lonnie Proctor	58-8		
5 Magdalena Kuehne	58-3		
6 Mary Johnson	56-3		
7 M A Cavicchi	52-6		
8 Muriel Smith	52-4		
9 Elsie Draper	50-6		
10 Ann Witt	50-0		
W60-64			
1 Bernice Holland	90-4		
2 Lucile Sampson	70-8		
3 Lee Anthony	69-1		
4 E O'Connor	67-10		
5 H Pedel	67-6		
6 Shirley Dietderich	67-4		
7 Velta Thomsons	67-3		
8 Evelyn Schmidt	65-3		
9 Ann Toya	65-0		
10 Mary Norckauer	60-8		
W65-69			
1 E Hagamann	67-10		
2 Becky Sisley	65-4		
3 Elga Meri	64-6		
4 Pearl Auerbach	60-7		
5 Harriet Boyd	60-2		
6 Carmen Gilmore	55-1		
7 Sharon Sheffield	54-7		
8 Hazel Trexler	53-0		
9 Barbara Kleinschmid	50-5		
10 M Holbert	50-3		
W70-74			
1 Betty Jarvis	61-3		
2 Helen Stephens	59-1		
3 Rose Rustin	57-5		
4 Mary Bowermaster	52-11		
5 Gerida Bergman	50-4		
W75-79			
1 Edith Mendyka	58-1		
2 Sylvia Schwartz	48-9		
3 Marie Uebel	42-11		
4 Alic Humphrey	38-6		
5 Berta Gray	36-9		
6 Ellen Julius	32-8		
7 Ruby Wilson	32-1		
W80-84			
1 Marilla Salisbury	22-7		

PLEASE CHECK THE CORRECTIONS FOR ALL EVENTS ON PAGE 4.

**1988 Hammer Rankings
Compiled by Jerry Wojcik**

M30-34	
1 Ken Janson	184-10
2 Bob Hartmann	173-2
3 Mike Lauderdale	148-1
4 Peter Collins	144-9
5 Dale Reed	144-7
6 Gary England	134-1
7 Roy Silvers	129-4
8 Steve Sharnach	124-11
9 Mike Yashemski	122-11
10 Chris Mitko	119-2
11 Brett Osborn	111-2
12 Jeff Baty	104-3
M35-39	
1 Pete Farmer	222-3
2 Mike Deller	166-0
3 Pat Healy	159-8
4 Gary Kelmenson	151-1
5 Ed Daniels	145-0
6 Norm Bower	142-10
7 Paul Corrigan	139-8
8 Dennis McCave	139-7
9 John McCree	131-0
10 Dick Bloomfield	109-1
11 Don Reed	108-7
12 Ron Cone	108-7
13 Ray Beamer	103-6
14 Paul Brown	102-7
15 Ron Salvio	102-2
16 Dale Danver	92-1w
M40-44	
1 Ed Hill	161-9
2 Bob Mead	159-6w
3 Phil Martinez	139-11
4 Mike Grisko	138-2
5 T Welihozkiy	135-5
6 Al Neville	134-10
7 Norm Bower	134-1
8 Jim Pearce	133-4
9 Gary Bartell	129-9
10 B Stebbing	127-1
11 Joe Ross	120-4
12 John Roehr	119-6
13 R Vlaadingerbrock	118-2
14 Tony Bianchi	116-3
15 J Kirkpatrick	104-9
16 Leon Dahl	104-6
17 Glenn Weaver	103-1
18 John Buckley	96-8
19 Glenn Sasser	94-7
20 Palmer Sweet	90-1
M45-49	
1 Tom Gage	196-3
2 Ed Burke	171-0
3 Lloyd Higgins	158-9
4 Carl Wallin	152-6
5 Bob Gourley	128-8
6 R Harvey	126-11
7 Carl Klehm	119-1
8 Brian McKenna	119-1
9 Mike Valle	117-9
10 Joe Orsini	116-1
11 Dick Bloomfield	113-1
12 Robert Decker	112-8
13 Bob Harvey	111-8
14 Jerry Jenson	110-6
15 Abe Sheinker	100-5
16 Jerry Arline	94-11
17 Jack Karbens	91-0

M50-54	
1 Joe Chadbourne	155-1
2 Bob Humphreys	151-2
3 Gordon Bobell	148-2
4 Tim Twomey	145-6
5 Julian Nunez Arana	141-2
6 Jim Hart	135-0
7 Jerry England	131-11
8 John White CA	124-10
9 Phil Scudieri	121-5
10 Oscar Jensen	120-9
11 Tom Wesselowski	120-0
12 Frank Miller	119-9
13 Allan Brown	116-4
14 Vern Spencer	115-3
15 Dennis Rietz	112-4
16 John Mueller	111-6
17 Jim Rothrock	110-7
18 Jeff Wenig	106-7
19 Dick Mann	102-5
20 Kurt Krastin	100-7
21 Bud Atwood	89-0
22 Tom Jackson	86-10w
23 Meemo Maasik	82-10w
M55-59	
1 Cliff Blair	193-11
2 Martin Engel	143-3
3 Len Olsen	138-10
4 Jerry England	137-11
5 Dave Douglass	134-2
6 Luis Velez	125-9
7 Mike Devlin	125-6
8 Wendell Palmer	117-5
9 Martin Kintish	113-2
10 Ray Carstensen	112-10w
11 James Rothrock	110-1
12 Tom Henderson	104-2
13 Bill Brackney	101-0
14 Zamir Bavel	97-3
15 Jerry Wojcik	93-0
16 Phil Mulkey	91-9
M60-64	
1 Levi Mozhaev	136-10
2 Awin Phillip	136-2
3 W Walmoth	134-1
4 Don Reid	131-3
5 Bill Bangert	125-1
6 Richard Bergenback	123-6
7 Herb Cantor	122-1
8 Phil Brusca	119-0
9 Jack Stein	104-1
10 Jack Morrill	102-1
11 Don Henry	100-1
12 R Hassman	86-0
13 Ward Church	84-6
14 Loren Noyes	76-5
15 Norb Weckstein	75-0
16 Scott Herman	63-4
17 A Rocha	62-8
18 Gene Polk	61-3
19 Manny Herscher	55-10w
20 Enson Grimm	45-9
M65-69	
1 Dan Aldrich	129-4
2 Jim Minah	127-3
3 Armando Ricciardi	124-4
4 W McIntyre	121-4
5 Bill Bangert	119-10
6 Grey Battick	114-10
7 Bob Stone	107-3
8 Tom De Vaughn	103-1
9 Seymour Lampert	100-6
10 Ray Rupelli	94-6
11 Fritz Hoferer	87-0
12 Ralph Williams	84-5
13 Bernard Brown	75-6
14 Ed Sorkin	74-0
15 Dale Buysse	71-5
16 Art Knapp	67-7

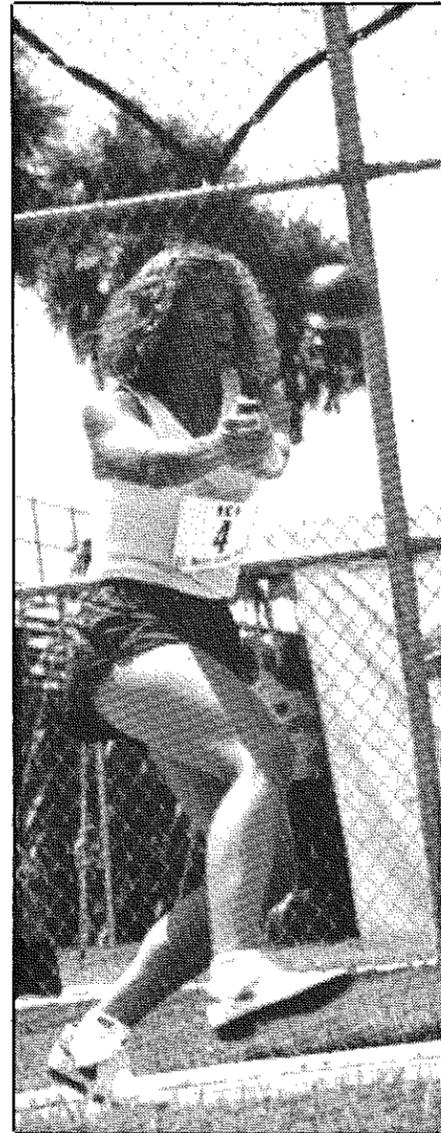
M70-74	
1 Tom McDermott	150-8
2 Dan Aldrich	140-10
3 Elmer Shaw	135-11
4 Stan Laski	124-4
5 Nat Heard	121-6
6 Nolan Fowler	117-8
7 Jim York	109-0
8 Joe Sanz	98-5
9 Bob Detweiler	97-10
10 Don Hull	97-10
11 Ham Morningstar	91-10
12 Manuel White	84-5
13 Chas Hirshey	78-4
14 Jack Pardee	78-1
15 W MacMurray	76-11
16 Fred Praeger	72-0
17 Gordon Taylor	69-11
M75-79	
1 Jim York	105-2
2 Art Vesco	93-9
3 Bob Hunter	89-10
4 Al Skonberg	79-6
5 Dan Pierotti	78-10
6 Leon Joslin	75-2
7 Ed Bost	74-1
8 C E Hirshey	73-10
9 Joe McCluskey	73-8
10 Gordon Powell	72-5
11 Jack Wood	70-11
12 Gene Hanson	66-8
13 Igor Storojoff	51-1
14 Phil Partridge	46-10
15 George Knox	46-10

M80-84	
1 Bob Ullsh	82-9
2 Burt DeGroot	56-0
3 Frank Walters	38-6
M85-89	
1 Everett Hosack	58-2
2 Buell Crane	53-3
W30-34	
1 Sheila Carpenter	94-0
2 Linn Dunton	88-5
W35-39	
1 Joan Stratton	128-7w
2 Barbara Butler	81-3
W40-44	
1 Brenda Bloomfield	85-10
2 Laurie Rothrock	62-5
3 Kathy Pierce	58-6w
W45-49	
1 Barbara Stewart	71-9
2 Laurie Rothrock	57-2
W50-54	
1 Mildred Toman	69-1
2 June Meyer	63-7
3 Dortha Swanson	62-11
4 Rachel Lyga	58-1
W55-59	
1 Sally Polk	93-10
W60-64	
1 Bernice Holland	69-8
M80-84	
6 Robert Buhl	192-3
7 Nathan Taylor	180-2
8 Nate Robinson	179-9
9 Don Morrison	177-8
10 Rich McMullin	174-9
11 Ross Percifield	169-3
12 Richard Watson	168-10p
13 John Green	158-4
14 H Saari	156-3
15 Kim Annin	155-0
16 Gary Schmidt	153-9
17 Eric Brown	152-9
18 Don Torok	152-0p
19 Steve Suto	151-3
20 P Corrigan	148-7
21 Rich Ruffalo	148-0
22 Dennis Patterson	143-10
23 Ron Rook	140-8
24 Bob Green	140-1d
25 Scott Thornsley	139-4p
26 John Buckley	137-5
27 B Waterbury	137-4
28 B Schooler	136-8
29 Ron Cone	135-4
30 Mike Salzman	133-5d
31 Dan Klutho	132-4
32 Mike Davis	131-11d
33 Rich Christoph	131-10d
34 Paul Brown	131-6
35 Dale Danver	131-4
36 John Kiedrowski	129-7
37 Gary Kelmenson	128-7
38 Jim Accardi	126-8p
39 Al Walton	126-5p
40 Ivan Black	125-10

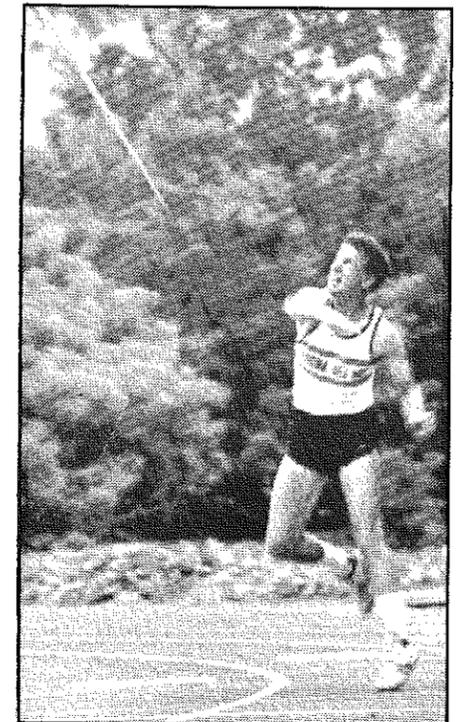
**1988 Javelin Rankings
Compiled by Jerry Wojcik**

M30-34	
1 Mike Juskus	217-8
2 Lee Webb	197-10d
3 Mike Bailey	189-11d
4 Andy Miller	186-2
5 Ken Ellis	185-4
6 Mike Hagfeldt	184-5
7 Bob Cichosz	184-2
8 Gary England	181-2
9 Jeff Struggs	177-0
10 K Kistbaugh	174-8
11 Allan Rodd	171-6p
12 Scott Bull	166-11
13 Jerry Reisig	166-10
14 Gene Cacciatore	166-7
15 Jeff Bilderbeck	164-2p
16 Mike McDonald	163-9
17 Bill Lawson	162-1d
18 Mike Sayers	161-2
19 Ray Steve	160-5
20 Jeff Baty	159-4
21 Rick Scott-Johnson	159-3
22 Rick Easley	158-0
23 Don Foggs	151-5
24 Dave Morgan	151-4
25 Presley Yates	151-2
26 David Beshears	148-9d
27 Tony Ciccone	148-7d
28 David Harvey	147-11
29 Bob Hartman	145-2
30 Rich Ruffalo	140-8
31 Tom Wood	137-9
32 Ulises Delgado	136-10
33 Todd Kaberline	134-9
34 Ted Tiernan	134-0d
35 John Finnegan	131-9
36 Chris Mitko	130-6
37 Jeff Watry	129-5p
38 Jesse James	129-5p
39 Mike McGinnis	129-0d
40 Ron Nelson	128-1p
M35-39	
1 Bob Sing	213-8
2 Fred Carpenter	208-7
3 Joe Greenberg	205-11
4 Bill Wilson	199-7
5 Bob Conroy	196-6
M40-44	
1 Dave Reiss	221-4
	216-2n
2 Terry Halmi	204-6
3 Ed Moreland	201-7n
4 Bill Buffaloe	194-8
5 Warren Wilke	193-11
6 Al Weed	187-0
7 Glenn Weaver	185-0
8 Steve Jarvis	184-6
9 R Vlaadingerbroek	183-2
10 Dennis Chandler	182-4
11 R Sander	181-7
12 Rocco Petitto	180-4
13 Drew Stevick	180-2
14 Sandy Stoddard	176-1
15 Bob Erglestad	173-7
16 Joe Stefanile	169-3
17 Richard Selby	168-8
18 Bill Busby	166-8d
19 Ladd Zastoupil	166-2
	Bill Forsyth
21 R Schell	165-7
22 Malachi McGruder	160-1
23 Jim Kirkpatrick	156-2
24 Dennis Stempel	154-5d
25 Bill Walsh	154-0p
	Rex Harvey
27 Bob Mead	153-9p
28 Presley Yates	153-1
29 Dave Stebing	150-3
30 Richard Stepp	149-8
31 Hilary George	146-4
32 P Parker	143-8
	S Zisman
34 Robert Borberg	142-6
35 Joe Wallek	142-2
36 R Taft	141-4
37 Tom Deyle	139-3
38 Gordon Aimes	137-8
39 Carldon Collins	137-5
40 Bob Kester	135-11p

41 George Nelson	134-7
42 M Holzgang	131-1
43 Brian Arnsperger	130-3
44 Rich Rook	128-3
45 J Carlstein	128-0
46 Jim Rose	127-7d
47 Norm Bower	127-1
48 Bill Mauck	126-10w
49 D Johnston	124-4
	John Hess
1 George Reynolds	176-8
	172-0n
2 Don Poole	173-11
3 Gary Reddaway	168-4
4 Lloyd Higgins	164-11
5 Mike Hotchkiss	163-4
6 Ed Hill	161-9
7 Dennis Neufeld	160-9
8 H Kelsey	158-0
9 M McGruder	155-9
10 Carl Wallin	151-7p
11 Bob Marshall	150-7
12 Ronnie Rawls	148-4
13 John Manning	147-11
14 Dennis Stempel	146-6d
15 Doug Appel	144-10
16 Mike Woodward	142-1
17 P Riede	140-7
	Steve Rogers
	Tom Cronan
20 Bill Simon	139-5
21 Fred Pamerter	136-4
22 Harold Tessier	134-8
23 M Murray	134-1
24 Henry Hopkins	133-2d
25 Eulogio Arroyo	130-1
26 L Silver	130-0
27 Jack Karbens	128-2
28 Mike Harrington	127-3
29 John Sloan	124-1
30 --- August	122-6
	Robert Jones
	122-6
32 George LaBelle	121-10
33 Robert Decker	121-3
34 Bob Harvey	120-0
35 Bill Jeffrey	118-2
36 L Boots	117-2
37 Joe Johnson	116-7
38 Peter Hoffert	113-4
39 Tom Ragland	112-5
40 Robert Reuss	112-3
M50-54	
1 Larry Stuart	215-9
2 Bill Duckworth	181-6
3 Phil Conley	176-7
4 Gary Miller	169-7p
	Steve Holmes
	169-7
6 Bob Darling	161-6
7 Bob Youngs	153-4
8 James Rothrock	150-1
9 Phil Scudieri	149-9
10 Don Rose	148-1
11 --- Zalig	136-8
12 Hal Smith	136-3
13 Dave Clark	135-10
14 Jack Gilmore	134-10p
15 William Houck	134-6
16 M Adamson	134-4
17 D Reitz	133-0
	W Tucker
	133-0
19 Frank Skvarek	126-0
20 C Bolton	124-6
21 Hector Cisneros	123-7d
22 Frank Illuzi	123-4
23 Tom Ragland	120-3
24 John Reider	119-7
25 Alf Sunden	119-5
26 Ed Oleata	119-0d
	Jim Hart
	119-0w
28 Ray Fitzhugh	116-11p
29 John Lindsay	116-10
30 Bob Warren	114-0
31 M Rivas	113-6
	Frank Brown
	113-6



Sheila Carpenter, 32, of El Toro, Calif., throws the hammer 94-0 to win a gold medal in the W30-34 division.
Photo by Sports Pix, Altamonte Springs, Fla.



Gary Miller throws the javelin 154-0 in the decathlon where he set his M50WR, Cal State Univ. - L.A., May 28.
Photo by Nils Miller

1988 Heptathlon Rankings
Compiled by Barbara Stewart

W40-44
1 Phil Raschker 4848

W45-49
1 Barbara Stewart 2867

W50-54
1 Christel Miller 4703

1988 1500m Walk Rankings
Compiled by Glen E. Peterson

M30-34
1 James Wass 6:53.0
2 Michael Steadman 7:08.0
3 Larry Crocker 7:19.3
4 Skip Willits 8:23.4

M35-39
1 Ron Salvio 7:37.6
2 Tim Phillips 7:44.9
3 Bill Youngberg 7:45.8
4 Dean Easterland 8:19.0

M40-44
1 Bob Padilla 6:49.9
2 George Lattarulo 7:27.6
3 Jim Shaw 8:10.1
4 G. Kidd 8:21.7
5 Greg White 8:44.3
6 Love 9:23.0
7 J. Carlson 9:33.0
8 Dick Martin 10:33.9

M45-49
1 Jerry Newsome 7:59.0
2 Bill Farrell 8:10.0
3 George LaBelle 9:35.3
4 Mike Hoffer 9:41.9
5 Jai Singh 11:00.6

M50-54
1 Frank Brown 6:56.9
2 J. Mortland 8:09.2
3 Joe Stefanowicz 8:50.0
4 Dick Brugger 9:43.0
5 Morton Hahn 11:03.5

M55-59
1 Glen Peterson 7:32.6
2 Jim Bryan 7:50.1
3 Wayne Nicoll 8:11.0
4 W. Nicole 8:14.2
5 Gene Hall 9:44.6
6 Richard Pearce 10:35.0
7 Vic Falk 11:56.7
8 J. Frolichstein 12:21.0
9 Ray McDermott 12:34.79

M60-64
1 Carl Mays 9:19.5
2 Bob Schmurbusch 9:19.9
3 Justin McCarthy 9:22.4
4 Vinson Freeman 9:23.2
5 Leroy Reistoffer 9:27.0
6 Paul Kavadas 9:29.3
7 J. Deerley 9:48.2
8 Charles Roberts 10:00.9
9 Arthur Clevenger 10:20.1
10 Orr 10:31.0
11 LaVern Kiel 12:22.5

M65-69
1 Gene Dix 8:12.8
2 Dick Lukes 9:06.0
3 G. Hoefesser 9:24.9
4 Ken Schoulberg 9:41.6
5 Vince Durkin 9:45.6
6 David Rutter 9:49.3
7 Phil O'Connell 9:49.6
8 Milt Propp 10:03.0
9 George Rajcevic 10:44.6
10 C. Cavicchi 11:38.2
11 Lewis Oakland 11:56.0

M70-74
1 Cliff Gouge 9:37.9
2 Julian Byers 9:48.2
3 Delbert Bender 9:49.5
4 Chuck Whitney 10:03.0
5 Robert Mulliken 10:24.9
6 Tom Callahan 10:34.03
7 Herb Cavin 10:39.0
8 Frank Quiroid 11:12.0
9 Roy Wall 11:28.0
10 Frederico Acosta 11:30.0
11 James Hinrichs 12:22.7

M75-79
1 Paul McDowell 11:05.3
2 Emmett Bennett 11:15.1
3 Harry Inukai 11:37.0
4 Bill Krasner 11:44.0
5 Albert Sabaroff 12:26.9
6 Maurice Johnson 12:38.9
7 Mike Calvin 13:21.0

M80-84
1 George Freeman 12:22.6
2 Cary Browne 12:51.6
3 George Laidlaw 13:48.0
4 Ted Larkin 14:39.5
5 Morley Gluskoter 16:12.0

M85-89
1 Bonnie Stein 8:47.0
2 Lori Ballinger 9:01.0
3 Janet Malone 10:13.3

M90-94
1 Cathi Sullivan 9:21.3

M95-99
1 Laurie Schmitt 9:35.5
2 Schmidt 9:55.3
3 Marti White 10:17.5

M100-104
1 Mary Wheeler 10:33.9
2 Nancy Emery 12:05.7

M105-109
1 Jill Latham 8:34.0
2 Charlene Bryan 9:17.6
3 C. Cameron 10:49.2

M110-114
1 S. Harrow 9:39.9
2 Patricia Farrar 9:45.0
3 Irene Schankman 10:06.9
4 Doris Liberman 10:10.0
5 Bev Tober 10:36.3
6 Ginny Rosenberg 10:48.5
7 Shirley Sikkink 11:25.0
8 Lois Woodworth 11:39.9
9 Betty Ryan 12:03.6
10 Mary Jane Wahl 13:37.0
11 Lorraine Youngberg 14:00.0
12 Shirley Bauer 14:19.0
13 Brown 15:10.6

M115-119
1 Marie Henry 9:55.0
2 Barbara Ryan 10:29.4
3 Norma Hassels 10:40.2
4 Norma Houston 10:52.0
5 Lee Anthony 10:58.1
6 Joy Dunkelmann 11:00.7
7 M. Anderson 11:01.0
8 Jean Culbertson 11:02.0
9 Grace DeLang 11:16.0
10 Midge Mills 11:25.0
11 Margaret Wasser 11:29.0
12 Garvanian 11:40.3
13 Fedelina Armijo 12:04.0
14 Alpha Finklang 12:05.0
15 Ellene Lien 12:10.0
16 Donna Luke 12:19.8
17 Lavinia Haeefe 12:42.0
18 Arleen Dahl 14:36.0
19 Arlene Mattheisen 14:57.0

M120-124
1 M. Lambert 9:21.5
2 Polly Bailey 10:24.4
3 Imogene Watkins 10:33.8
4 Deb Haimo 11:03.9
5 A. Amaral 11:44.0
6 Marie Houchin 11:49.1
7 Evelyn Dybing 12:15.4
8 Priscilla Aragon 13:42.0
9 Mary Meha 13:46.0
10 Gladys Oakland 14:01.0

M125-129
1 Millie Crews 10:32.4
2 Emma Warnke 10:46.0
3 Lucille Monroe 10:46.8
4 Mary Kay 12:14.9
5 Amy Souris 12:56.0
6 Belle Hinrichs 13:02.5
7 Elinor Erickson 13:37.0
8 Ramona Trujillo 14:45.0
9 Lois Higbee 14:59.1

M130-134
1 Hazel Johnson 12:51.2
2 Marie Wendt 13:19.5
3 Helen Stgut 14:00.7
4 Ethel Poncho 15:28.0

M135-139
1 A. Ward 12:29.0
2 Alice Johnson 13:58.2
3 Vena Rasmussen 15:36.04

1988 5000 Race Walk Rankings
Compiled by Glen E. Peterson

M140-144
1 Paul Maler 21:41.1
2 Jim Heiring 21:43.5
3 Mark Green 22:40.0
4 Alan Jacobson 23:03.0
5 Bill Hutchinson 23:25.0
6 Dan Pierce 23:25.0
7 Dave Lawrence 24:18.0
8 David Coutts 24:20.9
9 Terry Harville 24:39.0
10 Curt Sheller 25:16.0
11 James Wass 25:36.0
12 Tim Salter 26:11.3
13 Stephen Baca 26:20.0
14 Justin Kuo 26:24.0
15 Alvia Gaskill 26:36.0
16 Carl Warrell 26:41.0
17 Stewart Bowden 27:48.8
18 Robert Carlson 28:56.0
19 Tom Smith 28:56.9
20 William Coti 29:07.8

21 Larry Aviles 29:59.0
22 Charlie Steele 33:26.0
23 Jerry Cromer 35:29.0
24 Michael Owens 36:20.0
25 Mike DiPippo 36:24.0
26 Keith Vine 39:29.7
27 Anthony Scott 44:36.0

M145-149
1 Ray Funkhouser 22:18.6
2 Joe Barbuzyński 22:43.0
3 Bob Korn 22:58.0
4 Brian Saviolinis 23:51.0
5 David Waddle 23:57.0
6 Phillip McGaw 24:41.0
7 Larry Martinez 25:16.0
8 Carl Warrell 25:23.0
9 Tom Coti 25:24.8
10 Tim Phillips 25:27.0
11 Steve Tyrer 25:47.0
12 Richard Nester 27:00.0
13 Tim Sowards 27:15.0
14 Lance Wright 27:23.0
15 Steve Brink 27:36.0
16 David McNayr 27:36.0
17 Jack Tannachion 28:05.0
18 Gary Meinken 29:29.0
19 Steve Nelson 29:48.2
20 Tom Robbins 29:56.0
21 Ron Salvio 30:27.9
22 Steve Christlieb 30:51.7
23 Bob Jordan 31:00.1
24 Bob Lakey 32:05.0
25 Lou Henfield 33:21.3
26 Danny Spell 33:53.3
27 Chris Rotchstein 37:15.8
28 Gary Lusin 37:39.8
29 Bob Palermo 39:31.2

M140-144
1 Larry Walker 21:27.0
2 Bob Keating 22:01.0
3 Nicholas Bdera 22:40.0
4 Gary Null 22:59.0
5 John Fredericks 23:12.0
6 Ed Boudin 23:36.0
7 Victor Sipes 24:21.0
8 Neal Schuster 24:30.0
9 Alan Price 24:33.0
10 Franco Pantoni 25:17.0
11 Gil Amezcua 25:19.4
12 Joe Cameron 25:48.0
13 George Lattarulo 25:58.0
14 Eugene Kitts 26:03.0
15 Rick Wadleigh 26:15.0
16 Ed Cardonick 26:22.0
17 Larry Naukaun 26:46.0
18 Stan Chrasminski 27:15.0
19 Ed Whiteman 27:32.0
20 Paul Alvord 27:37.0
21 Ned Stone 27:42.0
22 Joe Kay 27:48.0
23 Mike Lund 27:57.0
24 Ron Laird 28:06.0
25 Robert Hall 28:31.0
26 Richard Goldman 28:40.0
27 Dale Sutton 29:05.0
28 John Byzek 29:22.3
29 Bob Jennings 29:26.0
30 Love 29:27.0
31 Brian Gillies 29:33.0
32 Al Larson 30:03.0
33 Pete Sexton 30:24.0
34 Lyle Rich 30:25.0
35 Scott Bentley 30:34.0
36 Bobby Major 31:29.0
37 Charles Mansback 31:43.7
38 Bob Lubelski 32:13.0
39 Gary Stevens 32:20.0
40 McKenzie 33:04.0

41 Terrence Cousins 33:19.0
42 John Kroll 33:24.6
43 Howard Thompson 33:38.0
44 Walt Kelly 35:34.0
45 James Gilbert 36:22.0
46 Jerry Conner 38:12.0
47 Glenn Hunsaker 40:55.0
48 Bill Bernie 45:09.0
49 Abdiel Pagen-Sedi 48:05.0

M145-149
1 John Knifton 22:31.0
2 Ray McKinnis 23:50.1
3 John Elwarner 24:15.0
4 Jim Coots 24:32.0
5 Thomas Knatt 24:56.0
6 Jesus Orendain 25:22.0
7 Terry McHoskey 25:27.0
8 Tom Gustafson 25:29.0
9 Charles Marut 25:38.0
10 Dave Snyder 26:01.0
11 Sam Skinner 26:08.0
12 John Hanan 26:29.0
13 Don Culp 26:32.9
14 Gerald Patrick 26:41.0
15 Dan Stanek 26:45.1
16 Bernie Finch 26:46.1
17 Albert Cruzado 27:02.0
18 Art Fuldauer 27:11.0
19 Gary West 27:13.0
20 Dale Arthun 27:17.1
21 Richard Bales 27:30.0
22 Walter Lubzik 27:30.0
23 Robert Brzenk 27:47.7
24 Don Richmond 28:01.0
25 Nelson Fisher 28:09.0
26 Pat Bivona 28:28.6
27 Ralph Edwards 28:42.5
28 Larry Bazinett 28:50.0
29 Ron Daniel 28:55.0
30 Bob Brewer 29:05.0
31 Mike Scott 29:10.0
32 Jerry Newsome 29:12.0
33 Wayne Wurzbarger 29:15.0
34 Bill Halford 29:16.0
35 Rex Cleveland 29:33.3
36 Bill Farrell 29:35.0
37 Doug Brown 30:19.6
38 Gary Canner 30:21.0
39 Elwood Vetos 30:25.0
40 David Allardyce 32:15.0
41 Ed Mahar 32:16.0
42 Bill Coddington 32:30.2
43 Jay Caplen 32:54.0
44 Ed Porral 33:28.0
45 Jerry Wilson 35:56.1
46 Munson 37:52.0
47 Larry Farr 39:28.0
48 Richard Horton 48:38.9

M150-154
1 Charles Marut 25:26.0
2 Richard Ruquist 25:55.1
3 Gerald Bocci 26:24.5
4 Bob Meador 26:26.0
5 Richard Oliver 26:28.0
6 John Blackburn 26:33.0
7 Lee Duffner 27:08.0
8 Joel Nelson 27:21.1
9 Al Brumer 27:43.0
10 Bob DiCarlo 27:48.0
11 Clyde Hatfield 27:58.9
12 Carl Acosta 28:18.2
13 Carl Meador 28:30.0
14 Lee Miller 28:36.0
15 M. Coleman 29:24.0
16 John Hines 29:40.0
17 Gus Davis 29:58.0
18 Bob Koop 30:09.0
19 Greg Wittig 30:32.0
20 Ken Thompson 30:33.0

21 Elliot Denman 30:42.6
22 Joe Stefanowicz 30:45.0
23 Joel Holman 30:50.0
24 Dennis Lerner 31:09.0
25 Edward Harnan 31:11.0
26 Vilmaris Strautins 32:36.0
27 Ray Everson 32:50.0
28 Bob Hendrickson 32:51.0
29 Bob Hastings 32:52.0
30 Ray Thomas 33:09.0
31 Bernard Rubiano 33:17.0
32 Bill Saxton 33:28.0
33 Al Pike 34:19.0
34 Len Connor 34:31.0
35 Jorge Dorantes 35:50.3
36 Ted Dorsa 36:40.0
37 Mike Adams 37:38.0
38 Ray Woodland 37:39.0
39 Ed Feslenfeld 37:49.0

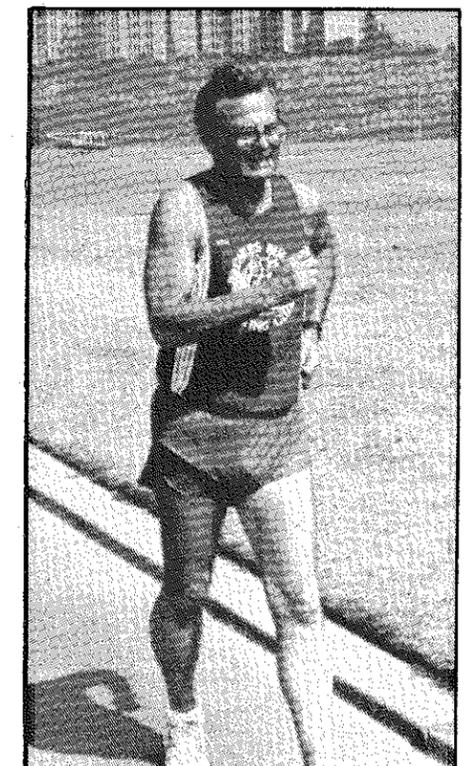
M155-159
1 Jack Bray 25:06.0
2 Max Green 25:21.0
3 Bob Fine 26:18.0
4 Jim Bryan 26:44.0
5 Tom White 26:45.0
6 R. Ted Greiner 26:57.0
7 John Kelly 27:01.0
8 Fred Dunn 27:04.0
9 Robert Craig 27:14.0
10 Stan Schechter 27:20.0
11 Glen Peterson 27:48.6
12 Paul Kaald 27:58.0
13 Bentley Lyon 28:14.0
14 Andrew Briggs 28:24.0
15 Howard Jacobson 28:43.0
16 Frank Fina 28:49.0
17 Gordon Seifert 28:51.0
18 Bob Moore 28:56.4
19 Wayne Nicoll 29:11.2
20 Moshe Meyerowitz 29:22.1
21 Al Havens 29:36.0
22 James Spitzer 29:39.0
23 John McLoughlin 29:45.0
24 Jack Ozment 30:04.0
25 Howard Ziegenhorn 30:22.6
26 Charles Bowyer 30:35.6
27 Leo Rivera 31:10.6
28 Howard Austin 31:16.0
29 Bob Crocker 31:20.0
30 Dick O'Haea 31:23.0
31 Rob Hendrickson 31:33.0
32 Thomas Rice 32:10.0
33 Joe Weston 32:15.0
34 Anthony Zamora 33:56.4
35 Ken Chomo 34:02.8
36 Dave Stroud 34:33.0
37 Norman Rasmussen 34:48.0
38 J. Gallaher 35:44.0
39 Tom Hodgins 35:55.0

21 Bernard Satkowski 33:35.0
22 John Snaden 33:44.8
23 John Trach 34:48.0
24 Charles Roberts 34:57.0
25 Arnold Unger 35:26.0
26 Bob Gardewing 35:30.0
27 Richard Charles 36:04.0
28 Jerome Kaufman 36:32.3
29 Jerry Mendleson 36:49.0
30 Sandy Crawford 36:58.5
31 D. Padel 40:19.0
32 Armand Beck 40:26.0
33 John Van Liere 40:52.0
34 Stuart Corning 41:42.1
35 Gordon Gaille 43:04.0

M165-169
1 Frank LaMorte 28:05.0
2 Wallace Cutler 29:38.0
3 George Heller 30:15.0
4 Newlie Hewson 30:16.0
5 Harold Wright 30:30.6
6 Gene Dix 31:04.0
7 Joe Vitucci 31:22.8
8 Tim Dyas 31:58.9
9 Chester Peters 32:05.1
10 Sid Wright 32:08.6
11 E.B. Lloyd 32:34.0
12 Arnie Hovin 33:25.0
13 Harwd. Benton 33:42.0

14 Max Peters 33:44.7
15 Jerry Gross 33:46.0
16 John Wrenn 33:48.2
17 Joe Burke 33:55.2
18 Paul Geyer 33:58.3
19 Vince Durkin 34:06.3
20 John Evans 34:49.1
21 Karlis Smiltens 34:57.6
22 Phil O'Connell 36:24.7
23 Ray McPeck 36:27.6
24 Ray Sherman 36:28.5
25 Fred Barrett 36:40.0
26 Bob Davidson 36:48.0
27 Frank Connolly 37:32.0
28 Herman Unger 40:25.0
29 Ted Berreth 41:07.2
30 David Rutter 48:27.0

M170-174
1 Don Johnson 31:58.6
2 Ed Seeger 32:42.0
3 Richard Stark 32:57.6
4 Don Larson 33:06.7
5 Erv Luchs 33:24.1
6 Jerry Wible 35:38.7
7 Hugh Yeomans 35:40.0
8 C. Langerfeld 35:53.0
9 J. Langerfeld 35:56.6
10 Jack Scott 36:55.0



Arnold Unger, M60, on his way to a 37:58.4 in the 5000 walk, Sport-Arcade Meet, Northridge, Calif; March 5. Photo by Jerry Wojcik

THE ALL-AMERICAN STANDARD OF EXCELLENCE FOR THE W60-64 5000 WALK IS 38:00.
THE ALL-AMERICAN CERTIFICATE APPLICATION IS ON THE INSIDE BACK COVER.

11 Tom Callahan 37:03.4
 12 Robert Mulliken 37:06.1
 13 Wayne Dexter 37:30.0
 14 Sol Tannenbrank 38:10.0
 15 Caldwell Nixon 38:18.0
 16 Mil Wood 38:41.0
 17 Reuben Anderson 39:20.0

M75-79
 1 John Hanna 34:11.0
 2 Harry Drazin 36:23.2
 3 Al Nellis 38:09.6
 4 Dick Donahue 42:22.7

M80-84
 1 Byron Pike 35:39.0
 2 Sam Goodless 36:20.0
 3 John Clarke 39:25.0
 4 Ches Unruh 40:00.0

W30-34
 1 Mary Howell 25:17.0
 2 Gyle Johnson 25:38.0
 3 Sue Klappa 25:40.0
 4 S. Frantz-Renshaw 25:49.0
 5 Susan Packard 25:51.0
 6 Kathy Donley 26:35.0
 7 Mary Baribeau 27:17.0
 8 Shirley Olgeirson 28:54.0
 9 Joan Smith 29:16.0
 10 D. Hairabedian 29:17.0
 11 Laura Cribbins 29:28.0
 12 Cindy Arbelide 29:36.0
 13 Kathy Schneider 30:23.0
 14 Debbie Stolz 30:37.0
 15 Pauline Stickels 31:47.0
 16 Olson 31:56.0
 17 K. Smith-Keller 32:02.0
 18 Diane Bergin 32:22.0
 19 Kathy Nelson 32:28.6
 20 Francie Lipp 33:14.0
 21 Coreen Howard 33:21.0
 22 Bonnie Stein 34:40.0
 23 Mary Egart 34:58.0
 24 Juliet Newsome 35:27.2
 25 Valerie Kendrick 35:50.0
 26 Karen Coburn 36:08.1
 27 Cathy Blevins 37:41.0
 28 Brenda Anderson 38:21.0
 29 Laurie Stanton 40:15.0
 30 Leann Pope 40:24.0
 31 Lynda Kaiser 40:26.0

W45-49
 1 Virginia Scales 28:09.0
 2 Jeanne Bocci 28:41.0
 3 Stella Cashman 28:49.0
 4 Roberta Boyle 29:02.0
 5 Lynne Marsh 29:27.0
 6 Briely Reybine 29:31.0
 7 Jaye Horowitz 30:41.3
 8 Jean MacInnes 32:50.0
 9 Espie Lassanyi 33:31.0
 10 Carlene Manion 33:58.0
 11 Joanna DeKeyser 34:08.0
 12 Doris Miller 34:17.0
 13 Helen Smith 35:12.0
 14 E. Rapisardi 35:37.5
 15 Verna Buchs 36:35.2
 16 Cathy Campbell 37:00.0
 17 Willie Mullican 37:20.1
 18 Malles 38:47.0
 19 Dorothy Read 38:53.0
 20 Susan Gunter 38:59.0
 21 Bev Lerner 40:52.0
 22 M. Anderson 43:28.7
 23 Ann McCowan 42:07.6
 24 Goldie Shapiro 42:17.0
 25 Eileen Burk 42:43.0
 26 Noel Rubinstein 43:34.0
 27 Nancy Delaney 43:59.0
 28 Josie Gaille 44:12.0
 29 Rachel Berman 45:46.0
 30 Mary Alice Rutter 47:11.0

W35-39
 1 Viisha Sedlak 26:00.9
 2 Susan Travellin 26:03.2
 3 Paula Kash 26:05.0
 4 Martha Iverson 26:15.0
 5 Barbara Hilger 28:00.0
 6 Mataji Graham 28:36.0
 7 Loraine Green 29:07.4
 8 Kathy Blackner 29:40.4
 9 Cathi Sullivan 30:32.0
 10 Diana Zaritz 32:35.0
 11 Rebecca Burns 32:55.3
 12 Tina Jillson 33:14.0
 13 Sissie Othick 33:20.0
 14 Kathy Anderson 34:32.0
 15 Vicki Lamb 34:46.5
 16 Coreen Howard 34:57.0
 17 Joan Sommer 35:20.0
 18 Anne Blair 35:52.0
 19 Mary Jo Lusin 36:36.7
 20 E.J. Butler 36:44.0
 21 Sally Odenbach 36:47.0
 22 Paula Schumacher 37:26.0
 23 Kathy Brown 39:57.0
 24 Linda Gaddy 42:40.0

W40-44
 1 Joan Nedelco 26:37.0
 2 Holly Roberts 28:31.0
 3 Donna Cunningham 29:27.0
 4 Jolene Steigerwalt 29:33.1
 5 Mariyn Morehead 30:04.0
 6 Linda Rosner 30:06.0
 7 Emily Hewitt 30:30.0
 8 Veda Roubideaux 31:13.5
 9 Donna Cetrulo 31:25.1

10 Lois Wells 31:34.0
 11 Henry 31:46.3
 12 Donna Kennedy 31:54.9
 13 Linda Kroesen 32:19.2
 14 Hope Kerr 32:42.0
 15 Ferne Zim 33:43.0
 16 P.G. Riamon 33:59.0
 17 Mary Alice Chester 34:01.0
 18 Donna Boecher 34:04.0
 19 Adrienne Halford 34:09.4
 20 Jutti Marsh 34:15.0
 21 Cheri Lewis 34:44.0
 22 Lois Anderson 34:50.3
 23 Mary Cannata 35:05.0
 24 Odette Bruneau 35:19.0
 25 Mary Allen 35:36.0
 26 Doreen London 35:49.0
 27 Ruth Everson 35:49.0
 28 Sharon Conwell 36:18.0
 29 Carole Langenbach 36:35.2
 30 Penny Bohac-Cardel 36:50.0
 31 Barb Kolwaski 37:00.0
 32 Mary Lee Meyer 37:32.0
 33 Marge Taggerty 37:49.3
 34 Carol Kay 37:52.0
 35 Linda Hostetter 38:06.0
 36 Rachel Thompson 39:10.0
 37 June Hastings 39:18.0
 38 Carrie Appino 39:26.0
 39 Madeleine Martin 39:26.0
 40 Diane Burke 39:29.0
 41 Andrea Sutton 39:39.1
 42 J.WoodwardHastings 39:54.0
 43 Nancy Harris 40:34.2
 44 Janet McNeely 42:03.0
 45 Myrtle Wilson 42:34.0
 46 Janice Stone 45:26.0
 47 Martha Breau 49:49.0

W55-59
 1 ElizabethPettersen 32:59.1
 2 Sandra Johnson 33:26.0
 3 Patricia Farrar 33:56.9
 4 Audrey Dix 34:11.0
 5 Helen Pearce 35:08.0
 6 Lilly Schmidmayer 38:23.0
 7 Marguerite Lindly 45:35.0

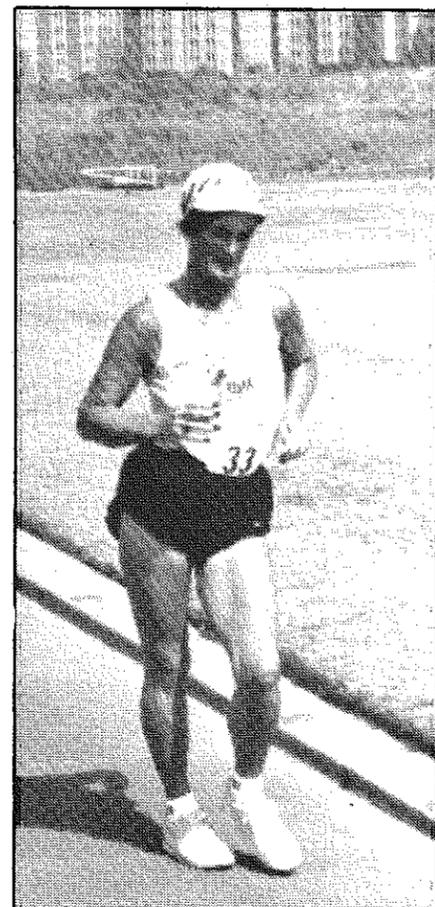
W50-54
 1 Bev LaVeck 27:46.0
 2 Jill Latham 29:00.0
 3 Barbara Hilger 29:36.0
 4 Sheila Smith 29:41.0
 5 Shirley Ingram 30:23.1
 6 Rhoda Green 30:47.0
 7 Alpha Bennett 31:08.0
 8 Joy Clingman 31:13.5
 9 Dolores Randazzo 31:51.3
 10 Pinto 31:56.0
 11 Shirley Lane 32:30.0
 12 A. Jong 33:13.0
 13 Shirley McCollum 34:27.0
 14 Lu Holwerda 34:55.0
 15 Aggie Courtney 35:07.0
 16 Joan Troy 35:10.0

17 Pat Willis 35:59.0
 18 Beverly Beaver 36:33.0
 19 Carolyn Peet 36:39.0
 20 Kate McCracken 36:57.2
 21 Sybil Gerughty 37:03.5
 22 V. McCready 39:12.0
 23 Joan Joesting 39:30.1
 24 Peggy Steckel 39:56.3
 25 Anne Bellenger 40:01.0
 26 Pat Boyd 40:02.0
 27 Nancy Featherstone 40:30.0
 28 Fran Kippes 40:52.0
 29 B. Williams 42:44.0
 30 Nancy Zuercher 44:10.0

W65-69
 1 LaVonneHottensmith 31:41.7
 2 Rose Kash 36:40.0
 3 Imogene Watkins 36:50.0
 4 Stella Anacker 38:57.0
 5 Olivia Newsome 39:40.0
 6 Marie Houchin 41:14.9
 7 Margaret McGee 43:40.0
 8 Dottie Schock 44:20.6
 9 Etta Hicks 54:07.4

W70-74
 1 Velma Jacobs 35:07.0
 2 Eleanor Miller 38:40.0
 3 Ruth Usatories 39:39.0
 4 Leona Cook 40:45.0
 5 Lois Mulliken 43:31.9
 6 Frances Fitch 45:04.5
 7 Mary Gorham 49:52.1
 8 Helen Galarneau 58:02.0

W80-84
 1 Marilla Salisbury 42:48.0



Jill Latham, W50, 5000 walk (30:27.7), Sport-Arcade Meet, Northridge, Calif., March 5.

Photo by Jerry Wojcik

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	94.5	103.3
800	2:32	2:35	2:40	2:46	2:54	3:03	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
3000	10:45	11:15	11:45	12:15	12:50	13:20	14:00	14:45	15:40	16:45	17:55
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	4-5 1/2	4-2	3-11	3-8	3-6 1/2	3-4 1/2	3-2 1/2	3-0 1/2	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	13-11 1/2	12-9 1/2	11-8	10-6	9-4 1/2	8-6 1/2	7-8 1/2	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
	29-7 1/2	28-3	26-8	25-0 1/2	23-5 1/2	22-8	20-5 1/2	18-10	16-5	13-11 1/2	13-1 1/2
Shot	10.30	9.30	8.40	7.70	7.95	7.20	6.50	5.80	5.25	4.70	4.25
	33-9 1/2	30-6 1/2	27-7	25-3 1/2	26-1	23-7 1/2	21-4	19-0 1/2	17-3	15-5	13-11 1/2
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	70-6 1/2	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	40.0	35.0	30.0	25.0	23.0	22.0	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
20Pwt.	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: 4kg; 40+: 3kg.
 4) Javelin: 30-49: 600g; 50+: 400g.
 5) Hammer: 30-49: 4kg; 40+: 3kg.
 6) Metric heights and distances are the standard; feet and inches listed for convenience.

APPLICATION FOR AN ALL-AMERICAN CERTIFICATE

NAME: _____ PHONE: _____
 ADDRESS: _____ AGE GROUP: _____
 SEX: M _____ F _____
 EVENT: _____ MARK: _____
 MEET: _____ WEIGHT OF IMPLEMENT: _____
 DATE OF MEET: _____ HURDLE HEIGHT: _____

MEET SITE: _____
 If you have bettered the standard of excellence, please send \$10.00 and this form to: All American, National Masters News, P.O. Box 2372, Van Nuys, CA 91404. (Enclose copy of results, or note in which issue they appeared.) A 3-color, 8 1/2 x 11 certificate, suitable for framing, will be mailed to you within two weeks.