MEN'S MASTERS INDOOR CHAMPIONSHIP MEET RECORDS

Running

50 yards	5.7	Larry Wilson(PHIL MASTERS)	New Haven,CT	3-13-77
50 yards	5.7	Clifton Bertrand(TRINIDAD,NYPC)	Medford,MA	3-14-76
60 yards	6.5	Ken Dennis(CORONA DEL MAR TC)	Boston,MA	3-27-82
60 yards	p6.45	Stan Whitley(Pomona,CA)	Madison,WI	3-28-87
300 yards	32.47	Stan Whitley(Pomona,CA)	Baton Rouge,LA	2-27-86
440 yards	57.1	Mathew Brown(Edison,NJ)	Hightstown,NJ	3- 2-75
600 yards	1:15.7	Glen Shane(NYPC)	Syracuse,NY	3-29-80
880 yards	2:07.1	William Krebs(NYPC)	Hightstown,NJ	3- 2-75
1000 yards	2:19.2	Ernest Billups(UCTC)	Ann Arbor,MI	3-18-79
1000 yards	p2:18.94	Russel Schneichel(CAN)	Madison,WI	3-28-87
one mile	4:25	Ernie Billups(UCTC)	Boston,MA	3-27-82
one mile	p4:18.65	Tracy Smith(Bishop,CA)	Madison,WI	3-28-87
two miles	9:30.90	Albin Swenson(Wolcott,CT)	Baton Rouge,LA	3-20-88
two miles	p9:29.50	Albin Swenson(Wolcott,CT)	Madison,WI	3-28-87

Hurdle Events

50 yard hurdles (39")	6.7	Clifton Bertrand(TRINIDAD,NYPC)	New Haven,CT	3-13-77
60 yard hurdles (39")	7.64	Lamar Miller(Ann Arbor,MI)	Baton Rouge,LA	2-23-86
60 meter hurdles (39")	8.15	Stan Druckrey(Milwaukee,WI)	Columbus,OH	4- 1-89

Running - Metric Distances

60 meters	6.97	Eddie Hart(Oakland,CA)	Madison,WI	3-24-90
200 meters	23.11	Stan Druckrey(Milwaukee,WI)	Madison,WI	3-25-90
400 meters	51.20	Lamar Miller(Ann Arbor,MI)	Columbus,OH	4- 1-89
800 meters	1:57.81	Ken Sparks(Chagrin Falls,OH)	Madison,WI	3-25-90
1500 meters	4:04.76	Nolan Smith(Pasadena,CA)	Madison,WI	3-24-90
3000 meters	8:50.8	Albin Swenson(Wolcott,CT)	Columbus,OH	4- 2-89

Race Walking

one mile	7:20.2	Jack Boitano(STRATFORD SPARTANS)	Hightstown,NJ	3- 2-75
two miles	14:13.8	Ron Kulik(NYAC)	Ann Arbor,MI	3-18-79
3000 meters	13:56.39	Gary Null(New York,NY)	Madison,WI	3-24-90

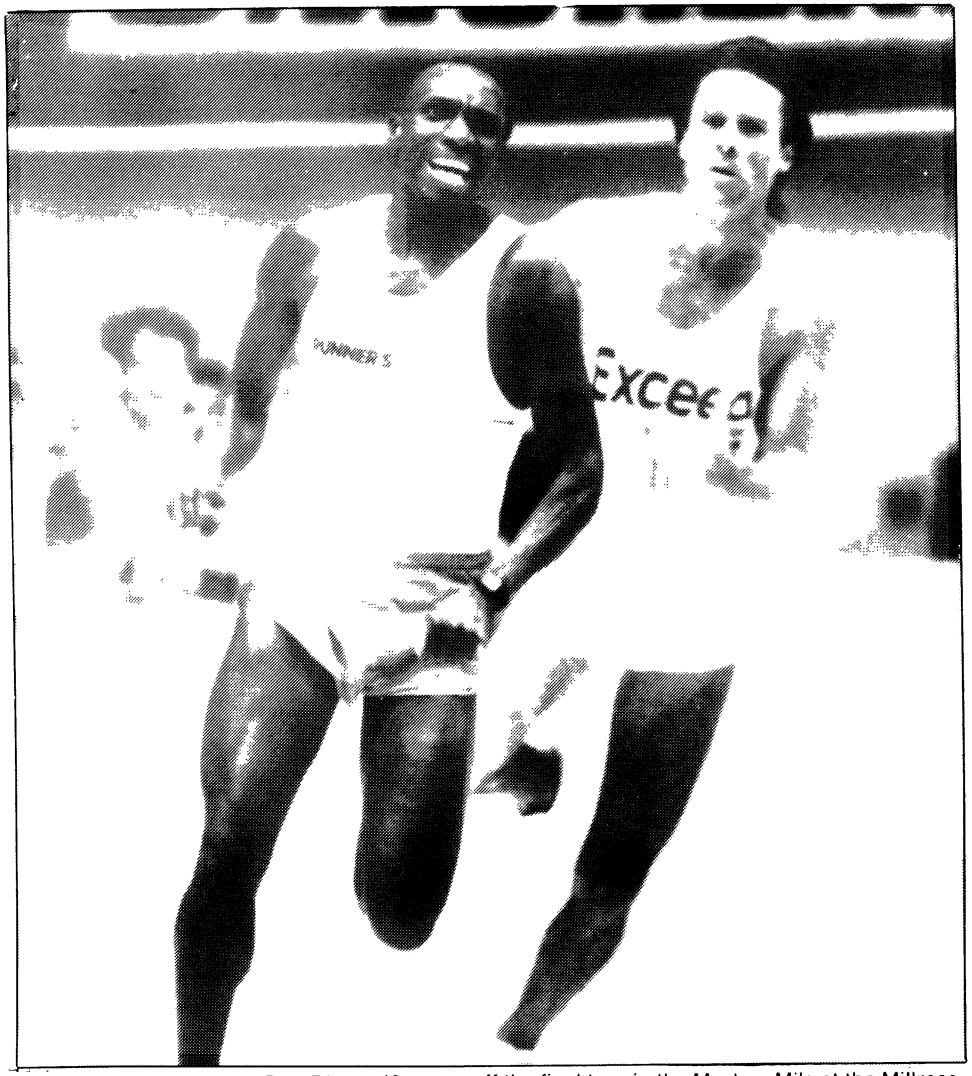
Field Events

high jump	6'7	John Hartfield(Houston,TX)	Baton Rouge,LA	2-23-86
pole vault	15'0	Waldzimierz Sokolowski(POL)	Ann Arbor,MI	2-28-81
long jump	23'1	Stan Whitley(Pomona,CA)	Baton Rouge,LA	2-22-86
triple jump	45'4 3/4	John Hartfield(Houston,TX)	Sterling,IL	3-30-85
shot put (16 pounds)	52'10 3/4	Ed Hill(AL)	Baton Rouge,LA	2-22-86
weight throw (35 pounds)	64'10 3/4	Al Hall(NYAC)	New Haven,CT	3-13-77

Relays

one mile (4X440)	3:52.4	NEW YORK PIONEER CLUB (Connor-Rizzo-Valentine-Zipper)	New Haven,CT	3-13-77
two mile (4X880)	8:30.0	NEW YORK PIONEER CLUB (Connelly-Krebs-Genovese-Zipper)	New Haven,CT	3-13-77
1600 (4X400)	3:33.3	NEW YORK PIONEER CLUB (Gaton-Small-Shane-O'Neal)	Syracuse,NY	3-29-80
3200 (4X800)	9:00.8	NEW YORK MASTERS CLUB (Fine-Bohigian-Krebs-Zipper)	Syracuse,NY	3-29-80
3200 (4X800)	p8:24.03	WEST VALLEY TRACK CLUB ( )	Madison,WI	3-28-87

MASTERS AGE RECORDS FOR 1990



Wilson Waigwa, 41, and Rod Dixon, 40, come off the final turn in the Masters Mile at the Millrose Games on February 1, 1991, in New York City. Waigwa's time of 4:13.05 bettered the existing world masters indoor mile record. Victah Sailer/Agence Shot

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MASTERS AGE RECORDS FOR 1990

(1991 EDITION)

World and U.S. age records for track & field — age 35 and above

Compiled by
Peter Mundle - men's records
Shirley Dietderich - women's records

Age records for race walking — age 40 and above

Compiled by
Alan Wood - U.S. men's records
Don Henry - U.S. women's records
Gordon Wallace - World men's records

Addresses:
Peter Mundle: 4017 Via Marina, #C301, Venice, CA 90291
Shirley Dietderich: 5 Arcade Ave., Berkeley, CA 94708
Alan Wood: Regency House, Room 254, Pompton Plains, NJ 07444
Don Henry: 24 Fairview Ave., Brick, NJ 08724
Gordon Wallace: 102 Aztec St., Prescott, AZ 86301

Masters Age Records 1990 has the blessing of The Athletics Congress (TAC) Masters Track & Field Committee, Barbara Kousky, Chairman. This book was published with the help of the National Masters News and Nolan Fowler (compiler of the weight throws).

A special thanks to the former publisher of **Masters Age Records,** Track & Field News, for their introduction of this publication and their support of the masters program through it.

These pages contain the known world and U.S. records in every standard track and field event, age 35 and above, as of October 31, 1990. If an American does not hold the world record, the American record is listed below the world record.

Changes: Other than marks using the 16 pound implement, the men's shot put and hammer throw marks for age 50 and above now include only marks using 6, 5 and 4 kilogram implements. Marks using 12 or 8 pound implements have been replaced.

Information, from left to right: age, performance, athlete's name and residence (or country of origin), and date of meet.

key to abbreviations: n = noteworthy racewalk mark, h = heat, m = metric event, i = indoor mark, dec = mark made in decathlon, pen = mark made in pentathlon, w = wind-assisted mark, y = track mark made at imperial distance (yards, feet or miles), p = pending verification of date of birth, wind velocity, etc.

MEN'S TRACK & FIELD

100 YARD DASH

35	09.6	Clifton Bertrand(TRI)	8- -71
	10.1	Kenneth Dennis(CA)	4- 7-73
	10.1	Maurice McDonald(NC)	4- 3-76
	10.1	Bob Warren(IA)	8-25-73
36	09.6	Clifton Bertrand(TRI)	6- 8-72
	9.9	Lamar Miller(MI)	6-19-82
37	09.7	Walt Butler(CA)	6-11-78
38	09.9	Walt Butler(CA)	6- 2-79
	09.9	Percy Knox(CA)	6-28-72
39	09.9	Dean Smith(CA)	7-21-71
	09.9	Robert Thomas(NY)	6-15-72
40	09.9	Percy Knox(CA)	8- 1-74
	09.9	Robert Thomas(NY)	6-16-73
	09.9	Jim Weaver(TX)	6-17-76
	w09.8	Percy Knox(CA)	7-25-74
41	09.8	Percy Knox(CA)	7-11-75
42	09.8	Thane Baker(TX)	7-13-74
43	10.1	Percy Knox(CA)	12- 3-76
	10.1	Clifton Bertrand(TRI)	4- -79
44	10.0	Percy Knox(CA)	7-11-78
45	10.3	Thane Baker(TX)	7-23-77
	10.3h	Richard Stolpe(NB)	7- 2-70
	w10.1	Percy Knox(CA)	4-14-79
46	10.0	Thane Baker(TX)	5-27-78
47	10.5	Matt Brown(NJ)	6-20-81
48	10.5	Jack Greenwood(KS)	7-13-74
	10.5	Edmund Schuler(FL)	6- 5-76
49	10.5	Edmund Schuler(FL)	2-19-77
50	10.5	Alphonse Juilland(CA)	8-18-73
51	10.5	Edmund Schuler(FL)	7-28-78
52	10.6	Rudolph Valentine(NY)	4- 3-76
53	10.8	Edmund Schuler(FL)	6-28-80
	w10.8	Robert McDonald(CA)	4-23-72
54	10.8	Alfred Guidet(CA)	8- 5-72
55	10.7	Charles Beaudry(TX)	8-10-74
	10.7	Alfred Guidet(CA)	7-14-73
	10.7	Payton Jordan(CA)	3-25-72
56	10.7	Payton Jordan(CA)	5-26-73
	w10.5	Alfred Guidet(CA)	6- 1-74
57	10.7	Payton Jordan(CA)	4-27-74
58	10.8	Payton Jordan(CA)	5-22-75
59	10.8	Payton Jordan(CA)	5- 8-76
60	11.1	Charles Beaudry(TX)	4-21-79
	11.1	Payton Jordan(CA)	5-21-77
61	10.9	Payton Jordan(CA)	5- 6-78
62	10.9	Payton Jordan(CA)	5- 5-79
63	11.2	Payton Jordan(CA)	3-22-80
64	10.9	Payton Jordan(CA)	2- 6-82
65	12.1	Harry Koppel(CA)	3- -79
	w12.1	Ken Carnine(CA)	6-17-73
66	12.1	Harry Koppel(CA)	7-19-79
67	12.1	Harry Koppel(CA)	1-24-81
	w12.0	Harry Koppel(CA)	3-14-81
68	12.1	Harry Koppel(CA)	7-16-81
69	12.5	Ken Carnine(CA)	4- -77
	p12.3	Harry Koppel(CA)	- -82
70	12.8	Gilberto Gonzalez(PUR)	4- 7-84
	13.6	Sing Lum(CA)	4-19-75
	w12.4	Harry Koppel(CA)	12-14-83
	w13.1	Sing Lum(CA)	6- 7-75
71	12.8	Gilberto Gonzalez(PUR)	4-20-85
	13.5	Barry Ivers(ME)	6-30-82
	w13.2	Barry Ivers(ME)	4- 3-82
	w13.5	Sing Lum(CA)	6-12-76
72	12.9	Gilberto Gonzalez(PUR)	5-29-86
	13.4	Barry Ivers(ME)	8- 6-83
	w12.7	Gilberto Gonzalez(PUR)	11- 2-85
73	13.6	Lamar Jackson(CA)	6- 3-79
74	13.7	Josiah Packard(CA)	4-30-78
	w13.3	Jeff Bloomfield(TX)	6-16-90
	w13.4	Lamar Jackson(CA)	5-17-80
75	13.4	Herbert Anderson(CO)	10- 1-77
76	14.3	Lamar Jackson(CA)	5- 1-82
77	14.6	Lamar Jackson(CA)	5- 7-83
	p14.4	Leslie Thomas(OH)	10-25-88
78	14.3	Herbert Anderson(CO)	7-26-80
79	14.1	Herbert Anderson(CO)	7-25-81
	p13.2	Duncan McClean(GBR)	- -64
80	14.5	A. E. Pitcher(IN)	9-10-82
	w14.4	Josiah Packard(CA)	5- 5-84
81	14.7	A. E. Pitcher(IN)	9- 9-83
82	15.3	Herbert Anderson(CO)	7-28-84
83	15.9	A. E. Pitcher(IN)	5-10-85
	w15.6	A. E. Pitcher(IN)	11- 2-85
84	16.0	A. E. Pitcher(IN)	6-15-86
85	17.4	Konrad Boas(NY)	10-25-88
86	18.8	A. E. Pitcher(IN)	9-25-88
87	22.2	Harry Jackson(PA)	8-13-83
	w18.5	Herbert Anderson(CO)	7-14-90
88	17.1	Duncan McClean(GBR)	7-14-73
90	19.6	Buell Crane(ID)	5-26-90

100 METERS

35	10.28	Alan Wells(GBR)	6- 1-87
	10.3	Ruben Whitney(TX)	6-14-80
	10.3	Edward Jefferis(RSA)	11-24-71
	10.3	Ron Jones(GBR)	8-26-69
36	10.37	Delano Meriwether(US)	4-28-79
	10.4	Rafael Fortun(CUB)	6-30-56
	w10.2	William Collins(TX)	6-28-87
37	10.5	Walt Butler(CA)	6-17-78
	10.5	B. Green(GBR)	6- 3-78
38	10.6h	Edward Jefferis(RSA)	11-23-74
	10.6	Jose Sanchez(SPA)	4-26-81
	10.6	Karl Schroder(GFR)	5-21-77
	10.71	Clarence Ray(US)	6-12-83
	10.8	Walt Butler(CA)	6-23-79
	10.8	Kenneth Dennis(CA)	6-28-75
	10.8	Tom Randolph(MI)	6-14-80
39	10.5h	David James(US)	6-30-74
40	10.6	Eddie Hart(CA)	9-16-89
	w10.3	Eddie Hart(CA)	10- 7-89
	w10.6	Leon Hacker(RSA)	6-30-79
41	10.7	Eddie Hart(CA)	4-23-90
42	10.8	Manuel Ulacio(VEN)	9- 3-82
	11.05	Stan Whitley(CA)	8- 6-88
	11.1	Thane Baker(TX)	7- 6-74
	11.1	Kenneth Dennis(CA)	4-12-80
	11.1	Vandolph Parish(CA)	6-26-76
	w11.0	John Hartfield(TX)	6-28-87
	w11.0	Robert Thomas(NY)	8- 8-75
43	10.8	Thaddeus Bell(SC)	6- 6-87
	w10.8	Walt Butler(CA)	4-28-84
	w10.8	Gary Oliphant(KS)	7-21-84
44	11.0	Percy Knox(CA)	1-20-78
	w10.9	Ron Taylor(GBR)	6-11-78
45	11.1	Walt Butler(CA)	5-31-86
	11.1	George Rhoden(JAM)	6-17-72
	w11.1	Walt Butler(CA)	7- 5-86
46	11.05	Kenneth Dennis(CA)	9-17-83
	w10.92h	Kenneth Dennis(CA)	9-23-83
47	11.0	Percy Knox(CA)	12-13-80
48	11.0	Thane Baker(TX)	6-14-80
49	11.3	Peter Mirkes(GFR)	6-26-77
	11.4	Robert Miller(WA)	6-21-86
	w11.3h	Jack Greenwood(KS)	8-13-75
50	11.2	Kenneth Dennis(CA)	7-18-87
	w11.03	Kenneth Dennis(CA)	8-15-87
51	11.40	Thane Baker(TX)	9-24-83
	11.4	Hugo Hartenstein(CO)	5-24-86
	w11.24	Reginald Austin(AUS)	11-29-87
52	11.3	Thane Baker(TX)	6-23-84
	w10.99	Thane Baker(TX)	6- 5-84
	w11.2	Kenneth Dennis(CA)	6-18-89
53	11.5	Thane Baker(TX)	8- 3-85
	11.50	Bert Lancaster(PA)	9-19-81
	w11.4	Milton Newton(CA)	3-28-87
54	11.5	Thane Baker(TX)	5-24-86
55	11.6	Payton Jordan(CA)	4- 1-72
56	11.6	Alfred Guidet(CA)	6-22-74
	11.6	Payton Jordan(CA)	6-23-73
	w11.5	Bernard Hogan(AUS)	12-18-76
57	11.6	Payton Jordan(CA)	6-22-74
58	11.9	Payton Jordan(CA)	4-27-75
59	11.7	Payton Jordan(CA)	3-20-76
60	12.0	Payton Jordan(CA)	6-25-77
	w12.00	Peter Mirkes(GFR)	11-29-87
61	11.8	Payton Jordan(CA)	5-27-78
62	12.3	Payton Jordan(CA)	4-22-79
	12.3h	Fritz Assmy(GFR)	8- 8-77
	12.3	Colin Fairey(GBR)	9-10-78
63	12.0	Payton Jordan(CA)	5-31-80
64	12.3	Payton Jordan(CA)	5-30-81
	w12.0	Payton Jordan(CA)	6-20-81
65	12.5	Bernard Hogan(AUS)	11-30-85
	12.60	Payton Jordan(CA)	4-25-82
66	12.56	Payton Jordan(CA)	5-21-83
	w12.4	Payton Jordan(CA)	8-21-83
	w12.4	Yngve Brange(SWE)	5- 9-79
67	13.0	Payton Jordan(CA)	4-28-84
68	13.2	William Weinacht(OH)	6- 8-85
	13.2	Yngve Brange(SWE)	8- 8-81
	p13.0	Payton Jordan(CA)	- -85
	w12.73h	Fritz Assmy(GFR)	9-23-83
	w12.9	Harry Koppel(CA)	5-30-81
	w13.0	Tim Murphy(TX)	6- 9-90
69	13.0	Gilberto Gonzalez(PUR)	7- 4-82
	13.1	Harry Koppel(CA)	6-12-82
	w12.88	Fritz Assmy(GFR)	8-21-84
	w13.0	Harry Koppel(CA)	8-14-82
70	13.0	Payton Jordan(CA)	4-25-87
	w12.72	Payton Jordan(CA)	11-29-87
71	13.09	Payton Jordan(CA)	5-28-88
	w13.0	Payton Jordan(CA)	4-30-88
72	13.1	Payton Jordan(CA)	4-29-89
	w13.0	Payton Jordan(CA)	6-18-89
73	13.47	Payton Jordan(CA)	5- 5-90
	w13.15	Fritz Assmy(FRG)	7-29-88
	w13.4	Frederick Reid(RSA)	10-16-82
74	13.98	Frederick Reid(RSA)	9-24-83
	14.2dec	Herbert Anderson(CO)	5-28-77
	14.2	Anthony Castro(CA)	4-28-84
	w13.80h	Frederick Reid(RSA)	9-23-83
	w13.88h	Anthony Castro(CA)	9-23-83
75	14.06h	Fritz Assmy(FRG)	6-30-90
	14.3	Josiah Packard(CA)	6-23-79
76	14.3	Anthony Castro(CA)	6-28-86
	w14.0	Anthony Castro(CA)	8- 2-86
77	14.9	Harry Gathercole(AUS)	4- 5-85
	15.0	Anthony Castro(CA)	6-20-87
	w14.8	Anthony Castro(CA)	5-23-87
	w14.9	Anthony Castro(CA)	5-30-87
78	14.9	Anthony Castro(CA)	10- 3-87
	w14.47	Anthony Castro(CA)	11-29-87
	w14.70	Anthony Castro(CA)	8-15-87
79	15.7	Josiah Packard(CA)	10- 1-83
80	15.4	Josiah Packard(CA)	2-25-84
	w15.0	Josiah Packard(CA)	4-28-84
81	15.7	Harry Gathercole(AUS)	3-24-89
	16.52	Byron Fike(OH)	7-30-89
	16.59	Herbert Anderson(CO)	9-17-83
	16.6	A. E. Pitcher(IN)	6- 1-83
82	15.63	Harry Gathercole(AUS)	7-30-89
	16.5	Byron Fike(OH)	6-23-90
	w16.0	Byron Fike(OH)	4-27-90
83	16.47	Gulab Singh(IND)	7-30-89
	16.94	A. E. Pitcher(IN)	5-25-85
	w16.7	A. E. Pitcher(IN)	9-14-85
84	17.4	A. E. Pitcher(IN)	6-21-86
	w17.2	A. E. Pitcher(IN)	8-10-86
85	16.98	Charles Booth(AUS)	7-30-89
	18.70	Herbert Anderson(CO)	12- 5-87
	18.7	Buell Crane(ID)	7-26-85
86	18.91	Konrad Boas(NY)	7-30-89
	18.94	Herbert Anderson(CO)	8- 6-88
87	19.3	Duncan McClean(GBR)	8-25-72
	19.43dec	A. E. Pitcher(IN)	6-17-89
88	16.3	Duncan McClean(GBR)	7- 6-73
	21.7	Harry Jackson(PA)	7-28-84
	w20.14	Herbert Anderson(CO)	8- 3-90
	w20.5	A. E. Pitcher(IN)	5-17-90
89	16.5	Duncan McClean(GBR)	6- -74
90	19.9	Duncan McClean(GBR)	6-14-75
	23.4	Herb Kirk(MT)	8-16-86
	w20.35	Buell Crane(ID)	6-23-90
91	w31.63	Paul Spangler(CA)	8- 3-90
92	20.67	Jing-chan Wang(TAI)	12- 5-87
93	23.15	Jing-chan Wang(TAI)	7-30-89
	24.7	Herb Kirk(MT)	8-11-89
94	30.5	Newton Barrett(IL)	6- 3-85
95	39.00	Prithvi Singh Azad(IND)	12- 5-87
	p54.7	Mr. Tou(US)	7-24-82

200 METERS

35	20.68	Pietro Mennea(ITA)	9-26-87
	20.8	Delano Meriwether(US)	6- 9-78
36	21.6y	Clifton Bertrand(TRI)	6- 8-72
	21.7	Eugene Driver(CA)	6-28-86
	w21.62	William Collins(TX)	8-16-87
37	20.62	Don Quarrie(JAM)	6-18-88
	21.4	Eugene Driver(CA)	6-20-87
38	21.3	Edward Jefferis(RSA)	2-28-74
	22.0	Lamar Miller(MI)	9-18-83
	w20.6	Reginald Austin(AUS)	8- 9-75
39	21.2	Edward Jefferis(RSA)	1-24-76
	21.8	William Collins(TX)	7-14-90
40	21.9	Reginald Austin(AUS)	8-10-77
	22.3	Dean Smith(CA)	7- 2-72
	22.4y	Jim Weaver(TX)	8-22-76
	w21.74	Eddie Hart(CA)	8- 3-89
	w22.0	Stan Whitley(CA)	7- 5-86
41	21.9	Eddie Hart(CA)	4-28-90
42	21.8	Manuel Ulacio(VEN)	9- 4-82
	22.3y	Thane Baker(TX)	7-13-74
	22.20	Stan Whitley(CA)	8- 7-88
43	22.3	James Burnett(PA)	9-18-83
44	22.4	Clifton Bertrand(TRI)	7-17-80
	22.9	Milton Newton(CA)	5- 6-78
	22.9	Lloyd Riddick(NY)	6-23-79
	w22.29	Clarence Ray(MI)	8- 3-89
	w22.78	Frank Little(CA)	8-16-87
45	22.3	George Rhoden(JAM)	7- 2-72
	22.9	Richard Stolpe(NB)	6-20-70
	w22.87	James Burnett(IL)	6- 8-85
46	22.4	Reginald Austin(AUS)	9-18-83
	22.9	Milton Newton(CA)	6-22-80
	w22.72	Bill Knocke(CA)	10-11-86
47	22.6	Reginald Austin(AUS)	4-21-84
	23.3	Roy Turner(TX)	8- 1-87
	w23.1	Roy Turner(TX)	8-16-87
48	23.1	Martyn Adamson(CA)	7-18-87
	p23.1h	Rocky McPherson(GUY)	8- 9-77
49	23.37	Charles Williams(GBR)	8- 6-80
	23.6	Alphonse Juilland(CA)	6- 4-72
	w22.14	Reginald Austin(AUS)	10- 4-86
	w23.2	Jack Greenwood(KS)	8- 9-75
50	22.9	Kenneth Dennis(CA)	7-18-87
51	23.15	Ron Taylor(GBR)	6-26-85
	23.46	Thane Baker(TX)	9-26-83
	23.48	Hugo Hartenstein(CO)	8-31-86
	23.5	Bruce Springbett(CA)	5-12-84
	w22.8	Kenneth Dennis(CA)	2-11-89
52	22.91	Ron Taylor(GBR)	7-31-86
	23.4	Kenneth Dennis(CA)	6-18-89
	w22.88	Reginald Austin(AUS)	8- 3-89
	w23.0	Ovidio De Jesus(PUR)	11- 9-85
53	23.8	Bert Lancaster(PA)	8-16-81
	w23.4	Milton Newton(CA)	7-11-87
	w23.65	Bert Lancaster(PA)	9-19-81
54	23.6	Payton Jordan(CA)	2-19-72
55	23.6	Alfred Guidet(CA)	6-24-73
	w23.03	Ron Taylor(GBR)	8- 3-89
56	23.37	Ron Taylor(GBR)	6-30-90
	24.2y	Charles Beaudry(TX)	8- 3-75
	24.2Y	Payton Jordan(CA)	3-24-73
57	24.3y	Alfred Guidet(CA)	7-26-75
58	24.92	Bernard Hogan(AUS)	7-31-79
	25.31	Robert Watanabe(CA)	5-19-84
59	24.82	Bernard Hogan(AUS)	3-22-80
	25.0	Rudolph Valentine(NY)	6-25-83
60	24.9	Payton Jordan(CA)	6-19-77
	w24.71	Peter Mirkes(FRG)	6-25-88
61	25.0	Payton Jordan(CA)	5-27-78

62	25.90h	Bernard Hogan(AUS)	9-25-83
	26.27	John Alexander(TX)	6-19-82
	26.3	Robert Watanabe(CA)	6-11-88
	w25.9	Fritiof Sjostrand(SWE)	8- 9-75
63	25.8	James Law(NC)	6-17-89
	w25.41	James Law(NC)	8- 3-89
64	25.5	Payton Jordan(CA)	4-26-81
	w25.3	Payton Jordan(CA)	5-30-81
65	25.6	Bernard Hogan(AUS)	12- 6-85
	26.1	Payton Jordan(CA)	6-12-82
66	26.29	Payton Jordan(CA)	5-21-83
	w26.10h	Payton Jordan(CA)	9-25-83
67	26.45	Fritz Assmy(GFR)	7-15-82
	27.05	Payton Jordan(CA)	4-14-84
68	27.3	Yngve Brange(SWE)	8-31-81
	27.4	Harry Koppel(CA)	6-21-81
	w26.20h	Fritz Assmy(GFR)	9-25-83
69	26.7	Harry Koppel(CA)	6-12-82
70	26.8	Payton Jordan(CA)	6-20-87
71	27.3	Payton Jordan(CA)	4-30-88
72	27.3	Payton Jordan(CA)	6-18-89
	w27.09	Payton Jordan(CA)	8- 3-89
73	28.29	Fritz Assmy(FRG)	7-30-88
	29.2	Josiah Packard(CA)	8-10-77
	w28.1	Frederick Reid(RSA)	10-16-82
	w29.0	Josiah Packard(CA)	6-26-77
74	29.17	Frederick Reid(RSA)	9-18-83
	29.54	Anthony Castro(CA)	9-26-83
	w29.30h	Anthony Castro(CA)	9-25-83
	w28.8	Gilberto Gonzalez(PUR)	- -87
75	28.60	Fritz Assmy(FRG)	6-30-90
	29.5	Josiah Packard(CA)	6-24-79
76	30.6	Anthony Castro(CA)	6-28-86
77	31.5	Anthony Castro(CA)	6-20-87
	w30.1	Anthony Castro(CA)	8- 3-86
78	31.1	Anthony Castro(CA)	3- 5-88
	w30.0	Anthony Castro(CA)	10- 3-87
79	32.8i	Barry Ivers(ME)	1-14-90
80	32.3	Josiah Packard(CA)	2-18-84
	w32.14	Harry Gathercole(AUS)	11-29-87
81	32.8	Harry Gathercole(AUS)	3-24-89
	35.13	Herbert Anderson(CO)	9-26-83
	w33.4	Harold Chapson(HI)	10-16-83
82	33.95	Harry Gathercole(AUS)	7-22-89
	36.36	A. E. Pitcher(IN)	6-16-84
	p36.1	A. E. Pitcher(IN)	- -84
	w32.32	Harry Gathercole(AUS)	8- 3-89
	w36.07	Byron Fike(OH)	8- 4-90
83	36.28	A. E. Pitcher(IN)	5-25-85
84	37.5	A. E. Pitcher(IN)	5-29-86
85	29.3	Charles Booth(AUS)	3-19-89
	40.36	Konrad Boas(NY)	8-28-88
	w38.3	Konrad Boas(NY)	8- 7-88
	w38.76	Herbert Anderson(CO)	11-29-87
86	40.29	Konrad Boas(NY)	8- 3-89
87	41.1	Duncan McClean(GBR)	8-24-72
	42.43	A. E. Pitcher(IN)	8- 3-89
88	44.84i	A. E. Pitcher(IN)	4- 3-90
89	44.8	Duncan McClean(GBR)	6-30-74
	52.2	Herb Kirk(MT)	8- 9-85
90	45.75	Buell Crane(ID)	6-23-90
91	51.5	Duncan McClean(GBR)	6-12-76
	61.7	Paul Spangler(CA)	6-23-90
92	w48.70	Jing-chan Wang(TAI)	11-29-87
93	52.21	Jing-chan Wang(TAI)	8- 3-89
	52.33	Herb Kirk(MT)	8- 3-89
95	w99.59	Prithvi Singh Azad(IND)	11-29-87

400 METERS

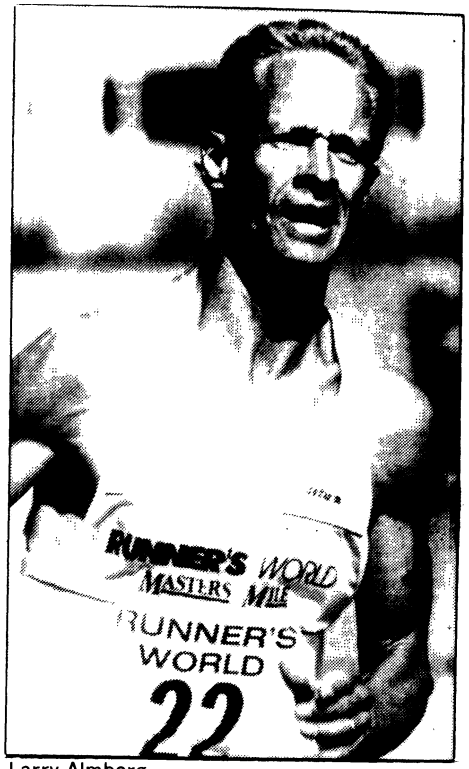
35	46.38	James King(CA)	5-25-84
36	48.2	Johannes Cyrus(RSA)	12-21-68
	48.5	Lee Evans(CA)	8-21-83
37	48.6	Ron Taylor(GBR)	8-22-71
	49.82	Eugene Driver(CA)	8-15-87
	p49.90	James Vicks(TX)	8-20-83
38	49.0	Manfred Garbisch(GFR)	7-13-72
	49.2	Matt Pruitt(US)	8-21-83
	p48.51	Hagues Roger(FRA)	- -79
39	48.0	Hagues Roger(FRA)	6- 1-80
	50.2	Clarence Ray(US)	6-24-84
40	48.44	James King(CA)	8- 5-89
41	47.87	Manuel Ulacio(VEN)	11-14-81
	49.36	James Burnett(PA)	8-15-81
42	48.8	Hagues Roger(FRA)	5-29-83
	49.2	Stan Whitley(CA)	5-28-88
43	48.4	Hagues Roger(FRA)	5-27-84
	48.87	Stan Whitley(CA)	8- 5-89
44	48.7	Hagues Roger(FRA)	5-19-85
	50.07	Stan Whitley(CA)	8- 3-90
45	50.46	James Burnett(IL)	6-29-85
	50.46	Hanno Rheineck(GFR)	12- 5-87
46	50.60	Harold Morioka(CAN)	8- 5-89
	51.0	Milton Newton(CA)	7- 5-80
47	50.98	Guido Mueller(GFR)	7-30-86
	51.2	Roy Turner(TX)	8- 1-87
48	50.95	Guido Mueller(GFR)	12- 5-87
	52.1	Larry Colbert(MD)	7-28-85
49	51.44	Guido Mueller(FRG)	6-25-88
	52.0	Jack Greenwood(KS)	8- 8-75
50	52.24	Ingo Vierk(GFR)	6-29-85
	52.28	Peter Higgins(GBR)	8- 1-79
	52.79	Larry Colbert(MD)	12- 5-87
51	51.81	Reginald Austin(AUS)	12- 5-87
	52.9	Jack Greenwood(KS)	8-10-77
52	51.8	Ron Taylor(GBR)	9-27-86
	52.86	Larry Colbert(MD)	8- 5-89
53	53.52	Jack Greenwood(KS)	8- 1-79
54	54.16	Berthold Neumann(GFR)	8-25-85
	54.5	Rudolph Valentine(NY)	7- 8-78
55	53.81	Berthold Neumann(GFR)	9- 6-86
	54.56	Rudolph Valentine(NY)	6- 9-79
56	54.49	Berthold Neumann(GFR)	12- 5-87
	56.57	Charles Beaudry(TX)	8- 3-75
57	53.98	Charles Williams(GBR)	12- 5-87
	54.0	Peter Higgins(GBR)	9-20-86
	55.7	Jack Greenwood(KS)	9-17-83
58	52.6	Ralph Romain(TRI)	7-22-90
	58.3y	Ray Gordon(DC)	7-11-76
59	55.2	Rudolph Valentine(NY)	5- 7-83
60	55.24	Peter Mirkes(FRG)	8-28-88
	57.65	Jack Greenwood(KS)	7-20-86
61	58.31	Stanley Brooks(GBR)	6-25-88
	58.33	Rudolph Valentine(NY)	6-29-85
	58.4	John Alexander(TX)	6-27-81
62	59.1	Glenn Bradd(IL)	9-28-86
63	57.64	Jack Greenwood(CO)	8- 5-89
64	59.03	James Law(NC)	8- 3-90
65	61.1y	Jay Sponseller(FL)	4-16-83
66	61.29	Tom Hishon(AUS)	8- 5-89
	62.02	Ray Gordon(VA)	6-16-84
67	61.4	John Alexander(TX)	5-16-87
68	62.81h	Fritz Assmy(GFR)	9-28-83
	63.19	John Alexander(TX)	8- 6-88
69	62.41	John Alexander(TX)	8- 5-89
70	62.2	John Alexander(TX)	9-24-89
71	64.85h	Fritz Assmy(GFR)	7-29-86
	66.11	William Weinacht(OH)	4-30-88
72	66.02	Payton Jordan(CA)	8- 5-89
73	64.6	Josiah Packard(CA)	8-10-77
74	68.9	Harold Chapson(HI)	7- 2-77
75	68.24	Fritz Assmy(FRG)	6-30-90
	68.5	Josiah Packard(CA)	6-23-79
76	71.5	Harold Chapson(HI)	4-13-79
77	73.18	Harold Chapson(HI)	8- 1-79
78	72.26	Harold Chapson(HI)	1-13-81
79	74.10	Harold Chapson(HI)	8-15-81
80	75.4	Harold Chapson(HI)	7- 9-83
81	75.6	Harold Chapson(HI)	7-16-83
82	79.10	Harry Gathercole(AUS)	8- 5-89
	79.7	Harold Chapson(HI)	7-14-84
83	88.0	Harold Chapson(HI)	12-14-85
84	2:08.8y	Fred Keiser(PA)	6-29-84
85	91.54	Longino Perez(MEX)	12- 5-87
	1:43.74	Herbert Anderson(CO)	12- 5-87
86	95.15	Konrad Boas(NY)	8- 5-89
87	1:42.2	Josef Galia(GFR)	9- 4-85
	1:49.38	A. E. Pitcher(IN)	7- 8-89
88	1:58.6	Paul Spangler(CA)	7-18-87
89	1:56.67	Bill Empey(AUS)	6-29-85
90	2:00.2	Paul Spangler(CA)	9-16-89
91	2:13.89	Paul Spangler(CA)	8- 3-90
92	2:11.05	Jing-chan Wang(TAI)	12- 5-87
93	2:30.02	Jing-chan Wang(TAI)	8- 5-89
	2:41.9	Herb Kirk(MT)	8-11-89

800 METERS

35	1:49.2y	George Scott(NZL)	5-12-72
	1:53.8	Ramsey Thomas(MD)	5-12-79
36	1:52.4	Kurt Schmittenheim(GFR)	7- 3-77
	1:55.8	Lee Evans(CA)	8-21-83
37	1:51.4	Kurt Schmittenheim(GFR)	7- 2-78
	1:52.1	Ralph Lee(CA)	5-13-79
38	1:52.8	Michel Bernard(FRA)	7-26-70
	1:56.1	John Perry(CA)	7-10-82
39	1:55.1	Barry Adams(CAN)	8- 6-81
	1:56.78	Duane Green(VA)	6-16-90
40	1:53.3	Peter Browne(GBR)	8-19-89
	1:53.3	Noel Carroll(GBR)	6-23-82
	1:53.99	Nolan Smith(CA)	5-12-90
41	1:51.25	Peter Browne(GBR)	6-11-90
	1:55.7	George Cohen(CA)	8-15-81
42	1:55.84	Ron Bell(GBR)	8- 1-89
	1:56.0	Ernest Billups(IL)	7- 7-79
	p1:55.5	David Romain(TRI)	- -84
43	1:55.7	Ernest Billups(IL)	8-16-80
44	1:56.1	Ernest Billups(IL)	8- 8-81
45	1:57.73	George Cohen(CA)	8-23-85
	p1:57.4	Klaus Mainka(FRG)	- -81
46	1:57.47h	Don Parker(CA)	3-17-90
47	1:56.27	Don Parker(CA)	5-12-90
48	1:58.1	Bill Fitzgerald(CA)	7- 6-73
49	1:59.5	Bill Fitzgerald(CA)	7- 6-74
50	2:00.40	Alan Bradford(GBR)	8- 1-89
	2:01.1	Bill Fitzgerald(CA)	6-29-75
51	2:01.3	Johan Hesselberg(NOR)	9- 8-83
	2:03.2	Bill Fitzgerald(CA)	6-27-76
52	2:03.5	Johan Hesselberg(NOR)	7-28-84
	2:04.0	Dean Smith(IL)	7- 8-78
53	2:03.5	Dean Smith(IL)	7-28-79
54	2:04.8	Bill Fitzgerald(CA)	7- 7-79
55	2:05.07	Tom Roberts(AUS)	8- 1-89
	2:08.9	Bill Fitzgerald(CA)	7- 5-80
56	2:09.64	Ralph Miller(WA)	8- 7-88
57	2:09.4	Bill Fitzgerald(CA)	7-10-82
58	2:08.65	Berthold Neumann(FRG)	8- 1-89
	2:13.0	Bill Fitzgerald(CA)	8-27-83
59	2:13.0	Bill Fitzgerald(CA)	7- 1-84
60	2:12.9	Earl Fee(CAN)	7- 6-89
	2:18.3i	Kelsey Brown(NJ)	1-17-88
61	2:15.99	Toivo Vikman(FIN)	6-26-85
	2:18.87	Dean Smith(IL)	8-16-87
62	2:12.62	Derek Turnbull(NZL)	7-23-89
	2:24.17	Bill Fortune(NY)	7-15-90
63	2:20.83	Dean Smith(IL)	7-23-89
64	2:15.69	Frank Evans(NZL)	8- 1-89
	2:27.2	William Andberg(MN)	8- 9-75
65	2:20.5	Jack Stevens(AUS)	8-13-82
	2:25.3	Frank Finger(VA)	7- 5-80
66	2:21.1	Jack Stevens(AUS)	9-18-83
	2:28.0	William Andberg(MN)	8- 9-77
67	2:22.0	Jack Stevens(AUS)	2-11-84
	2:27.8y	Frank Finger(VA)	6-12-82
68	2:30.1	William Andberg(MN)	7-28-79
69	2:37.5	Jay Sponseller(FL)	11- 7-87
70	2:34.3	Jay Sponseller(FL)	4-15-88
71	2:34.5	Monty Montgomery(CA)	9- 4-77
72	2:35.4	Harold Chapson(HI)	7- 6-75
73	2:35.8	Harold Chapson(HI)	6-27-76
74	2:37.2	Harold Chapson(HI)	7- 2-77
75	2:40.0	Harold Chapson(HI)	5-14-78
76	2:45.4	Harold Chapson(HI)	6-24-79
77	2:46.3	Harold Chapson(HI)	7-28-79
78	2:44.1	Harold Chapson(HI)	12-31-80
79	2:46.7	Harold Chapson(HI)	8-15-81
80	2:53.5	Harold Chapson(HI)	7-11-82
81	2:49.4	Harold Chapson(HI)	10-09-83
82	2:57.48	Harold Chapson(HI)	8-19-84
83	3:13.3	Harold Chapson(HI)	5- 4-86
84	3:48.8	Paul Spangler(CA)	5-21-83
85	3:29.42	Longino Perez(MEX)	11-29-87
	3:58.3	Paul Spangler(CA)	5- 5-84
86	4:04.7	Harold Chapson(HI)	5- 1-89
87	3:45.5	Josef Galia(GFR)	9- 4-85
	4:09.6	Paul Spangler(CA)	5-24-86
88	4:25.5	Paul Spangler(CA)	5-23-87
89	5:04.83	Bill Empey(AUS)	6-26-85
90	4:39.59	Paul Spangler(CA)	6-10-89
91	4:58.15	Paul Spangler(CA)	8- 4-90

1500 METERS

35	3:34.79	John Walker(NZL)	7-22-87
	3:52.7	Ramsey Thomas(MD)	7-11-79
36	3:33.91	Mike Boit(KEN)	8-21-85
	3:53.9	Tom Von Ruden(CA)	8-16-81



Larry Almberg

Photo by Victah Sailer/Agence Shot

37	3:35.96	John Walker(NZL)	7-19-89
	3:50.9	Bill Stewart(MI)	5-24-80
38	3:37.01	Mike Boit(KEN)	7-22-87
	3:59.0	Harold Nolan(NJ)	5- 5-85
	3:59.0	Ramsey Thomas(MD)	7- 3-82
39	3:52.7	Michel Bernard(FRA)	5- 9-71
	3:54.1	Bill Stewart(MI)	2-25-82
40	3:49.47	Wilson Waigwa(KEN)	8- 5-89
	3:56.2	Bill Stewart(MI)	9-27-83
41	3:49.21	Wilson Waigwa(KEN)	7-29-90
	3:57.94h	Harold Nolan(NJ)	5-14-88
42	3:53.18	Larry Almberg(WA)	8- 5-89
43	3:50.43	Larry Almberg(WA)	7-29-90
44	3:54.9	Bill Stewart(MI)	4-23-87
45	3:59.24	Ken Sparks(OH)	7-29-90
46	4:04.4	Ernest Billups(IL)	9-27-83
47	4:06.4	Harry Lindell(SWE)	8- 9-81
	4:07.9	Mike Manley(OR)	7-20-89
48	4:05.53	Alan Bradford(GBR)	12- 5-87
	4:11.9	Mel Elliot(CA)	7- -86
49	4:09.3	William Baillie(NZL)	9-16-83
	4:09.99	Ernest Billups(IL)	7-19-86
50	4:05.2	Tom Roberts(AUS)	3-22-84
	4:05.8	Ray Hatton(OR)	7- 8-82
51	4:09.41	Ian Babe(NZL)	12- 5-87
	4:14.2	Ray Hatton(OR)	7-29-83
52	4:14.6	Jack Ryan(AUS)	1-18-75
	4:17.2	Ray Hatton(OR)	7-20-84
53	4:10.47	Tom Roberts(AUS)	12- 5-87
	4:21.8	Jim Sutton(PA)	7-28-84
54	4:15.6	Derek Turnbull(NZL)	1-11-81
	4:22.0	Bill Fitzgerald(CA)	7- 8-79
55	4:14.4	Gunther Hesselmann(GFR)	6-23-81
	4:25.24	Jim Sutton(PA)	7-19-86

56	4:22.4	Alf Eidsather(NOR)	7-24-84
	4:22	John Gilmour(AUS)	10-22-75
	4:27.2	Ray Hatton(OR)	7-10-88
57	4:17.6	Jack Ryan(AUS)	3-11-80
	4:30.49	Ralph Miller(WA)	8- 5-89
58	4:18.27	Derek Turnbull(NZL)	6-29-85
	4:32.01	Jim Sutton(PA)	7-22-89
59	4:27.2	Jack Ryan(AUS)	4-10-82
	4:30.54	Jim Sutton(PA)	8- 5-90
60	4:30.0	John Gilmour(AUS)	12-22-79
	4:50.4	Archie Messenger(NY)	9-27-83
61	4:37.90	Derek Turnbull(NZL)	4- 2-88
	4:48.96	Bill McChesney(OR)	8- 5-89
62	4:28.66	Derek Turnbull(NZL)	8- 5-89
	4:49.8	Don Longenecker(NM)	6-24-78
63	4:45.19	Rune Bergman(SWE)	12- 5-87
	4:46.96	Joe King(CA)	8- 5-89
64	4:48.7	Harry Tampan(GBR)	7-21-89
	5:01.3	William Andberg(MN)	8-16-75
65	4:41.82	Jack Ryan(AUS)	12- 5-87
	4:59.2	William Andberg(MN)	7- 4-76
66	4:49.16	John Gilmour(AUS)	6-29-85
	5:00.6	Don Longenecker(NM)	6-12-82
67	4:56.8	Jack Stevens(AUS)	2- 7-84
	5:16.97	Archie Messenger(NY)	8- 5-90
68	5:01.33	John Gilmour(AUS)	12- 5-87
	5:11.6	William Andberg(MN)	8- 1-79
69	5:04.3	Scotty Carter(MA)	6-14-86
70	5:11.8	Merv Jenkinson(AUS)	1- 6-80
	5:19.38	Austin Newman(NJ)	7-19-86
71	5:22.86	Gudmund Straume(NOR)	6-30-90
	5:29.63	Dan Bulkley(OR)	8- 6-88
72	5:21.5	Harold Chapson(HI)	6-28-75
73	5:21.1	Harold Chapson(HI)	8- 9-75
74	5:26.3	Harold Chapson(HI)	6-25-77
75	5:30.1	Harold Chapson(HI)	8-11-77
76	5:35.4	Harold Chapson(HI)	4- 1-79
77	5:43.0	Harold Chapson(HI)	8- 1-79
78	5:40.2	Harold Chapson(HI)	12-31-80
79	5:50.4	Harold Chapson(HI)	8-16-81
80	5:54.5	Harold Chapson(HI)	7-17-82
81	6:10.06	Edward Benham(MD)	8- 6-88
82	6:15.37	Edward Benham(MD)	8- 5-89
83	7:44.4	Paul Spangler(CA)	6-20-82
84	7:41.6	Paul Spangler(CA)	8-21-83
85	7:03.38	Longino Perez(MEX)	12- 5-87
	7:44.96	Paul Spangler(CA)	5- 5-84
86	7:50.61	Paul Spangler(CA)	8-24-85
87	7:29.4	Josef Galia(GFR)	9- 4-85
	8:31.0	Paul Spangler(CA)	5- 3-86
88	8:37.53	Paul Spangler(CA)	12- 5-87
90	9:25.2	Paul Spangler(CA)	6-10-89
91	10:04.68	Paul Spangler(CA)	8- 5-90
93	13:04.4	Herb Kirk(MT)	8-11-89
95	13:53.2	Herb Kirk(MT)	10- 6-90

ONE MILE

35	3:55.04	John Walker(NZL)	7-15-87
	4:12.4	Ramsey Thomas(MD)	7-26-79
36	3:52.48	John Walker(NZL)	7- 2-88
	4:18.0i	Ramsey Thomas(MD)	2- 2-80
37	3:54.28	John Walker(NZL)	7- 1-89
	4:15.3	Ramsey Thomas(MD)	7-18-81
38	3:55.19	John Walker(NZL)	6- -90
	4:15.0	Glynn Wood(DC)	4-21-73
39	4:13.0	Fred Norris(GBR)	5-13-61
	4:13.3i	Bill Stewart(MI)	1-28-82
40	4:05.39	Wilson Waigwa(KEN)	6- 3-89
	4:11.0i	Bill Stewart(MI)	1-22-83
41	4:07.36	Wilson Waigwa(KEN)	7-29-90
	4:15.38	Harold Nolan(NJ)	8- 6-88
42	4:15.7	Larry Almberg(WA)	6-21-89
43	4:06.70	Larry Almberg(WA)	7-29-90
44	4:25i	Ernest Billups(IL)	3-27-82
45	4:16.75	David Sirl(NZL)	12- 6-87
	4:17.14	Ken Sparks(OH)	7-29-90
46	4:28.02	Mike Manley(OR)	6-25-88
47	4:21.88	Antonio Villanueva(MEX)	12- 6-87
	4:34.5	Bill Fitzgerald(CA)	4-28-73
48	4:27.89	J. Nelson Da Silva(BRA)	12- 6-87
	4:32.8	Bill Fitzgerald(CA)	6- 2-73
49	4:30.8	Ray Hatton(OR)	5-28-81
50	4:32.2	Bill Fitzgerald(CA)	7-13-75
51	4:44.22i	Bill Foulk(AZ)	1- 6-85
52	4:39.0	Ray Hatton(OR)	7-27-84
53	4:30.06	Tom Roberts(AUS)	12- 6-87
	4:49.3	David Stevenson(CA)	7-29-82
54	4:48.99i	Jim Sutton(PA)	2-22-86
55	4:40.4	Jack Ryan(AUS)	12-15-77
	4:46.5	Don Gammie(OH)	10- 5-86
56	4:47.40	Ray Hatton(OR)	6-25-88
57	4:53.52	Jim Sutton(PA)	5-13-89
58	5:00.2	Maurice Tarrant(CAN)	6- 8-88
	5:05.7	Jim Sutton(PA)	8-19-89
59	5:00.06	Maurice Tarrant(CAN)	6-10-89
	5:13.5	Clive Davies(OR)	7-13-75
60	5:14.2	David Stevenson(CA)	8-10-89
61	4:57.1	John Gilmour(AUS)	11-13-80
	5:16.8	Clive Davies(OR)	6-11-77
62	5:05.5	Derek Turnbull(NZL)	6-21-89
	5:17.5	Don Longenecker(NM)	4-16-78
63	5:04.36	Rune Bergman(SWE)	12- 6-87
	5:15.2	Clive Davies(,O)	6- 9-79
64	5:25.4	Stan Nicholls(AUS)	4-10-76
	5:26.93	Archie Messenger(NY)	3-19-88
65	5:05.61	Jack Ryan(AUS)	12- 6-87
	5:22n	Monty Montgomery(CA)	4- 8-72
66	5:30.0	William Andberg(MN)	6-29-77
67	5:41.4	Norman Bright(WA)	6-11-77
68	5:39.0	William Andberg(MN)	6-16-79
69	5:54.2	Otto Essig(MA)	6-28-75
70	5:32.4i	Scotty Carter(MA)	3-15-87
71	5:54.0	Harold Chapson(HI)	11-25-73
72	5:52.3	Harold Chapson(HI)	3- 2-75
73	5:51.7	Harold Chapson(HI)	1- 4-76
74	5:58.8	Harold Chapson(HI)	4-24-77
75	6:45	Richard Bredenbeck(OH)	6-26-81
76	7:05.1	Richard Bredenbeck(OH)	5-22-82
77	6:54.0	Paul Spangler(CA)	8- 2-76
78	6:15.1	Harold Chapson(HI)	7- 5-81
79	6:59.4	Paul Spangler(CA)	8- 4-78
80	6:43.3	Harold Chapson(HI)	3- 4-83
81	8:07.1	Paul Spangler(CA)	6- 7-80
82	9:47.0	Byron Fike(OH)	6-23-90
83	p11:28.8	Albert Epp(FL)	10-25-88
84	8:07.4	Paul Spangler(CA)	6-25-83
87	8:04.7	Josef Galia(GFR)	9- 4-85
	12:23.6	Herb Kirk(MT)	8-26-83
90	13:43.6	Herb Kirk(MT)	8-16-86
91	13:45.6	Herb Kirk(MT)	8- 8-87
95	14:48.2	Herb Kirk(MT)	10- 6-90

3000 METERS

35	7:47.61	Thomas Wessinghage(FRG)	8-16-87
	8:31.5	Ramsey Thomas(MD)	8- 4-79
36	7:49.86	Wilson Waigwa(KEN)	8- 7-85
	8:41.8yi	George Young(AZ)	4-20-74
37	7:45.64	John Walker(NZL)	7-14-89
	8:34.4	Ramsey Thomas(MD)	12- 6-80
38	8:05.01	John Walker(NZL)	8- 3-90
	8:37.6	Harold Nolan(NJ)	7-11-85
39	8:02.2	Michel Bernard(FRA)	6- 2-71
	8:48.0	Randy Taylor(AR)	4-11-87
40	8:15.6	John Van Der Wansem(HOL)	7- 5-90
	8:17.4	Barry Brown(FL)	7-30-84
41	8:22.0	Alain Mimoun(FRA)	6- 6-62
	8:22.0	Laurie O'Hara(GBR)	6-23-73
	8:56.6	Harold Nolan(NJ)	7-13-88
42	8:24.8	Laurie O'Hara(GBR)	6-21-74
	8:47.0	Harold Nolan(NJ)	7-12-89
43	8:17.4	Jack Foster(NZL)	1-31-76
	8:50.06i	Peter Hallop(MI)	3-25-90
44	8:20.8	Lucien Rault(FRA)	6- 4-80
	8:50.0	Hal Higdon(IN)	7-13-75
45	8:36.0	Laurie O'Hara(GBR)	7- 8-77
	9:06.6	Kirk Randall(MA)	6-13-87
46	8:51.0	Ron Robertson(NZL)	12- 9-87
	9:13.43	Thomas Hare(US)	5- 4-90
	p8:32.2	Udo Immig(FRG)	- -83
47	8:46.8	Manuel Alonso(SPA)	7- 9-77
	9:21.78i	Vic Heckler(IL)	3-25-90
48	8:57.6	Manuel Alonso(SPA)	8-26-78
	9:21.4	George Vernosky(MD)	5- 6-78
49	8:49.02	Josef Kurz(FRG)	7-15-88
	8:51.6	Michael Heffernan(OR)	5- -90
50	8:53.8	Ray Hatton(OR)	6-25-82
51	9:13.28	Dan Conway(WI)	6-23-90
	p9:01.47	Edgar Friedli(SUI)	- -84
52	9:03.6	Luciano Aquarone(ITA)	10-16-82
	9:15.8	Ray Hatton(OR)	4- 7-84
53	8:51.0	Tom Roberts(AUS)	12- 9-87
	9:10.2	Ray Hatton(OR)	7-20-85
54	9:26	George McGrath(AUS)	10-10-74
	9:53.0	Mauro Hernandez(CA)	4- 2-77
	p9:00.9	Gunther Hesselmann(GFR)	- -80
55	9:01.8	Gunther Hesselmann(GFR)	7-15-81
	9:51.8i	Howard Rubin(NY)	3-10-84
56	9:21.0	John Gilmour(AUS)	2-11-76
	9:37.88	Ray Hatton(OR)	6-26-88
57	9:34.2	Ray Hatton(OR)	7- 1-89
58	10:01.69i	Jim Sutton(PA)	3-25-90
59	10:27.8	Pat Devine(CA)	5-28-88
60	9:43.2	John Gilmour(AUS)	11-10-79
	10:39.2	Pat Devine(CA)	7- 7-89
61	9:36.6	Siem Herlaar(HOL)	8-31-90
	10:43.4	Bill McChesney(OR)	6-25-89
62	10:12.2	Derek Turnbull(NZL)	6-21-89
	10:46	Boyce Jacques(NV)	9-24-88
63	10:25.6	Mathias Bergseth(NOR)	7-28-84
	11:22.2	Jim Smith(OK)	3-29-86
64	10:47.0	William Andberg(MN)	8-13-75
65	10:10.2	John Gilmour(AUS)	11-22-84
	10:51.0	Norman Bright(WA)	6-17-75
66	10:20.8	John Gilmour(AUS)	2- -86
	11:30.0y	Monty Montgomery(CA)	3-25-73
	p11:30.0	Bob Kroger(US)	1-31-82
67	10:14.4	John Gilmour(AUS)	3-12-87
	11:34.6	Norman Bright(WA)	7-12-77
68	11:25	David Morrison(GBR)	6-27-82
	11:51.0i	Richard Bredenbeck(OH)	2-16-74
69	11:00.0	Scotty Carter(MA)	6-22-86
70	11:27.4i	Scotty Carter(MA)	3-15-87
71	11:26.0	John Gilmour(AUS)	10-28-90
	12:11.8	Tom Roberts(GA)	10-20-73
72	11:55.8i	Richard Bredenbeck(OH)	3-19-78
73	11:46.2	Harold Chapson(HI)	3-28-76
74	12:23.8	Harold Chapson(HI)	1-16-77
75	12:23.4	Edward Benham(MD)	5- 7-83
76	12:37.0	Edward Benham(MD)	5- 5-84
77	12:30.4	Edward Benham(MD)	5- 3-85
78	12:42.4	Edward Benham(MD)	5- 3-86
79	14:56.6	Harold Chapson(HI)	11-22-81
80	13:12.6	Edward Benham(MD)	4-29-88
81	16:31	Richard Bredenbeck(OH)	7-25-87
82	13:52.63	Edward Benham(MD)	5- 4-90
84	15:49.0	Paul Spangler(CA)	5-21-83
85	16:32.0	Paul Spangler(CA)	5- 4-84
87	16:44.2	Paul Spangler(CA)	7- 6-86
88	18:55.8	Paul Spangler(CA)	7-18-87
90	20:08.4	Paul Spangler(CA)	9-16-89
91	20:42.89	Paul Spangler(CA)	6-23-90

TWO MILES

35	8:23.32	John Walker(NZL)	8-14-87
	8:37.6i	George Young(AZ)	5-19-73
36	8:41.8i	George Young(AZ)	4-20-74
37	8:57.0	Fred Norris(GBR)	3-30-59
	9:24.0	Peter Mundle(CA)	7-14-65
	p9:00.4i	Frank Pflaging(MD)	- -70
38	9:32.0i	David Wee(MN)	2-12-77
39	9:00.0i	Fred Norris(GBR)	1-14-61
	9:09.6i	Bill Stewart(MI)	2-13-82
40	8:55.4	John Van Der Wansem(HOL)	7-19-90
	9:06.6	Barry Brown(FL)	7-30-84
41	9:08.4	Tom Laris(CA)	7-23-81
42	9:28.0	Peter Mundle(CA)	7- 8-70
43	9:19.2	Jim McDonald(NZL)	2-19-78
	9:32.8i	Peter Mundle(CA)	2-19-72
44	9:28.6	Jim McDonald(NZL)	2-18-79
	9:41	Hal Higdon(IN)	8- 8-75
45	9:37.8	Denny Meyer(WA)	5- 5-78
46	9:44.6	Peter Mundle(CA)	8- 2-74
47	9:45.8	Peter Mundle(CA)	7-26-75
48	9:58.54i	Dan Conway(WI)	3-29-87
49	10:07.4	Peter Mundle(CA)	6- 2-77
50	10:09.2i	Lloyd Slocum(NH)	3-27-83
51	10:09.4	James Daley(NH)	7- 8-87
52	10:19.2	David Stevenson(CA)	12-20-80
53	10:12	George McGrath(AUS)	10-18-73
	10:26.6	David Stevenson(CA)	7-15-82
54	10:31.2	Mauro Hernandez(CA)	4- 2-77
	10:31.2	Jim McDonald(NZL)	2-15-89
55	10:35.0	Bill McChesney(OR)	7-15-83
56	10:07	John Gilmour(AUS)	1-14-76
	10:38.8	Bill McChesney(OR)	7-20-84
57	11:06.0	Ralph Miller(WA)	1-18-89
58	11:32	Ray Gordon(DC)	6-25-76
59	11:14.0	Clive Davies(OR)	7-13-75
60	11:24.82i	Joe King(CA)	3-29-87
61	11:08.2	Bill McChesney(OR)	6-16-89
62	11:09	Don Longenecker(NM)	6-25-78
63	11:52.6	Norman Bright(WA)	7- 3-73
64	11:41.2	Norman Bright(WA)	4- 6-74
65	11:35.6	Norman Bright(WA)	6-17-75
66	11:30.0	Monty Montgomery(CA)	3-25-73
67	10:58.2	John Gilmour(AUS)	3-12-87
	12:31.0	John Boots(CA)	11- 9-86
68	12:40.0	Otto Essig(MA)	8- 3-74
69	12:55.8	Stan Nicholls(AUS)	12-20-80
	12:57.4	Otto Essig(MA)	8- 2-75
70	12:23	Stan Nicholls(AUS)	11-18-81
	13:10i	Richard Bredenbeck(OH)	3-14-76
71	12:42.4	Stan Nicholls(AUS)	7- 4-82
	13:09.0	Harold Chapson(HI)	10-14-73
72	12:48.0i	Richard Bredenbeck(OH)	3-19-78
73	12:41.0	Harold Chapson(HI)	3-14-76
74	13:47.6	Richard Bredenbeck(OH)	6-21-80
75	14:28.2i	William Brobston(NY)	3-20-88
76	14:30	Lou Gregory(FL)	9-30-78
77	14:41	Paul Spangler(CA)	6-12-76
78	15:41	Paul Spangler(CA)	4-16-77
79	15:12.4i	Paul Spangler(CA)	3-17-79
80	15:47.2	Paul Spangler(CA)	7-22-79
81	16:40.2	Paul Spangler(CA)	6- 7-80
82	16:46	Albert Gordon(NY)	10-15-83
91	32:38.4i	Herb Kirk(MT)	1-11-87

THREE MILES

35	13:17.3m	Carlos Lopes(POR)	7-14-82
	13:44.2	Peter McArdle(NY)	6-11-64
36	13:38.6m	Lucien Rault(FRA)	8-24-72
	14:22.3m	Mike Manley(OR)	5- 6-78
	p13:16.4m	Miruts Yifter(ETH)	6- 7-80
	p13:28.1m	Carlos Lopes(POR)	- -83
	p13:54.2i	Frank Pflaging(MD)	- -69
37	13:16.36m	Carlos Lopes(POR)	6-28-84
	14:38.4	Peter Mundle(CA)	3-19-66
38	13:47.8m	Michel Bernard(FRA)	7-19-70
	13:51.7m	Mike Manley(OR)	6- 1-80
39	13:40.0m	Michel Bernard(FRA)	6-26-71
	14:25.4m	Barry Brown(FL)	8-11-83
40	13:45.6m	Lucien Rault(FRA)	5-21-76
	14:27.0m	Mike Manley(OR)	6- 6-82
41	14:16.6m	Lucien Rault(FRA)	10- 9-77
	14:40.2m	Tom Laris(CA)	8- 6-81
42	14:04.2m	Lucien Rault(FRA)	6-24-78
	14:29.2	Ray Hatton(OR)	6-15-74
43	14:21.0m	Jack Foster(NZL)	2-21-76
	14:41.6	Ray Hatton(OR)	4-26-75
44	14:33.6	Jim McDonald(NZL)	2-18-79
	14:45.2	Hal Higdon(IN)	8- 8-75
45	14:56.4m	Alain Mimoun(FRA)	5-29-66
	15:17.0	Ken Winn(GA)	6-11-83
46	14:23.6m	Lucien Rault(FRA)	6-19-82
	15:07	Peter Mundle(CA)	7- 7-74
47	14:44.18m	Antonio Villanueva(MEX)	12- 1-87
	15:12.25m	Mike Manley(OR)	8- 1-89
48	15:17.4m	Ray Hatton(OR)	8- 2-80
49	14:46.66m	Antonio Villanueva(MEX)	8- 1-89
	15:17.6m	Ray Hatton(OR)	8-16-81
50	15:06.0m	Jeph Onselen(BEL)	9-12-84
	15:37.8	James O'Neil(CA)	1-10-76
51	15:35.93m	Jean Onselen(BEL)	6-26-85
	15:39	Peter Mundle(CA)	5-31-79
	p15:19.63m	Edgar Friedli(SUI)	7- 4-84
52	15:46.21m	Wilfried Chiau(BEL)	8- 1-89
	15:47.0m	Ray Hatton(OR)	7-14-84
53	15:57.4m	Ray Hatton(OR)	7-27-85
	p15:50.51m	Rolf Conzelmann(GFR)	8-25-85
54	15:54.2	Jim McDonald(NZL)	2-12-89
	16:13.66m	Bill Foulk(MT)	8-16-87
55	15:42.4m	Gunther Hesselmann(GFR)	6-27-81
	16:27.1m	James O'Neil(CA)	1-12-81
56	15:57.0m	George McGrath(AUS)	1- -76
	16:25	Alex Ratelle(MN)	8-22-81

57	16:31m	John Gilmour(AUS)	1-24-77
	16:34.0m	Alex Ratelle(MN)	8-14-82
58	16:00.6m	Jack Ryan(AUS)	3- -81
	16:58m	James O'Neil(CA)	9-17-83
59	16:45.01m	Luciano Acquarone(ITA)	6-30-90
	16:51.2	Clive Davies(OR)	7-13-75
60	16:36.99m	Cesare Bini(ITA)	8- 1-89
	16:52.0m	James O'Neil(CA)	6-25-85
61	16:33.3m	John Gilmour(AUS)	8- 9-80
	17:38.0m	Clive Davies(OR)	6-19-77
62	16:38.4m	John Gilmour(AUS)	4-11-82
	16:59.2	Don Longenecker(MN)	6-25-78
63	17:27.5m	Clive Davies(OR)	7- 8-79
64	17:19.0m	Clive Davies(,O)	8- 2-80
65	17:43.35m	Jack Ryan(AUS)	12- 1-87
	17:59.2	Norman Bright(WA)	7-22-75
66	17:25.4m	John Gilmour(AUS)	6-25-85
	17:40.4m	Clive Davies(OR)	7-31-82
67	17:49.8m	John Gilmour(AUS)	4- 5-87
	18:44	Norman Bright(WA)	5- 6-77
68	18:10.37m	John Gilmour(AUS)	4- 1-88
	19:00	William Andberg(MN)	6-16-79
69	18:42.0m	John Gilmour(AUS)	3-26-89
	19:31	Otto Essig(MA)	5-18-75
70	18:46.62m	John Gilmour(AUS)	8- 1-89
	20:05.4m	Ray Sears(IN)	8- 8-77
71	19:09.0	Stan Nicholls(AUS)	7- 4-82
	21:12.0m	Sidney Madden(CA)	8-19-79
72	20:14.4	Harold Chapson(HI)	4-27-75
73	20:02.57m	Alfred Funk(MT)	8-16-87
74	20:38.2	Harold Chapson(HI)	1-30-77
75	20:36.0M	David Morrison(GBR)	9- 9-89
	20:55.39m	Alfred Funk(MT)	8- 1-89
76	20:59.0m	Edward Benham(MD)	9-23-83
77	21:35.2m	Edward Benham(MD)	5- 4-85
78	21:41.79m	Edward Benham(MD)	8-22-85
79	21:19.8m	Edward Benham(MD)	7-20-86
80	22:31.82m	Edward Benham(MD)	12- 1-87
81	21:46.86m	Edward Benham(MD)	6-22-89
82	22:08.79m	Edward Benham(MD)	8- 1-89
83	22:57.4m	Edward Benham(MD)	8- 4-90
84	27:06.26m	Alfred Althaus(GFR)	12- 1-87
	27:33.8m	Paul Spangler(CA)	8-22-83
85	27:51.70m	Alfred Althaus(FRG)	8- 1-89
	28:03.8m	Paul Spangler(CA)	4-14-84
86	28:54.4m	Paul Spangler(CA)	6-26-85
87	26:50.2m	Josef Galia(GFR)	8-16-85
	29:50.0m	Paul Spangler(CA)	7- 5-86
88	30:24.6m	Paul Spangler(CA)	5-23-87
90	37:39.38m	Paul Spangler(CA)	8- 1-89
91	48:38.8mi	Herb Kirk(MT)	1-11-87

5000 METERS

35	13:17.3	Carlos Lopes(POR)	7-14-82
	14:17.2	Peter McArdle(NY)	5-31-64
36	13:28.1	Carlos Lopes(POR)	7-24-83
	14:22.3	Mike Manley(OR)	5- 6-78
	p13:16.4	Miruts Yifter(ETH)	6- 7-80
37	13:16.36	Carlos Lopes(POR)	6-28-84
	15:06.8	Ramsey Thomas(MD)	11-23-80
38	13:47.8	Michel Bernard(FRA)	7-19-70
	13:51.7	Mike Manley(OR)	6- 1-80
39	13:40.0	Michel Bernard(FRA)	6-26-71
	14:25.4	Barry Brown(FL)	8-11-83
40	13:45.6	Lucien Rault(FRA)	5-21-76
	14:27.0	Mike Manley(OR)	6- 6-82
41	14:16.6	Lucien Rault(FRA)	10- 9-77
	14:40.2	Tom Laris(CA)	8- 6-81
42	14:04.2	Lucien Rault(FRA)	6-24-78
	15:09.0	Ray Hatton(OR)	7- 7-74
43	14:21.0	Jack Foster(NZL)	2-21-76
	15:30.8	Jerry Smartt(CA)	8- 8-75
44	14:35.4	Lucien Rault(FRA)	6-15-80
	15:09.6	Ray Hatton(OR)	4-24-76
45	14:56.4	Alain Mimoun(FRA)	5-29-66
	15:22.15	Michael Heffernan(OR)	8-25-85
46	14:23.6	Lucien Rault(FRA)	6-19-82
	15:11.2	Salvador Vasquez(CA)	7- 5-86
47	14:44.18	Antonio Villanueva(MEX)	12- 1-87
	15:12.25	Mike Manley(OR)	8- 1-89
48	15:17.4	Ray Hatton(OR)	8- 2-80
49	14:46.66	Antonio Villanueva(MEX)	8- 1-89
	15:17.6	Ray Hatton(OR)	8-16-81
50	15:06.0	Jean Onselen(BEL)	9-12-84
	15:43.53	Dan Conway(WI)	8- 1-89
51	15:35.93	Jean Onselen(BEL)	6-26-85
	15:42.4	Ray Hatton(OR)	7-30-83
	p15:19.63	Edgar Friedli(SUI)	7- 4-84
52	15:46.21	Wilfried Chiau(BEL)	8- 1-89
	15:47.0	Ray Hatton(OR)	7-14-84
53	15:57.4	Ray Hatton(OR)	7-27-85
	p15:50.51	Rolf Conzelmann(GFR)	8-25-85
54	16:03.52	Luciano Acquarone(ITA)	6-26-85
	16:13.66	Bill Foulk(MT)	8-16-87
55	15:42.4	Gunther Hesselmann(GFR)	6-27-81
	16:27.1	James O'Neil(CA)	1-12-81
56	15:57.0	George McGrath(AUS)	1- -76
	16:30.5	Alex Ratelle(MN)	1-12-81
57	16:31	John Gilmour(AUS)	1-24-77
	16:34.0	Alex Ratelle(MN)	8-14-82
58	16:00.6	Jack Ryan(AUS)	3- -81
	16:58	James O'Neil(CA)	9-17-83
59	16:45.01	Luciano Acquarone(ITA)	6-30-90
	17:37.2	James O'Neil(CA)	8-19-84
60	16:36.99	Cesare Bini(ITA)	8- 1-89
	16:52.0	James O'Neil(CA)	6-25-85
61	16:33.3	John Gilmour(AUS)	8- 9-80
	17:38.0	Clive Davies(OR)	6-19-77
62	16:38.4	John Gilmour(AUS)	4-11-82
	17:35.0	Don Longenecker(NM)	6-25-78
63	17:27.5	Clive Davies(OR)	7- 8-79
64	17:19.0	Clive Davies(,O)	8- 2-80
65	17:43.35	Jack Ryan(AUS)	12- 1-87
	18:33	William Andberg(MN)	7- 4-76
	18:33.4	Norman Bright(WA)	7-22-75
66	17:25.4	John Gilmour(AUS)	6-25-85
	17:40.4	Clive Davies(OR)	7-31-82
67	17:49.8	John Gilmour(AUS)	4- 5-87
	19:04.6	John Holoubek(CA)	10- 1-83
68	18:10.37	John Gilmour(AUS)	4- 1-88
	19:11.7	William Andberg(MN)	7- 8-79
69	18:42.0	John Gilmour(AUS)	3-26-89
	19:59.0	Scotty Carter(MA)	8- 3-86
70	18:46.62	John Gilmour(AUS)	8- 1-89
	20:05.4	Ray Sears(IN)	8- 8-77
71	19:35.36	Gudmund Straume(NOR)	6-30-90
	20:45	Alfred Funk(MT)	8- 9-85
72	20:48	Stan Nicholls(AUS)	4-21-84
	20:51.6	Harold Chapson(HI)	4-27-75
73	20:02.57	Alfred Funk(MT)	8-16-87
74	20:57.6	Louis Charbonneau(FRA)	9-10-78
	21:08.0	Lou Gregory(FL)	12-22-76
75	20:36.0	David Morrison(GBR)	9- 9-89
	20:55.39	Alfred Funk(MT)	8- 1-89
76	20:59.0	Edward Benham(MD)	9-23-83
77	21:35.2	Edward Benham(MD)	5- 4-85
78	21:41.79	Edward Benham(MD)	8-22-85
79	21:19.8	Edward Benham(MD)	7-20-86
80	22:31.82	Edward Benham(MD)	12- 1-87
81	21:46.86	Edward Benham(MD)	6-22-89
82	22:08.79	Edward Benham(MD)	8- 1-89
83	22:57.4	Edward Benham(MD)	8- 4-90
84	27:06.26	Alfred Althaus(GFR)	12- 1-87
	27:33.8	Paul Spangler(CA)	8-22-83
85	27:51.70	Alfred Althaus(FRG)	8- 1-89
	28:03.8	Paul Spangler(CA)	4-14-84
86	28:54.4	Paul Spangler(CA)	6-26-85
87	26:50.2	Josef Galia(GFR)	8-16-85
	29:50.0	Paul Spangler(CA)	7- 5-86
88	30:24.6	Paul Spangler(CA)	5-23-87
90	37:39.38	Paul Spangler(CA)	8- 1-89
91	48:38.8i	Herb Kirk(MT)	1-11-87

SIX MILES

35	27:24.4m	Carlos Lopes(POR)	6-26-82
	28:02.4	Peter McArdle(NY)	5- 3-64
36	27:23.44m	Carlos Lopes(POR)	7- 9-83
	28:26.4m	Gary Tuttle(CA)	4-28-84
37	27:17.48m	Carlos Lopes(POR)	7- 2-84
	28:47.4	Oscar Moore(NJ)	6- 8-75
38	28:16.0m	Anatoly Badrankov(URS)	7-21-79
	29:08.6m	Barry Brown(FL)	3-25-83
39	28:46.8m	Jack Foster(NZL)	3-18-72
	30:00.6m	Barry Brown(FL)	8-11-83
40	28:33.4m	Lucien Rault(FRA)	6- 9-76
	30:44	Ray Hatton(OR)	7-15-72
41	28:50.4m	Lucien Rault(FRA)	6-15-77
	30:26.2	Hal Higdon(IN)	8-27-72
42	29:02.6m	Lucien Rault(FRA)	7-21-78
	30:10.4	Hal Higdon(IN)	7- 6-73
43	29:57.4m	Alain Mimoun(FRA)	8- 1-64
	29:59.0	Ray Hatton(OR)	4-26-75
44	29:29.6	Charles Smart(GBR)	4-24-54
	31:41.6m	Barry Brown(FL)	8- 4-88
45	30:16.8m	Alain Mimoun(FRA)	6-17-66
	30:47.0	Ray Hatton(OR)	6-11-77
46	31:04.8m	Wilfried Irmen(GFR)	7-30-79
	31:29	Peter Mundle(CA)	7- 5-74
47	30:02.56m	Antonio Villanueva(MEX)	11-29-87
	32:17.4m	Ray Hatton(OR)	7- 6-79
48	31:57.03m	James McNamara(IRL)	11-29-87
	31:59	Hal Higdon(IN)	6-25-79
49	30:41.68m	Antonio Villanueva(MEX)	7-30-89
	32:38.3m	Hal Higdon(IN)	1- 8-81
50	31:59.6m	Les Presland(GBR)	8-21-90
	32:40	Peter Mundle(CA)	10- 1-78
51	32:05.5m	Luciano Aquarone(ITA)	10-17-81
	32:10.4m	Ray Hatton(OR)	6-18-83
	p31:51.29m	Edgar Friedli(SUI)	7-11-84
52	32:10.8m	Luciano Aquarone(ITA)	5- 7-83
	32:29.4m	Ray Hatton(OR)	6-30-84
53	33:05.0m	John Gilmour(AUS)	8-27-72
	34:46m	James O'Neil(CA)	7- 7-78
54	32:55.2m	Jean Onselen(BEL)	6-25-88
	33:54.4m	James O'Neil(CA)	7-27-79
55	32:50.3m	Gunther Hesselmann(GFR)	6- 2-81
	33:47.4m	Ray Hatton(OR)	8- 1-87
56	33:03	Alex Ratelle(MN)	8-22-81
57	33:00.66m	Norman Green(PA)	7-29-89
58	33:33.69m	Derek Turnbull(NZL)	6-23-85
	34:24.6Mm	Norman Green(PA)	8- 2-90
59	34:50.60m	Luciano Acquarone(ITA)	6-30-90
	35:05	Clive Davies(OR)	7-12-75
60	35:07.7m	John Gilmour(AUS)	7-27-79
	35:44.2m	James O'Neil(CA)	6-22-85
61	34:23m	John Gilmour(AUS)	11-26-80
	36:27.6M	Gaylon Jorgensen(NV)	8- 2-90
62	34:30.10m	Derek Turnbull(NZL)	7-29-89
	36:40.60m	James O'Neil(CA)	8-14-87
63	35:19.8m	Clive Davies(OR)	8-19-78
64	37:09.66m	James O'Neil(CA)	7-29-89
65	36:04.6m	Thedde Jensen(SWE)	9-15-72
	38:17.4	Norman Bright(WA)	7-12-75
66	36:39.0m	John Gilmour(AUS)	6-22-85
	37:24.4	Norman Bright(WA)	8- 3-76
67	36:53.8m	John Gilmour(AUS)	4-17-87
	39:38.68m	Jim McCown(CA)	7-29-89
68	37:37.39m	John Gilmour(AUS)	11-28-87
	40:26.5m	William Andberg(MN)	7- 6-79
69	38:53.8m	John Gilmour(AUS)	3-24-89
	40:50m	Ray Sears(IN)	7-10-76
70	38:26M	John Gilmour(AUS)	6-21-89
	41:21.0m	Ray Sears(IN)	8-10-77
71	40:40.2m	Alan Burgoyne(AUS)	12-16-85
	44:22.6m	Sydney Madden(CA)	7-27-79
72	42:04.8	Stan Nicholls(AUS)	12-12-83
	43:11.0	Harold Chapson(HI)	4-27-75
73	42:08.8	Stan Nicholls(AUS)	12-10-84
	42:14	Edward Benham(MD)	5- 2-81
74	42:53.6	Stan Nicholls(AUS)	12-16-85
	46:15.0m	Lou Gregory(FL)	6-25-77
75	42:03.4m	David Morrison(GBR)	9- 9-89
	46:09.51m	William Brobston(NY)	8- 4-88
76	43:54.8m	Edward Benham(MD)	9-25-83
77	45:53.4	Paul Spangler(CA)	7- 2-76
78	47:16.6	Paul Spangler(CA)	6-25-77
79	44:05.10m	Edward Benham(MD)	7-18-86
80	45:44.4m	Edward Benham(MD)	11-29-87
81	44:29.26m	Edward Benham(MD)	8- 4-88
82	43:38.79m	Edward Benham(MD)	7-29-89
83	47:55.0m	Edward Benham(MD)	8- 2-90
84	55:29.2m	Alfred Althaus(GFR)	11-29-87
	59:57.8m	Paul Spangler(CA)	6-25-83
85	58:58.52m	Alfred Althaus(FRG)	7-29-89
86	63:58.4m	Paul Spangler(CA)	6-22-85
87	54:23.0m	Josef Galia(GFR)	8-28-85
88	70:29.2m	Paul Spangler(CA)	11-29-87
90	71:40.78m	Paul Spangler(CA)	7-29-89
91	82:36.8m	Paul Spangler(CA)	8- 2-90

10,000 METERS

35	27:24.4	Carlos Lopes(POR)	6-26-82
	28:50.3	Duncan McDonald(HI)	4-28-84
36	27:23.44	Carlos Lopes(POR)	7- 9-83
	28:26.4	Gary Tuttle(CA)	4-28-84
37	27:17.48	Carlos Lopes(POR)	7- 2-84
	31:18.4	Randy Taylor(AR)	4-25-85
38	28:16.0	Anatoly Badrankov(URS)	7-21-79
	29:08.6	Barry Brown(FL)	3-25-83
39	28:46.8	Jack Foster(NZL)	3-18-72
	30:00.6	Barry Brown(FL)	8-11-83
40	28:33.4	Lucien Rault(FRA)	6- 9-76
	31:35.66	Earl Owens(US)	7-30-89
41	28:50.4	Lucien Rault(FRA)	6-15-77
	31:09.0	Tom Laris(CA)	8-15-81
42	29:02.6	Lucien Rault(FRA)	7-21-78
	30:50.37	Larry Almberg(WA)	7-30-89
43	29:57.4	Alain Mimoun(FRA)	8- 1-64
	30:56.0	Ray Hatton(OR)	4-26-75
44	30:20.6	Augustin Fernandes(SPA)	6- 6-82
	31:41.6	Barry Brown(FL)	8- 4-88
45	30:16.8	Alain Mimoun(FRA)	6-17-66
	31:48	Ray Hatton(OR)	6-11-77
46	31:04.8	Wilfried Irmen(GFR)	7-30-79
	32:02.79	Don Coffman(US)	7-30-89
47	30:02.56	Antonio Villanueva(MEX)	11-29-87
	32:17.4	Ray Hatton(OR)	7- 6-79
48	31:57.03	James McNamara(IRL)	11-29-87
	32:18.68	Michael Heffernan(OR)	7-30-89
49	30:41.68	Antonio Villanueva(MEX)	7-30-89
	32:38.3	Hal Higdon(IN)	1- 8-81
50	31:59.6	Les Presland(GBR)	8-21-90
	33:05.6	Ulrich Kaemph(CA)	6-20-81
51	32:05.5	Luciano Aquarone(ITA)	10-17-81
	32:10.4	Ray Hatton(OR)	6-18-83
	p31:51.29	Edgar Friedli(SUI)	7-11-84
52	32:10.8	Luciano Aquarone(ITA)	5- 7-83
	32:29.4	Ray Hatton(OR)	6-30-84
53	33:05.0	John Gilmour(AUS)	8-27-72
	34:46	James O'Neil(CA)	7- 7-78
54	32:55.2	Jean Onselen(BEL)	6-25-88
	33:54.4	James O'Neil(CA)	7-27-79
55	32:50.3	Gunther Hesselmann(GFR)	6- 2-81
	33:47.4	Ray Hatton(OR)	8- 1-87
56	33:43.04	James O'Neil(CA)	8-22-81
57	33:00.66	Norman Green(PA)	7-29-89
58	33:33.69	Derek Turnbull(NZL)	6-23-85
	34:24.6	Norman Green(PA)	8- 2-90
59	34:50.60	Luciano Acquarone(ITA)	6-30-90
	36:27.00	Jim Blount(FL)	8- 4-88
60	35:07.7	John Gilmour(AUS)	7-27-79
	35:44.2	James O'Neil(CA)	6-22-85
61	34:23	John Gilmour(AUS)	11-26-80
	36:27.6	Gaylon Jorgensen(NV)	8- 2-90
62	34:30.10	Derek Turnbull(NZL)	7-29-89
	36:40.60	James O'Neil(CA)	8-14-87
63	35:19.8	Clive Davies(OR)	8-19-78
64	37:09.66	James O'Neil(CA)	7-29-89
65	36:04.6	Thedde Jensen(SWE)	9-15-72
	38:48	William Andberg(MN)	7- 2-76
66	36:39.0	John Gilmour(AUS)	6-22-85
	38:38.0	Norman Bright(WA)	8- 3-76
67	36:53.8	John Gilmour(AUS)	4-17-87
	39:38.68	Jim McCown(CA)	7-29-89
68	37:37.39	John Gilmour(AUS)	11-28-87
	40:26.5	William Andberg(MN)	7- 6-79
69	38:53.8	John Gilmour(AUS)	3-24-89
	40:50	Ray Sears(IN)	7-10-76
70	38:26	John Gilmour(AUS)	6-21-89
	41:21.0	Ray Sears(IN)	8-10-77
71	40:40.2	Alan Burgoyne(AUS)	12-16-85
	44:22.6	Sydney Madden(CA)	7-27-79
72	42:53.8	Alan Burgoyne(AUS)	3-14-87
	43:47.0	William Brobston(NY)	8-23-85
73	42:52.4	David Morrison(GBR)	11-29-87
	43:53.0	Eugene Keller(OH)	11-29-87
74	44:18.6	Stan Nicholls(AUS)	12-16-85
	46:15.0	Lou Gregory(FL)	6-25-77
75	42:03.4	David Morrison(GBR)	9- 9-89
	46:09.51	William Brobston(NY)	8- 4-88
76	43:54.8	Edward Benham(MD)	9-25-83
77	47:03.66	Eduardo Astoreka(SPA)	7-28-86
	47:17.9	Lou Gregory(FL)	7-27-79
78	47:23	Paul Spangler(CA)	7- 1-77
79	44:05.10	Edward Benham(MD)	7-18-86

80	45:44.4	Edward Benham(MD)	11-29-87
81	44:29.26	Edward Benham(MD)	8- 4-88
82	43:38.79	Edward Benham(MD)	7-29-89
83	47:55.0	Edward Benham(MD)	8- 2-90
84	55:29.2	Alfred Althaus(GFR)	11-29-87
	59:57.8	Paul Spangler(CA)	6-25-83
85	58:58.52	Alfred Althaus(FRG)	7-29-89
	59:54	Paul Spangler(CA)	11-18-84
86	63:58.4	Paul Spangler(CA)	6-22-85
87	54:23.0	Josef Galia(GFR)	8-28-85
88	70:29.2	Paul Spangler(CA)	11-29-87
90	71:40.78	Paul Spangler(CA)	7-29-89
91	82:36.8	Paul Spangler(CA)	8- 2-90

ONE HOUR RUN

35	12-1599	20.774	Gaston Roelants(BEL)	9-20-72
	11-1070	18.681	Ken Mueller(MA)	5-13-72
36	12-441	19.715	Josef Jansky(CZE)	10-15-77
	11-1065	18.677	Ken Mueller(MA)	5-12-73
	p12-694	19.947	Kipsubai Koskei(KEN)	9- -87
37	12-1086	20.305	Lucien Rault(FRA)	10-14-73
	11-895	18.521	Randall Hoffman(MI)	3-30-78
38	12-788	20.033	Lucien Rault(FRA)	9-28-74
	11-600	18.251	Peter Mundle(CA)	7-15-66
39	11-642	18.290	Denny Meyer(WA)	6-21-72
	p11-907	18.532	Maurice Simonet(FRA)	3-23-69
40	11-1330	18.919	J. Van Der Wansem(HOL)	10-16-90
	11-540	18.197	Ken Mueller(MA)	7- -77
41	11-677	18.322	Hal Higdon(IN)	4-29-73
42	11-793	18.428	Ron Franklin(GBR)	4-19-70
	11-524	18.182	Michael Tymn(HI)	7-22-79
43	11-466	18.129	Henri Salavarda(BEL)	8-31-80
	11-236	17.919	John Brennand(CA)	7-29-79
44	11-1260	18.855	Les Roberts(GBR)	10- 2-88
	11-740	18.379	Ray Hatton(OR)	8- 7-76
45	11-1268	18.862	Alain Mimoun(FRA)	3-20-66
	11-81	17.777	Earl Ellis(WA)	7-30-81
46	11-568	18.222	Wilfried Irmen(GFR)	6-17-79
	10-1520	17.483	Peter Mundle(CA)	7-27-74
47	11-844	18.475	Alain Mimoun(FRA)	3-17-68
	10-1212	17.202	James McDonagh(NY)	7-24-71
	p11-202	17.887	Ray Hatton(OR)	- -79
48	11-223	17.907	Hal Higdon(IN)	6-25-79
49	11-816	18.449	Alain Mimoun(FRA)	4-26-70
	10-1058	17.061	James Gallup(HI)	7-13-85
50	11-954	18.575	Alain Mimoun(FRA)	5-16-71
	10-1335	17.314	Peter Mundle(CA)	10- 1-78
51	11-440	18.105	Luciano Aquarone(ITA)	4-17-82
	10-535	16.583	Ed Demarrais(MA)	8-21-82
52	11-410	18.078	Luciano Aquarone(ITA)	4- 9-83
	10-847	16.868	Ed Demarrais(MA)	5-18-83
53	10-641	16.680	Bob Bartling(SD)	10- 7-79
54	10-385	16.445	Cliff Bould(AUS)	10- 4-70
	10-263	16.334	Hubert Morgan(PA)	5- 9-76
55	10-1194	17.185	John Gilmour(AUS)	10-14-74
	10-478	16.531	James O'Neil(CA)	4-25-81
56	10-775	16.802	James O'Neil(CA)	8- 4-81
57	9-1576	15.925	Hubert Morgan(PA)	5-13-79
58	10-910	16.926	John Gilmour(AUS)	11-12-77
	9-1073	15.465	Frances Kelley(US)	5-17-80
59	10-932	16.946	John Gilmour(AUS)	10-23-78
	9-1535	15.888	Clive Davies(OR)	6-14-75
60	10-831	16.853	John Gilmour(AUS)	10-21-79
	9-880	15.289	William Andberg(MN)	9-26-71
61	10-698	16.732	John Gilmour(AUS)	10-26-80
	10-201	16.277	Clive Davies(OR)	8- 7-76
62	9-1756	16.090	Clive Davies(OR)	6-17-78
63	9-843	15.255	Don Longenecker(NM)	12-30-79
	p9-1214	15.594	M. Bouder(FRA)	6-12-76
64	9-661	15.089	George Phipps(GBR)	9-12-90
	8-1639	14.373	Bob Boal(NC)	5- -76
65	9-1540	15.892	John Gilmour(AUS)	10- 7-84
	9-604	15.036	Norman Bright(WA)	6-13-75
66	9-360	14.813	Norman Bright(WA)	7-15-76
67	9-155	14.626	John Holoubek(CA)	8- 6-83
68	8-1659	14.392	Stan Nicholls(AUS)	10- 7-79
	8-1100	13.881	Wayne Zook(CA)	6-11-85
69	8-990	13.780	Ray Sears(IN)	5-15-76
70	9-1083	15.474	John Gilmour(AUS)	6-21-89
	8-1131	13.909	William Andberg(MN)	10- 4-81
71	9-173	14.642	Stan Nicholls(AUS)	6-14-83
	8-857	13.658	Ray Sears(IN)	5-14-78
72	8-1120	13.899	Stan Nicholls(AUS)	6- 6-84
	8-730	13.542	Ray Sears(IN)	6-20-79
73	8-901	13.699	Ray Sears(IN)	6-11-80
74	8-994	13.784	Ray Sears(IN)	6-10-81
75	8-899	13.697	Edward Benham(MD)	4- 9-83
76	8-131	12.995	Lou Gregory(FL)	9-30-78
77	7-889	12.078	Paul Spangler(CA)	6-12-76
78	7-1735	12.852	Paul Spangler(CA)	7-16-77
79	7-1291	12.446	Paul Spangler(CA)	7-29-78
80	6-1408	10.944	Paul Spangler(CA)	7-29-79
81	7-946	12.130	Paul Spangler(CA)	11- 1-80
82	5-1319	9.253	Willard Benton(CA)	6-17-86
83	7-141	11.394	Paul Spangler(CA)	8-14-82
84	6-1072	10.636	Paul Spangler(CA)	8- 6-83
85	6-472	10.088	Paul Spangler(CA)	11-18-84
87	4-171	6.594	Herb Kirk(MT)	2- 5-83
88	3-1063	5.800	Herb Kirk(MT)	1-21-84
91	3-1362 i	6.073	Herb Kirk(MT)	1-11-87

3000 METER STEEPLECHASE

35	8:33.6	Jouko Kuha(FIN)	8- 3-75
	9:31.4	Ian Cummings(CA)	5-23-87
36	8:33.4	Ivan Kabanov(URS)	7-27-75
	9:45.4	Barry Jahn(OR)	8-24-85
37	8:35.4	Gaston Roelants(BEL)	8- 4-74
	9:30.0	Ian Cummings(CA)	7- 8-89
38	9:06.8	Manuel Alonso(SPA)	8-17-68
	9:43.0	Howie Ryan(TX)	9-16-83
	p8:38.8	Mike Manley(OR)	- -80
39	9:00.2	Gaston Roelants(BEL)	5-23-76
	9:46.4	Denny Meyer(WA)	7-20-72
40	8:41.5	Gaston Roelants(BEL)	7- 6-77
	9:55.21	James Press(CA)	7-20-89
41	8:49.0	Alfons Ida(GFR)	7-12-75
	9:36.2	Hal Higdon(IN)	8-24-72
42	9:14.4	Jim McDonald(NZL)	2- 5-77
	9:38.0	Hal Higdon(IN)	6-24-73
43	9:20.6	Alfons Ida(GFR)	8-11-77
	9:51.2	Lew Faxon(VA)	9-24-83
	p9:00.7	Gaston Roelants(BEL)	- -80
44	9:18.6	Hal Higdon(IN)	8-15-75
45	9:16.2	Nils Undersaker(NOR)	9- 2-84
	9:50	Hal Higdon(IN)	6-27-76
46	9:25.28	Ron Robertson(NZL)	12- 5-87
	9:39.0	Hal Higdon(IN)	8-11-77
47	9:31.37	Antonio Villanueva(MEX)	12- 5-87
	9:56.90	Mike Manley(OR)	8- 5-89
48	9:27.90	Ron Robertson(NZL)	8- 5-89
	9:55.0	Hal Higdon(IN)	8- 1-79
49	9:37.79	Jouko Kuha(FIN)	6- -89
	10:13.9	Hal Higdon(IN)	1- 9-81
50	9:50.96	Nils Undersaker(NOR)	8- 5-89
	10:53.7	David Stevenson(CA)	7- 7-79
51	9:51.15	Nils Undersaker(NOR)	6-30-90
	10:31.01	Fay Bradley(DC)	7-20-89
52	10:13.0	Maurice Morrell(GBR)	5-11-85
	10:53.2	David Stevenson(CA)	1-14-81
53	10:19.4	Maurice Morrell(GBR)	7-12-86
	10:57.2	David Stevenson(CA)	8-28-82
54	10:34.8	Jan Kystad(NOR)	8- 1-79
	10:55.0	Ken Carman(MI)	8-13-82
55	10:45.9	Jan Kystad(NOR)	8- 6-80
	11:05.18	Don Slocomb(TX)	8- 5-89
56	10:39.0	Eligio Galicia(MEX)	8- 1-79
	10:59.2	Ken Carman(MI)	7-28-84
57	11:17.60	Ken Carman(MI)	6-27-85
58	11:18.36	Pierre Blanchou(FRA)	8- 5-89
	11:48.0	Alan Waterman(CA)	6-26-77
59	11:39.2	Alan Waterman(CA)	8-11-77
60	11:52.0	Olle Elvland(SWE)	9-13-78
	12:28.6	Avery Bryant(CA)	8-18-84
61	11:41.6	Olle Elvland(SWE)	8- 1-79
	12:49.4	David Stevenson(CA)	7-27-90
62	12:20.6	Olle Elvland(SWE)	1- 9-81
	12:25.8	Robert Mactarnahan(OR)	7- 6-74
63	12:33.6	Bob Boal(NC)	8-15-75
64	12:33.2	Bob Boal(NC)	4- 3-76
65	12:24.8	Norman Bright(WA)	8-15-75
66	12:42.0	Stan Nicholls(AUS)	1-28-78
	12:48.6	Bob Boal(NC)	5- 6-78
67	12:41.8	Stan Nicholls(AUS)	3-24-79
	13:21.4	Bob Boal(NC)	5- 5-79
68	13:07.4	Stan Nicholls(AUS)	11-24-79
	13:24.4	Bob Boal(NC)	4-26-80
69	12:57.6	Stan Nicholls(AUS)	1- 9-81
	13:32.8	Bob Boal(NC)	5- 9-81
70	13:26.6	Stan Nicholls(AUS)	4-10-82
	13:43.27	Eugene Keller(OH)	8-24-85
71	13:03.0	Stan Nicholls(AUS)	3- 8-83
	15:20.4	Bob Boal(NC)	8-13-83
72	13:43	Stan Nicholls(AUS)	11-12-83
	14:43.8	Bob Boal(NC)	5- 5-84
73	14:12.6	Stan Nicholls(AUS)	12-15-84
	14:53.0	Bob Boal(NC)	5- 4-85
74	14:56.6	Stan Nicholls(AUS)	12-21-85
75	15:21.0	Stan Nicholls(AUS)	11-15-86
76	17:04.6	Stan Nicholls(AUS)	2-13-88
	19:04.8	Lou Gregory(FL)	8-20-78
77	20:17.0	Nat Pisciotta(CA)	8- 9-81

110 METER HURDLES (42")

35	14.1	Ghulam Razik(PAK)	2-22-68
	14.6	Nate Robinson(FL)	4- 4-87
36	14.1	Ghulam Razik(PAK)	2-16-69
	17.2dec	Tom Thorne(KS)	7-29-79
37	14.5y	Tom Lavery(RSA)	4-16-49
	14.7	Mike Kelly(GA)	6-16-84
38	14.2y	Tom Lavery(RSA)	4- 8-50
	14.84	Nate Robinson(FL)	7-21-90
39	14.6	John Hinrich(GFR)	6-15-75
	16.5dec	Bob Lawson(US)	5-18-74
40	14.4y	Don Finlay(GBR)	8- 1-49
	20.6	Sam Adams(CA)	12-12-71
41	15.0	John Hinrich(GFR)	7-16-77
	15.0y	Valbjorn Thorlaksson(ICE)	9- 7-75
	15.6y	Art Barnard(CA)	2-13-71
	w14.8y	Don Finlay(GBR)	7-22-50
42	14.8y	Don Finlay(GBR)	7-21-51
	15.2	Walt Butler(CA)	2-11-84
43	16.3	Alois Krul(CZE)	6-13-70
	17.2dec	Hal Smith(CA)	12- -78
	p15.8	Guenter Ortmanns(GFR)	- -79
44	15.1	Valbjorn Thorlaksson(ICE)	5-10-79
	17.8	Barry Kline(PA)	3-31-84
45	15.2	Valbjorn Thorlaksson(ICE)	5-20-80
	17.8	Barry Kline(PA)	3-30-85
	p15.0	Valbjorn Thorlaksson(ICE)	- -79
46	15.1	Valbjorn Thorlaksson(ICE)	6-17-80
	17.7	Jeff Loubet(NM)	4-22-90
47	16.6	Buzz Porter(FL)	6-11-83
48	15.8	Jan Mirazek(CZE)	6-16-73
	18.2	Barry Kline(PA)	7- 9-88
49	17.0dec	Jack Greenwood(KS)	6-29-75
50	18.3	Jay Wallace(VA)	5-27-78
51	20.5dec	Jerry Stanners(CA)	12-14-86
52	19.9	Jerry Stanners(CA)	6- 6-87
53	20.5	Jerry Stanners(CA)	2-13-88
54	20.60dec	James McGrath(AUS)	1-12-86
	20.9	Jerry Stanners(CA)	2-11-89
55	22.3y	George Etherington(KS)	8- 2-75
56	19.2y	Charles Beaudry(TX)	8-17-75
57	23.6	Darold Skardvedt(WA)	12-11-88
58	24.42	Darrold Skartvedt(WA)	12-10-89
61	30.5dec	Stan Thompson(HI)	3-12-72
62	23.0dec	Bud Deacon(HI)	8-25-73
63	25.7y	Stan Thompson(HI)	7- 6-74
64	24.6y	Stan Thompson(HI)	12- 8-74
68	32.2y	Stan Thompson(HI)	2-11-79

110 METER HURDLES (39")

35	14.2	Thomas Malik(SC)	6-10-84
36	14.4	George Carty(CA)	6-24-82
	14.40	Nate Robinson(FL)	8- 5-88
	p14.25	Eddie Eberhart(TX)	8- 5-88
	w14.1	Stan Druckrey(WI)	6-29-85
	w14.4	Theo Viltz(CA)	6-23-79
37	13.9y	Walt Butler(CA)	6-11-78
38	14.3	Nate Robinson(FL)	6- 9-90
	w13.6y	Walt Butler(CA)	6-23-79
39	14.5	Walt Butler(CA)	7-12-80
	14.5	Stan Druckrey(WI)	7-17-88
	w14.33	Stan Druckrey(WI)	8-14-87
	w14.32	Lamar Miller(MI)	8-25-85
40	14.24	Stan Druckrey(WI)	7-30-89
	w14.2	Walt Butler(CA)	6-20-81
41	14.5	Walt Butler(CA)	5- 8-82
	w14.2	Stan Druckrey(WI)	7- 7-90
	w14.3	Walt Butler(CA)	5- 2-82
42	14.63	Richard Katus(POL)	7-30-89
	14.94	Ken Brinker(US)	7-30-89
	w14.8	Theo Viltz(CA)	7-31-85
	w14.9	Al Feola(CA)	6-28-75
43	14.9	Walt Butler(CA)	7-14-84
	p14.9	Valbjorn Thorlaksson(ICE)	- -78
44	14.90	Walt Butler(CA)	8-10-85
45	14.7y	Valbjorn Thorlaksson(ICE)	7- 8-79
	15.32	Walt Butler(CA)	7-18-86
	w15.1	Theo Viltz(CA)	5-28-88
46	15.0	Jack Greenwood(KS)	9-14-72
	15.0	Theo Viltz(CA)	5-27-89
47	15.4	Jack Greenwood(KS)	6-23-73
	w15.2y	Jack Greenwood(KS)	12-12-73
48	15.4	Walt Butler(CA)	7- 1-89
	15.4	Jack Greenwood(KS)	7- 7-74
49	15.6	Jack Greenwood(KS)	8-13-75
	w15.3	Jack Greenwood(KS)	8- 8-75
50	16.4	Jack Greenwood(KS)	6- 6-76
51	15.7	Valbjorn Thorlaksson(ICE)	9-12-85
	18.8	Jonathon Sharp(CO)	7- 2-72
	p15.5y	Jack Greenwood(KS)	- -77
52	18.7	Jonathon Sharp(CO)	7- 7-73
53	19.2	Orval Gillett(CA)	7- 2-72
54	19.8	Orval Gillett(CA)	7- 7-73
55	17.5	Charles Beaudry(TX)	8-24-74
56	18.4y	Charles Beaudry(TX)	8-17-75
57	18.1y	Charles Beaudry(TX)	12-14-75
60	27.5y	Stan Thompson(HI)	7-31-71
62	22.3y	Bud Deacon(HI)	7- 7-73
64	22.8y	Stan Thompson(HI)	12- 8-74
66	25.3	Stan Thompson(HI)	4-10-77
68	28.2y	Stan Thompson(HI)	3- 4-79
74	32.1	Stan Thompson(HI)	6-29-85

110 METER HURDLES (36")

40	15.0	Alvin Henry(CA)	6-24-78
	w14.7	Larry Sallinger(CA)	7- 9-83
41	14.3	Walt Butler(CA)	6-12-82
42	14.3	Walt Butler(CA)	7- 3-83
43	14.48	Walt Butler(CA)	8-25-84
44	14.9	Walt Butler(CA)	2- 8-86
45	14.7	Walt Butler(CA)	5-31-86
	w14.6	Walt Butler(CA)	5-24-86
46	15.4y	Jack Greenwood(KS)	4- 7-73
	w15.3	Walt Butler(CA)	7-18-87
47	16.1	Dave Jackson(CA)	3-31-79
48	15.6	Dave Jackson(CA)	6-21-80
	w14.9y	Jack Greenwood(KS)	10-19-74
	w15.0	Walt Butler(CA)	7- 8-89
49	16.5	Buzz Porter(FL)	4-13-86
	w16.2	Buzz Porter(FL)	1-12-86
	w16.4y	Phil Mulkey(GA)	6-12-82
50	15.5y	Jack Greenwood(KS)	7- 4-76
51	15.1	Jack Greenwood(KS)	8-10-77
52	15.8y	Jack Greenwood(KS)	5-26-79
53	15.57	Jack Greenwood(KS)	7- 8-79
54	16.0h	Andre Findeli(FRA)	8- 8-77
	16.00h	Clifford Murray(GUY)	9-28-83
	17.7	Tom Patsalis(CA)	6-26-76
	w15.74h	Clifford Murray(GUY)	9-23-83
	w16.8	Jerry Stanners(CA)	2-11-89
	w17.3	Phil Mulkey(GA)	7-12-87
55	16.6	Andre Findeli(FRA)	9-14-78
	16.8	Charles Beaudry(TX)	8-24-74
56	15.8	Jack Greenwood(KS)	9- 4-82
57	17.03h	Jack Greenwood(KS)	9-28-83
	w16.15	Jack Greenwood(KS)	9-29-83
58	17.3	Tom Patsalis(CA)	4-12-80
	w16.2	Jack Greenwood(KS)	8-17-84
59	16.6	Jack Greenwood(KS)	6- 9-85
60	20.5y	George Braceland(PA)	4- 6-74
61	21.5y	Claude Hills(PA)	4- 6-74

62	19.8y	Bud Deacon(HI)	4- 6-74
63	20.0	Bud Deacon(HI)	6-29-74
64	23.4y	Stan Thompson(HI)	12- 8-74
65	21.0	Harry Logan(AUS)	1-22-83
66	21.5	Harry Logan(AUS)	11-12-83
	23.1	Stan Thompson(HI)	4-10-77
67	22.1	Harry Logan(AUS)	10-27-84
	23.7	Stan Thompson(HI)	1-22-78
68	23.2	Stan Thompson(HI)	1- 7-79
69	25.2	Stan Thompson(HI)	10- 5-80
70	25.5	Stan Thompson(HI)	10-12-80
71	w34.7	Stan Thompson(HI)	8- 8-82
72	w25.1	Stan Thompson(HI)	8-14-83
	w31.6	Stan Thompson(HI)	10-24-82
74	29.8	Stan Thompson(HI)	7- 6-85

110 METER HURDLES (33")

50	16.4	Jay Wallace(VA)	7- 8-78
	p15.6	Charles Miller(US)	9- 5-87
51	15.85	Dave Jackson(CA)	8-21-83
	w15.1y	Jack Greenwood(KS)	7- 1-77
52	14.7	Jack Greenwood(KS)	8-19-78
53	16.7	Roy Chernock(NJ)	6-27-81
54	16.48	Jack Greenwood(KS)	7- 5-80
55	16.7y	Tom Patsalis(CA)	6-25-77
56	15.6	Jack Greenwood(KS)	7-24-82
57	15.8	Jack Greenwood(KS)	9-16-83
58	16.8y	Robert Hunt(CA)	6-11-78
59	17.3	Tom Patsalis(CA)	4-11-81
60	16.6	Andre Findeli(FRA)	6-30-83
	17.9	Robert Hunt(CA)	4-11-81
61	17.4	Trygve Syverson(NOR)	8-20-83
	18.1	Burl Gist(CA)	8-22-81
62	18.4	Alfred Guidet(CA)	4-12-80
63	19.6y	George Braceland(PA)	4- 2-77
64	17.9	Burl Gist(CA)	6-30-84
65	19.33	Alfred Guidet(CA)	8-21-83
66	19.97h	Robert Reckwardt(GFR)	7-31-79
	21.1y	Richard Lacey(NY)	6-13-76
	w16.4	Burl Gist(CA)	3-29-86
	w18.5	Boo Morcom(PA)	7-12-87
67	18.7	Burl Gist(CA)	5-16-87
68	19.3	Herb Miller(CA)	7- 1-84
69	21.3	Claude Hills(PA)	6-15-82
70	19.4	Herb Miller(CA)	10- 4-86
71	w27.4	Stan Thompson(HI)	8- 8-82
72	w23.3	Stan Thompson(HI)	8-14-83
	w26.1	Stan Thompson(HI)	10-24-82
73	32.2	Stan Thompson(HI)	10- 7-84
74	29.6	Stan Thompson(HI)	11- 4-84

110 METER HURDLES (30")

55	15.4	Charles Beaudry(TX)	8-24-74
56	15.9y	Charles Beaudry(TX)	8- 3-75
57	15.4y	Charles Beaudry(TX)	12-14-75
58	21.3	Jim Craine(HI)	11- 5-78
60	16.12	Jack Greenwood(KS)	8-31-86
	16.2	Andre Findeli(FRA)	7-13-83
61	16.38	Tom Patsalis(CA)	5-21-83
62	17.5	Robert Hunt(CA)	6-12-82
	w17.31	Robert Hunt(CA)	8- 6-82
63	17.0	Robert Hunt(CA)	5-21-83
64	17.60	Burl Gist(CA)	5-26-84
	w17.1	Burl Gist(CA)	5-12-84
65	18.28	Alfred Guidet(CA)	5-21-83
	w18.1	Burl Gist(CA)	5- 4-85
	w18.1	Alfred Guidet(CA)	5-14-83
66	18.15	Alfred Guidet(CA)	5-26-84
67	18.8	Herb Miller(CA)	5-21-83
68	19.3	Gilberto Gonzalez(PUR)	4-24-82
	19.7	George Braceland(PA)	7-31-82
	19.7	Claude Hills(PA)	6-21-80
69	19.1dec	Gilberto Gonzalez(PUR)	8- 1-82
	20.8	Richard Lacey(NY)	5-10-80
70	19.47	Gilberto Gonzalez(PUR)	5- 5-84
	20.07	Claude Hills(PA)	5- 7-83
71	19.7dec	Gilberto Gonzalez(PUR)	7- 8-84
	19.8	Harold Niebel(MD)	5-31-86
72	21.2	Claude Hills(PA)	7-28-84
	w19.9	Gilberto Gonzalez(PUR)	4-26-86
	w20.1y	Gilberto Gonzalez(PUR)	11- 2-85
	w21.2	Stan Thompson(HI)	8-14-83
73	23.0	Claude Hills(PA)	8- 4-85
	w20.5	Gilberto Gonzalez(PUR)	7-27-86
74	22.2	Claude Hills(PA)	6-29-86
	w20.3	Gilberto Gonzalez(PUR)	7-12-87
75	21.9	Russel Meyers(FL)	5- 5-79
76	20.93	Russell Meyers(FL)	7- 5-80
77	20.83	Russell Meyers(FL)	5- 9-81
78	25.7	Herbert Anderson(CO)	7-22-80
79	26.1	Herbert Anderson(CO)	7-25-81
80	26.0	Herbert Anderson(CO)	7-24-82
81	27.3	Herbert Anderson(CO)	9- 4-83
82	26.1dec	A. E. Pitcher(IN)	7- 8-84
83	30.4	A. E. Pitcher(IN)	7-20-85

100m HURDLES (33")

60	14.98	Jack Greenwood(KS)	7-18-86
61	15.5	Buck Bradbury(AL)	5-28-88
62	15.05	Jack Greenwood(KS)	6- 5-88
63	15.03	Jack Greenwood(CO)	7-30-89
64	17.3	Burl Gist(CA)	7-14-84
	w15.65	Jack Greenwood(CO)	8- 5-90
	w16.3	Tom Patsalis(CA)	3-29-86
65	16.4	Albertus Van Zyl(RSA)	8-29-87
	17.43	Robert Hunt(CA)	5-18-85
	w16.8	Tom Patsalis(CA)	5-30-87
	w17.09	Robert Hunt(CA)	8-25-85
66	17.7	Burl Gist(CA)	5-17-86
	17.7	Robert Hunt(CA)	7-11-86
	w16.5	Burl Gist(CA)	5-24-86
	w17.2	Robert Hunt(CA)	8- 2-86
67	17.7	Robert Hunt(CA)	6-20-87
	w17.3	Burl Gist(CA)	5-30-87
68	18.1	Robert Hunt(CA)	6-11-88
	w17.7	Robert Hunt(CA)	5-28-88
	w17.95	Herb Miller(CA)	8-17-84
69	17.79	Robert Hunt(CA)	7-30-89
	17.8	Burl Gist(CA)	7-16-89
	w17.5	Robert Hunt(CA)	7- 8-89
70	18.2	Herb Miller(CA)	6- 7-86
	18.2w	Gilberto Gonzalez(PUR)	9-10-83
71	20.9	Bert Morrow(CAN)	4-28-84
	21.9	Bud Deacon(HI)	8-13-82
	w19.2w	Claude Hills(PA)	9-10-83
72	20.1	Omer Hix(TX)	9-16-83
73	20.7	Omer Hix(TX)	5-19-84
75	22.3	Bob Boal(NC)	9- 5-87
76	26.2	Stan Thompson(HI)	3-28-87
77	22.8	Claude Hills(PA)	8-19-89
78	22.8	Claude Hills(PA)	8-18-90
80	20.2	Russell Meyers(FL)	6-24-84
81	24.6	A. E. Pitcher(IN)	8-14-83

80m HURDLES (30")

70	13.52	Teofilo Colon(PUR)	6-23-85
	14.52	Herb Miller(CA)	7-18-86
	w14.2	Alfred Guidet(CA)	5-28-88
	w14.5	Herb Miller(CA)	5-24-86
71	14.6	Alfred Guidet(CA)	5-27-89
	14.60h	Herb Miller(CA)	12- 4-87
	w14.4	Robert Reckwardt(GFR)	8-21-84
72	14.46	Robert Reckwardt(GFR)	6-23-85
	14.78	Alfred Guidet(CA)	6-16-90
	w14.6	Herb Miller(CA)	5-28-88
73	14.5	Herb Miller(CA)	5-27-89
74	14.92	Robert Reckwardt(GFR)	12- 5-87
	15.29	Frank Finger(VA)	7-30-89
75	15.0	Frank Finger(VA)	9- 1-90
76	16.23	Ahiti Pajunen(FIN)	7-30-86
	16.81	Claude Hills(PA)	8- 5-88
	w16.14	Bert Morrow(CAN)	7-30-89

77	16.4	Karl Trei(CAN)	6-21-86
	16.85dec	Claude Hills(PA)	7-28-89
	w16.22	Claude Hills(PA)	7-30-89
78	16.29	Ahiti Pajunen(FIN)	12- 5-87
	19.98	Bob Boal(NC)	5- 5-90
	w19.72	Bob Boal(NC)	8- 5-90
79	17.86	Karl Trei(CAN)	8-27-88
	19.24	Herbert Anderson(CO)	8-15-81
80	17.29	Karl Trei(CAN)	7-30-89
	17.5	Russell Meyers(FL)	7- 7-84
	w17.1	Karl Trei(CAN)	6-10-89
81	18.80	Karl Trei(CAN)	6-30-90
	19.79	A. E. Pitcher(IN)	6-11-83
82	19.5	A. E. Pitcher(IN)	5-26-84
83	21.48	A. E. Pitcher(IN)	5- 4-85

400 METER HURDLES (36")

35	49.72	James King(CA)	5-13-84
36	51.9	James King(CA)	5-13-85
37	53.4	George Smith(CAN)	6- 7-81
	54.18	Stan Druckrey(WI)	7-19-86
38	52.89	Bertil Wistam(SWE)	7- -78
	54.57	Mike Kelly(GA)	8-23-85
39	54.00	Stan Druckrey(WI)	8- 4-88
40	52.7	Stan Druckrey(WI)	7- 8-89
41	54.8	Jim Dixon(GBR)	5-27-73
	55.65	Stan Druckrey(WI)	8- 3-90
42	55.6h	Jim Dixon(GBR)	8-27-74
	57.72	Ted Cain(CA)	8-19-84
43	55.1	Jim Dixon(GBR)	6- 8-75
	57.67	Gary Miller(CA)	1- 9-81
44	55.5	Jim Dixon(GBR)	6-13-76
	57.1	Bill Knocke(CA)	7- 1-84
45	55.64	Guido Mueller(GFR)	8-25-84
	58.12	Hugh Adams(CA)	4-13-85
46	55.7	Jack Greenwood(KS)	8-24-72
47	55.18	Guido Mueller(GFR)	8- 1-86
	57.5	Jack Greenwood(KS)	7- 6-73
48	57.5	Jack Greenwood(KS)	7- 6-74
49	55.69	Guido Mueller(FRG)	6-25-88
	57.8	Jack Greenwood(KS)	8-15-75
50	61.8	Bill Knocke(CA)	9- 8-90
51	59.5	Jack Greenwood(KS)	7- 2-77
52	67.7	Jonathon Sharp(CO)	7- 6-73
53	88.5	Ed Reiner(CA)	8-24-72
54	66.7	Alfred Guidet(CA)	7- 1-72
55	63.6	Alfred Guidet(CA)	6-24-73
56	66.7	Boo Morcom(PA)	6-26-77
57	84.1	Jim Craine(HI)	2-19-78
58	77.8	Alex Lampard(AUS)	3-30-75
59	77.7	Alex Lampard(AUS)	4-17-76
60	79.0	Glenn Bradd(IL)	7-20-85
64	93.3y	Stan Thompson(HI)	12- 8-74
67	1:43.5	Stan Thompson(HI)	11-27-77
68	91.2	Stan Thompson(HI)	12-31-78
70	1:52.2	Stan Thompson(HI)	12- 7-80
72	1:50.7	Stan Thompson(HI)	8-28-83
74	1:51.4	Stan Thompson(HI)	7-20-85

400 METER HURDLES (33")

50	58.1	Jack Greenwood(KS)	7- 3-76
51	58.2	Jack Greenwood(KS)	8-11-77
52	59.70	Ovidio De Jesus(PUR)	8-23-85
	64.26	Lee Blount(MO)	8-19-84
53	59.04	Jack Greenwood(KS)	7-29-79
54	62.6	Andre Findeli(FRA)	8-11-77
	62.8	Rudolph Valentine(NY)	8-11-77
55	62.3	Andre Findeli(FRA)	9-10-78
	63.2	Boo Morcom(PA)	6-27-76
56	63.7	Robert Hunt(CA)	7- 3-76
57	59.85	Jack Greenwood(KS)	9-27-83
58	64.7	Jack Greenwood(KS)	7-21-84
59	64.92	Robert Hunt(CA)	7-29-79
60	72.8	Robert Hunt(CA)	6- 7-80
63	65.14	Jack Greenwood(CO)	9- 3-89
66	87.6	Bud Deacon(HI)	4-23-78
67	90.5	Stan Thompson(HI)	2- 5-78
68	94.6	Stan Thompson(HI)	11-26-78
69	1:42.0y	Stan Thompson(HI)	12-29-79
70	1:48.9y	Stan Thompson(HI)	12- 7-80
72	1:55.8	Stan Thompson(HI)	10-24-82

400 METER HURDLES (30")

60	64.45	Frans Buys(NOL)	5-31-85
	65.71	Jack Greenwood(KS)	8-31-86
61	66.37	Rudolph Valentine(NY)	5- 4-85
62	66.01	Rudolph Valentine(NY)	8-23-85
63	68.98	Trygve Syverson(NOR)	8- 3-85
	69.1	Bud Deacon(HI)	6-23-74
64	69.8	Rudolph Valentine(NY)	7-31-87
65	71.4	Robert Hunt(CA)	5-18-85
66	73.34	Alfred Guidet(CA)	8-19-84
67	75.2	Richard Lacey(NY)	7- 2-77
68	73.07	Frank Finger(VA)	5- 7-83
69	75.96	Frank Finger(VA)	7-28-84
70	77.50	Gilberto Gonzalez(PUR)	9-27-83
	83.86	Bob Boal(NC)	5- 8-82
71	80.6	Harold Niebel(MD)	9- 1-85
72	79.5	Gilberto Gonzalez(PUR)	8-23-85
	85.12	Bud Deacon(HI)	7-24-83
73	87.20	Richard Lacey(FL)	9-27-83
74	1:44.5	Konrad Boas(NY)	5- 6-78
75	92.5	Herbert Anderson(CO)	8-11-77
	p91.06	Erkki Haapalainen(FIN)	8- 3-85
76	94.46	Russell Meyers(FL)	7- 6-80
77	89.58	Russell Meyers(FL)	5- 9-81
78	96.5	Herbert Anderson(CO)	1-10-81
79	98.7	Herbert Anderson(CO)	9- 6-81
80	1:51.0	Herbert Anderson(CO)	7-24-82
81	2:02.6	Herbert Anderson(CO)	9- 3-83
83	2:05.51	A. E. Pitcher(IN)	6-26-85

HIGH JUMP

35	7'1	2.16 Viktor Bolshov(URS)	6-20-74
	6'8 1/4	2.04 Dave Allbritton(US)	6-26-48
36	7'0 3/4	2.15 Viktor Bolshov(URS)	5-30-75
	7'0	2.13 Dwight Stones(US)	8- 3-90
37	6'9	2.06 John Hartfield(CA)	8- 7-82
38	6'8 1/4	2.04 John Dobroth(CA)	5-26-79
39	6'8 1/2	2.04 John Hartfield(TX)	9- 2-84
40	6'9	2.06 John Hartfield(TX)	9- 1-85
	p6'9 1/2	2.07 J. Major(HUN)	6-30-90
41	6'8	2.03 John Hartfield(TX)	8- 2-86
42	6'7 1/4	2.01 John Hartfield(TX)	6-28-87
43	6'5	1.95 John Dobroth(CA)	10- 6-84
	6'4 3/4	1.95 Egon Nilsson(SWE)	9-14-69
44	6'6	1.98 John Dobroth(CA)	6- 1-85
45	6'2	1.88 Frank Costello(MD)	8- 5-89
	6'2	1.88 Franc Vivod(YUG)	8- 5-89
	p6'5 1/4	1.96 M. Chelnov(URS)	6-30-90
	p6'5 1/4	1.96 Asko Pesonen(FIN)	- -88
46	6'1 1/4	1.86 John Dobroth(CA)	8-29-87
47	6'1 1/2	1.87 R. Richardson(US)	6-28-80
48	6'2 3/4	1.90 Herm Wyatt(CA)	4-19-80
49	6'2	1.88 Herm Wyatt(CA)	5-30-81
50	6'0 3/4	1.85 R. Richardson(IL)	9-24-83
51	6'2	1.88 Herm Wyatt(CA)	8-21-83
52	6'2	1.88 Horst Mandl(AUT)	6-25-88
	5'11	1.80 Herm Wyatt(CA)	9-24-83
53	6'0	1.83 Herm Wyatt(CA)	5-18-85
54	6'0	1.83 Herm Wyatt(CA)	5-17-86
55	5'10 1/2	1.79 Herm Wyatt(CA)	5-23-87
56	5'8 1/4	1.73 John C. Brown(MO)	7-13-86
57	5'8 1/2	1.74 Herm Wyatt(CA)	6-25-89
58	5'6 1/2	1.69 Olavi Niemi(FIN)	8-25-90
	5'2	1.57 Burl Gist(CA)	7- 8-78
	5'2	1.57 Gordon Siefert(AL)	6-20-87
59	5'2 3/4	1.59 Gordon Siefert(AL)	7-25-87
60	5'4	1.62 John C. Brown(MO)	2-25-90
61	5'5 1/2	1.66 Jim Gillcrist(US)	8- 5-89
62	5'5 1/2	1.66 Jim Gillcrist(FL)	4-21-90
63	5'2 1/2	1.59 Harry Guth(MO)	10- 2-87
64	5'2 3/4	1.59 Burl Gist(CA)	4-28-84

65	5'1	1.55 Hans Bitter(GFR)	6-23-85
	5'0	1.52 Burl Gist(CA)	5- 4-85
66	5'0 3/4	1.54 Hans Bitter(GFR)	7-13-86
	5'0	1.52 Burl Gist(CA)	5-24-86
67	5'1	1.55 Burl Gist(CA)	8-29-87
68	4'11	1.50 Erik Stai(NOR)	7-28-84
	4'9 1/2	1.46 Burl Gist(CA)	4-30-88
69	4'10	1.47 Burl Gist(CA)	7-21-89
70	4'10 1/4	1.48 Ian Hume(CAN)	9- 8-84
	4'8 1/4	1.43 Burl Gist(CA)	10- 6-90
71	4'9	1.45 Ian Hume(CAN)	7-18-86
	4'5 1/4	1.35 Stan Thompson(HI)	8- 8-82
72	4'9	1.45 Ian Hume(CAN)	9- 6-86
	4'7 1/4	1.40 Stan Thompson(HI)	8-14-83
73	4'9	1.45 Ian Hume(CAN)	6-18-88
	4'6 1/2	1.38 Ham Morningstar(MI)	6- 5-90
	4'6 1/4	1.38 Stan Thompson(HI)	11-27-83
74	4'7 1/4	1.40 Ian Hume(CAN)	8-27-88
	4'7 1/4	1.40 Esko Kolhonen(FIN)	6-25-88
	4'5 1/4	1.35 Stan Thompson(HI)	5-11-85
75	4'8 3/4	1.44 Esko Kolhonen(FIN)	8- 4-89
	4'4	1.32 Stan Thompson(HI)	12-28-85
76	4'3	1.29 Herbert Anderson(CO)	10- 7-78
77	4'1 1/4	1.25 Herbert Anderson(CO)	7-28-79
	4'1 1/4	1.25 Tormod Resell(NOR)	6-23-85
78	4'2	1.27 Herbert Anderson(CO)	8-17-80
79	4'2	1.27 Herbert Anderson(CO)	9- 6-81
80	3'11 1/4	1.20 Herbert Anderson(CO)	8-28-82
81	3'10	1.17 Herbert Anderson(CO)	9- 3-83
	3'10	1.17 Buell Crane(ID)	8- 9-81
82	3'11 1/4	1.20 Gulab Singh(IND)	12- 1-87
	3'9 3/4	1.16 A. E. Pitcher(IN)	3-24-84
83	3'11 3/4	1.21 Gulab Singh(IND)	8- 4-89
	3'9 1/4	1.15 A. E. Pitcher(IN)	3-30-85
84	3'8	1.12 Buell Crane(ID)	7-14-84
	3'8	1.12 A. E. Pitcher(IN)	4-27-86
85	3'8 1/2	1.13 Buell Crane(ID)	7-26-85
86	3'6	1.06 Buell Crane(ID)	7-12-86
87	3'7	1.09 Buell Crane(ID)	7- 3-87
88	3'1 3/4	0.96 A. E. Pitcher(IN)	4- 3-90
89	3'4 1/4	1.02 Buell Crane(ID)	8- 4-89
90	3'5	1.04 Buell Crane(ID)	7-28-90
92	2'9 1/2	0.85 Collister Wheeler(OR)	7-26-85

POLE VAULT

35	18'2 1/2	5.55 Tadeusz Slusarski(POL)	2- 9-86
	16'1 1/4	4.91 Mike Hogan(CA)	5- 5-90
36	17'4 3/4	5.30 Kjell Isaksson(SWE)	8- 3-84
	17'4 3/4	5.30 K. Papanikolaou(GRE)	9- 9-77
	16'7	5.05 Stephen Smith(OR)	7-15-88
37	17'8 1/2	5.40 Antti Kalliomaki(FIN)	7-12-84
	15'9	4.80 Charles Polhamus(CA)	5-16-81
38	15'9 1/2	4.81 Charles Polhamus(CA)	4-17-82
39	15'9	4.80 Charles Polhamus(GA)	4-10-83
40	16'9 1/4	5.11 Kjell Isaksson(SWE)	8-20-88
	16'6	5.03 Steve Hardison(CA)	7-15-90
41	15'7	4.75 Rudolf Tomasek(CZE)	9- 8-78
	15'3	4.65 Charles Polhamus(GA)	6-29-85
42	15'2 1/2	4.63 Maurice Houvion(FRA)	6-12-77
	15'0 3/4	4.59 Kenneth Hiob(CA)	7-14-73
43	15'1 1/2	4.61 Charles Polhamus(GA)	10-25-86
44	15'1 1/4	4.60 Roger Ruth(US)	9- 7-72
45	15'5	4.70 Maurice Houvion(FRA)	4-12-80
	15'0	4.57 Roger Ruth(US)	7-21-73
46	15'1 1/4	4.60 Maurice Houvion(FRA)	7-18-80
	14'0 1/4	4.27 Joe Johnson(FL)	5- 5-90
	14'0 1/4	4.27 Bob Neutzling(FL)	5- 5-90
	14'0 1/4	4.27 Roger Ruth(US)	7- 7-74
47	14'11 1/4	4.55 Roger Ruth(US)	9-13-75
48	14'5 1/4	4.40 Maurice Houvion(FRA)	7-17-82
	14'0	4.27 Paul Richard(NJ)	7-20-86
	14'0	4.27 Roger Ruth(US)	5-23-76
	p15'5	4.70 Maurice Houvion(FRA)	- -82
49	14'5 1/4	4.40 Hans Lagerqvist(SWE)	7-21-89
	13'11 1/2	4.25 Vic Cook(CA)	1-31-82
	p14'11 1/2	4.56 Maurice Houvion(FRA)	- -83
50	14'5 1/4	4.40 Hans Lagerqvist(SWE)	6-30-90
	14'4	4.37 Vic Cook(CA)	7-25-82
51	13'7 3/4	4.16 Boo Morcom(PA)	8-25-72
52	14'0	4.27 Boo Morcom(PA)	11- 8-73
53	13'5	4.09 Jerry Donley(CO)	3-13-83
54	13'6 1/2	4.13 Boo Morcom(PA)	4- 3-76
55	13'6 1/4	4.12 Boo Morcom(PA)	8- 4-76
56	13'3	4.04 Boo Morcom(PA)	7-10-77
57	12'9	3.88 Boo Morcom(PA)	4-17-79
58	13'0	3.96 Boo Morcom(PA)	1-10-80
59	13'0 1/2	3.97 Boo Morcom(PA)	1-10-81
60	12'9 1/2	3.90 Herbert Schmidt(GFR)	9- 3-70
	12'4 3/4	3.78 Jerry Donley(CO)	2-25-90
61	12'9 1/2	3.90 Herbert Schmidt(GFR)	10-14-71
	12'6 1/2	3.82 Boo Morcom(PA)	2-26-83
62	11'11 3/4	3.65 Boo Morcom(PA)	5- 7-83
63	12'3 1/2	3.74 Boo Morcom(PA)	8- 2-84
64	12'0	3.66 Boo Morcom(PA)	8-31-85
65	12'4 1/2	3.77 Boo Morcom(PA)	8- 3-86
66	11'10 1/2	3.62 Boo Morcom(PA)	6- 8-87
67	11'6	3.50 Herbert Schmidt(GFR)	5-11-77
	11'1 1/2	3.39 Boo Morcom(PA)	1- 6-89
68	11'5	3.48 Boo Morcom(PA)	5-13-89
69	11'2	3.40 Herbert Schmidt(GFR)	8-15-79
	10'7 1/4	3.23 Boo Morcom(PA)	6-16-90
70	10'10	3.30 Herbert Schmidt(GFR)	9-14-80
	10'0	3.05 Jim Vernon(CA)	1-17-87
71	10'3	3.12 Jim Vernon(CA)	7-23-88
72	10'0	3.05 Jim Vernon(CA)	6- 3-89
73	10'0	3.05 Carol Johnston(CA)	4-13-85
74	9'9	2.97 Carol Johnston(CA)	4-26-86
75	9'6 1/4	2.90 Carol Johnston(CA)	2- 7-87
76	9'5 1/2	2.88 Carol Johnston(CA)	2-13-88
77	9'0	2.74 Carol Johnston(CA)	7- 1-89
78	8'8	2.64 Carol Johnston(CA)	1-13-90
79	7'0 1/4	2.14 Stan Thompson(HI)	10-29-89
80	6'10 3/4	2.10 Ahiti Pajunen(FIN)	6-30-90
	6'6 1/2	1.99 Bob Macconnaghy(CA)	5-28-88
81	6'1	1.85 A. E. Pitcher(IN)	9-17-83
82	6'2 3/4	1.90 A. E. Pitcher(IN)	5-26-84
83	6'5	1.95 A. E. Pitcher(IN)	1- 5-85
84	6'2	1.88 A. E. Pitcher(IN)	2-22-86
85	5'4	1.62 A. E. Pitcher(IN)	8- 2-87
86	5'8	1.73 A. E. Pitcher(IN)	5-14-88
87	5'4	1.62 A. E. Pitcher(IN)	9-24-89
88	4'6	1.37 A. E. Pitcher(IN)	2-18-90

LONG JUMP

35	25'11 1/2	7.91 Nenad Stekic(YUG)	7-13-86
	25'11 1/2	7.91 Reijo Toivonen(FIN)	1-30-72
	25'11	7.90 Tom Chilton(TN)	6- 8-72
36	25'0 3/4	7.64 Reijo Toivonen(FIN)	6-16-73
	25'0 1/4	7.62 Tom Chilton(TN)	5-19-73
	w26'1 3/4	7.97 Fidelis Ndyabagye(UGA)	5-10-85
37	24'7 1/4	7.50 Reijo Toivonen(FIN)	6- 8-74
	23'11 3/4	7.31 Tom Chilton(TN)	8-17-74
38	24'4 1/2	7.43 Mario Trombelli(GFR)	8- 4-79
	23'3 1/4	7.09 John Hartfield(TX)	9-17-83
	w24'7	7.49 Stan Whitley(CA)	6- 9-84
39	24'9	7.54 Stan Whitley(CA)	4-27-85
	w24'11	7.59 Stan Whitley(CA)	4-27-85
40	24'9	7.54 Hans Schicker(FRG)	7-24-88
	24'4 3/4	7.43 Tom Chilton(TN)	3-24-78
41	24'0 1/4	7.32 T. Taavitsainen(FIN)	6-26-85
	22'11 3/4	7.00 John Hartfield(TX)	2-22-86
	w23'4	7.11 John Hartfield(TX)	6- 7-86
42	23'6 3/4	7.18 Pericles Pinto(POR)	7- 8-79
	22'1 1/2	6.74 Stan Whitley(CA)	8- 4-88
	w22'4	6.81 Dave Jackson(CA)	6-22-74
43	23'9 1/2	7.25 Pericles Pinto(POR)	5-18-80
	23'2	7.06 Stan Whitley(CA)	7-29-89
44	22'11 1/2	7.00 Pericles Pinto(POR)	6-13-81
	21'8	6.60 John Hartfield(TX)	5-27-89
45	23'4 3/4	7.13 Pericles Pinto(POR)	5- 1-82
	21'11	6.68 Shirley Davisson(CA)	10- 4-75
46	23'10 1/4	7.27 T. Taavitskinen(FIN)	8-21-90
	21'8 3/4	6.62 Shirley Davisson(CA)	6-26-76
47	21'3 1/4	6.48 Pericles Pinto(POR)	8-21-84
	20'8 3/4	6.32 Dave Jackson(CA)	7-21-79
	w21'6 1/4	6.56 Shirley Davisson(CA)	4-24-77
	w21'5	6.53 Wolfgang Maier(GFR)	7-19-85
	w21'4 3/4	6.52 Sepp Bolsinger(FRG)	8-20-88
48	21'5 1/4	6.53 Wolf Reinhardt(GFR)	8- 9-77
	21'4	6.50 Rudy Enders(MD)	4-26-80
49	21'1	6.42 Shirley Davisson(CA)	2- 9-80
	w21'2	6.45 Pericles Pinto(POR)	7-29-86
50	21'10 1/4	6.66 Stig Backlund(FIN)	6-30-90
	21'1	6.42 Shirley Davisson(CA)	4-12-80
51	20'10 1/2	6.36 Darrel Horn(CA)	9- 8-90
52	20'0 1/2	6.11 Pericles Pinto(POR)	7-30-89
	19'5 1/2	5.93 Pete Stopoulos(IL)	9- 3-88
	w20'0 1/4	6.10 Tom Patsalis(CA)	4-28-74
53	20'8	6.30 Pericles Pinto(POR)	6-30-90
	19'2 3/4	5.86 Dave Jackson(CA)	6-28-85

54	19'10 1/2	6.06 Tom Patsalis(CA)	6-12-76
	p20'0 1/4	6.10 H. Kuschke(FRG)	7-30-88
	w20'3 1/2	6.18 Tom Patsalis(CA)	6-26-76
55	19'9 1/2	6.03 Tom Patsalis(CA)	3-12-77
	w20'8 3/4	6.32 Tom Patsalis(CA)	6-18-77
56	19'8 1/4	6.00 Dave Jackson(CA)	8-31-87
57	19'4 3/4	5.91 Olavi Niemi(FIN)	7-22-89
	19'4 1/4	5.90 Tom Patsalis(CA)	7-31-79
58	19'8 1/4	6.00 Tom Patsalis(CA)	8-16-80
59	20'0 1/4	6.10 Tom Patsalis(CA)	7-18-81
60	19'11	6.07 Tom Patsalis(CA)	7-10-82
61	18'11	5.76 Tom Patsalis(CA)	5- 1-83
	w19'1 3/4	5.83 Tom Patsalis(CA)	7- 9-83
62	17'4 3/4	5.30 Hans Schneider(GFR)	6-19-76
	17'4 1/2	5.29 Gordon Farrell(CA)	8-16-80
63	17'4	5.28 Hans Bitter(GFR)	7-17-83
	17'1 1/2	5.22 Gordon Farrell(CA)	7-18-81
	w17'2 3/4	5.25 Gordon Farrell(CA)	8- 8-81
	w17'6 1/2	5.34 Boo Morcom(PA)	- -84
64	16'10 1/2	5.14 Hans Schneider(GFR)	6-24-78
	16'10	5.13 Boo Morcom(PA)	1- 5-86
	w17'7 3/4	5.38 Hans Bitter(GFR)	8-21-84
	w16'11 1/4	5.16 Boo Morcom(PA)	9-14-85
65	17'4 1/4	5.29 Tom Patsalis(CA)	12- 1-87
	w17'7 3/4	5.38 Boo Morcom(PA)	7-13-86
66	17'2 1/4	5.24 Boo Morcom(PA)	6-20-87
	w17'11	5.46 Hans Bitter(GFR)	7-13-86
	w17'9 3/4	5.43 Hans Bitter(GFR)	7-29-86
67	16'3 3/4	4.97 G. Skrivervik(NOR)	7-29-88
	15'7 3/4	4.77 John Damski(CA)	10- 2-82
	15'8	4.77 Edwin Lukens(NY)	7- 8-89
	w16'1 1/2	4.91 John Satti(CA)	8-15-81
68	16'3	4.95 Edwin Lukens(NY)	12-15-89
69	15'7 3/4	4.77 Gilberto Gonzalez(PUR)	7-18-82
	14'7 3/4	4.46 John Satti(CA)	7-23-83
	w16'5	5.00 Gilberto Gonzalez(PUR)	7-18-82
70	16'2 1/4	4.93 John Alexander(TX)	5-12-90
	w16'6	5.03 Heikki Simola(FIN)	- -82
71	15'8 1/2	4.79 Ian Hume(CAN)	8-22-85
	14'3 1/4	4.35 Claude Hills(PA)	9-28-83
	w16'1 3/4	4.92 Mazumi Morita(JPN)	10- 6-84
72	14'10 3/4	4.54 Teodor Solheim(NOR)	8- 7-87
	14'2 1/2	4.33 Bill Morales(CA)	3- 5-89
	w15'4 1/4	4.68 Gilberto Gonzalez(PUR)	6-27-85
	w15'0	4.57 G. Marabotti(ITA)	12- 5-87
73	14'9 1/2	4.51 Ian Hume(CAN)	12- 9-87
	13'10 1/4	4.22 Claude Hills(PA)	8-20-85
	w15'4 3/4	4.69 Mazumi Morita(JPN)	3-28-87
	w14'11 1/4	4.55 Gilberto Gonzalez(PUR)	7-19-86
	w14'8 3/4	4.49 Carol Johnston(CA)	6- 8-85
74	13'4 1/4	4.07 Ian Hume(CAN)	8-27-88
	13'0 1/4	3.97 Winfield McFadden(CA)	7- 8-79
	p14'7 1/4	4.45 Gilberto Gonzalez(PUR)	- -87
	w15'6 3/4	4.74 Mazumi Morita(JPN)	12- 5-87
	w14'8 3/4	4.49 Esko Kolhonen(FIN)	6-25-88
75	15'5	4.70 Mazumi Morita(JPN)	12- 3-88
	12'9	3.88 John Satti(CA)	6-10-89
	w13'5 1/2	4.10 Claude Hills(PA)	7-11-87
	w13'1	3.99 Claude Hills(PA)	8-14-87
76	14'4	4.37 Mazumi Morita(JPN)	7-29-89
	12'10 1/2	3.92 Herbert Anderson(CO)	8- 5-78
77	14'0 1/2	4.28 Gulab Singh(IND)	9-23-83
	12'5 3/4	3.80 Claude Hills(PA)	7-27-89
78	11'11 3/4	3.65 Jeremiah Gaines(VA)	3-24-90
	w12'7	3.83 Antonio Gotay(PUR)	8-19-90
	w12'0	3.66 Joe Caruso(CA)	5-28-88
	w12'0	3.66 Walt Wesbrook(US)	6-26-76
79	12'1 3/4	3.70 Karl Trei(CAN)	3-11-89
	11'11 1/2	3.64 Joe Caruso(CA)	3- 5-89
	w12'11 1/4	3.94 Gulab Singh(IND)	6-27-85
	w12'8 1/2	3.87 Kamil Bilek(CZE)	4-27-89
80	12'5 1/4	3.79 Kamil Bilek(CZE)	6-30-90
	11'7	3.53 Walt Wesbrook(US)	6-24-78
81	11'5 1/2	3.49 Karl Trei(CAN)	5-27-90
	10'4 1/2	3.16 Buell Crane(ID)	8-16-81
	w10'8	3.25 Benjamin Fox(AZ)	7-19-86
82	12'5 3/4	3.80 Gulab Singh(IND)	12- 5-87
	9'11 3/4	3.04 Winfield McFadden(CA)	7-11-87
	w10'1	3.07 Winfield McFadden(CA)	5-23-87
83	12'11 1/2	3.95 Gulab Singh(IND)	7-29-89
	10'10 1/4	3.31 Everett Hosack(OH)	8-24-85
84	10'1 3/4	3.09 Winfield McFadden(CA)	7-22-89
85	9'1	2.77 Buell Crane(ID)	6- 6-85
86	8'6	2.59 Herbert Anderson(CO)	8- 5-88
	p10'9 1/4	3.28 Richard Kalbfuss(FRG)	9- 3-88
87	8'0	2.44 Buell Crane(ID)	12- 5-87
	w8'2	2.49 Buell Crane(ID)	8-14-87
88	8'4	2.54 Everett Hosack(OH)	4-21-90
	w8'6	2.59 Everett Hosack(OH)	9- 2-90
89	6'6 1/4	1.99 Buell Crane(ID)	7-29-89
90	8'0 1/4	2.44 Buell Crane(ID)	4-21-90
95	5'10	1.78 Collister Wheeler(OR)	7-22-88

TRIPLE JUMP

35	55'7 1/4	16.95 Ray Kimble(US)	8-12-88
36	52'6	16.00 Jozef Schmidt(POL)	8-14-71
	49'11 1/2	15.23 Dave Jackson(CA)	5-16-68
	w53'2 1/2	16.22 Jozef Schmidt(POL)	6-27-71
37	53'3 3/4	16.25 Jozef Schmidt(POL)	6-27-72
	48'9 1/4	14.86 Dave Jackson(CA)	5-24-69
38	49'10 1/2	15.20 Michael Sauer(GFR)	3-11-80
	48'7	14.81 Dave Jackson(CA)	3- 7-70
39	49'10 1/2	15.20 Milan Tiff(CA)	3- 5-88
	w50'5 1/4	15.37 Milan Tiff(CA)	5-28-88
40	50'9 3/4	15.49 Milan Tiff(CA)	6-18-89
41	51'6 1/4	15.70 Milan Tiff(CA)	8- 3-89
42	48'3 1/2	14.72 Michael Sauer(GFR)	5-26-84
	45'7	13.89 Dave Jackson(CA)	7- 7-74
43	47'1	14.35 Sean Power(GBR)	7- 5-86
	44'8 3/4	13.63 Dave Jackson(CA)	8-16-75
	w48'0	14.63 Sean Power(GBR)	5-10-86
	w47'5 1/4	14.46 Michael Sauer(GFR)	6-27-85
44	46'9 1/2	14.26 Pericles Pinto(POR)	5-24-81
	43'11	13.38 Dave Jackson(CA)	9-27-75
45	45'11 1/2	14.01 Pericles Pinto(POR)	7-14-82
	45'2 1/4	13.77 Dave Jackson(CA)	8-11-77
	w46'4 1/4	14.13 Derek Boosey(ITA)	11-29-87
	w45'2 1/2	13.78 Darrel Horn(US)	6-27-85
46	45'7 1/4	13.90 Hermann Strauss(GFR)	8-11-77
	44'11 1/2	13.70 Ira Davis(PA)	3-27-83
47	44'4 1/4	13.52 Pericles Pinto(POR)	8-20-84
	43'3 1/4	13.19 Dave Jackson(CA)	7-31-79
	p46'6 1/4	14.18 Stig Backlund(FIN)	7-28-87
	w45'1 3/4	13.76 Stig Backlund(FIN)	8-[illegible]-87
48	44'4 1/2	13.52 Dave Jackson(CA)	[illegible]-80
	w46'4 1/4	14.13 Stig Backlund(FIN)	[illegible]-29-87
49	45'0 1/4	13.72 Stig Backlund(FIN)	8- 1-89
	44'1 1/2	13.45 Dave Jackson(CA)	9- 1-80
50	44'8 1/4	13.62 Stig Backlund(FIN)	6-17-90
	43'3 1/2	13.19 Dave Jackson(CA)	7-10-82
	w46'2	14.07 Stig Backlund(FIN)	6-30-90
51	42'1 1/4	12.83 Horst Mandl(AUT)	12- 2-87
	41'6 1/4	12.65 Dave Jackson(CA)	8-22-83
	p44'5 1/2	13.55 Hermann Strauss(GFR)	- -82
	w43'7 3/4	13.30 Horst Mandl(AUT)	12- 2-87
	w43'5 3/4	13.25 Pericles Pinto(POR)	6-25-88
52	42'0 3/4	12.82 Dave Jackson(CA)	9-25-83
	w44'7 3/4	13.61 Horst Mandl(AUT)	6-25-88
53	41'11 1/2	12.79 Dave Jackson(CA)	5-25-85
	w42'6 1/4	12.96 Dave Jackson(CA)	6-27-85
	w42'1 1/2	12.84 Pericles Pinto(POR)	6-30-90
54	40'11 3/4	12.49 Jakob Rypdal(NOR)	7-26-80
	40'11 3/4	12.49 Hermann Strauss(GFR)	8-25-85
	40'10	12.44 Dave Jackson(CA)	6-28-86
	w42'7 1/2	12.99 Hermann Strauss(GFR)	6-27-85
55	41'10	12.75 Hermann Strauss(GFR)	7-28-86
	40'1 1/4	12.22 Dave Jackson(CA)	7-25-87
	w40'6	12.34 Dave Jackson(CA)	8-15-87
	w40'5	12.32 Tom Patsalis(CA)	6-26-77
56	42'0 3/4	12.82 Hermann Strauss(FRG)	8- 2-87
	40'6 3/4	12.36 Dave Jackson(CA)	12- 4-87
	w41'7	12.67 Dave Jackson(CA)	5-28-88
57	41'11 1/4	12.78 Olavi Niemi(FIN)	7- 2-89
	41'5	12.62 Gordon Farrell(CA)	1-18-75
58	39'8 1/2	12.10 Jakob Rypdal(NOR)	6-25-85
	39'4	11.99 Tom Patsalis(CA)	5-17-80
	w40'7 1/2	12.38 Olavi Niemi(FIN)	6-30-90
	w40'4 1/4	12.30 Jakob Rypdal(NOR)	8-20-84
59	40'6 1/4	12.35 Tom Patsalis(CA)	8- 9-81
60	39'3	11.96 Tom Patsalis(CA)	7-10-82
	p39'9 1/2	12.13 Amelio Compri(ITA)	3- 9-85
61	39'4 3/4	12.01 Vaclav Bartl(SWE)	12- 5-87
	39'4 3/4	12.01 Jakob Rypdal(NOR)	12- 5-87
	38'1	11.61 Tom Patsalis(CA)	9-25-83
	w38'8 3/4	11.80 Tom Patsalis(CA)	7- 9-83
62	39'0	11.89 Gordon Farrell(CA)	5-24-80
63	37'4 1/2	11.39 Jakob Rypdal(NOR)	8- 1-89
	36'3 1/2	11.06 Edwin Lukens(NY)	3-24-85
64	35'1	10.69 Edwin Lukens(NY)	1- 5-86
65	35'10	10.92 Amelio Compri(ITA)	3- 3-90
	35'7 3/4	1 86 Tom Patsalis(CA)	3-29-87

66	34'11 3/4	10.66	Ian Hume(CAN)	1-13-81
	33'10	10.31	Edwin Lukens(NY)	8-28-88
67	34'4 1/4	10.47	Edwin Lukens(NY)	7- 8-89
	p34'6 1/4	10.52	Heikki Simola(FIN)	8- 9-81
68	33'10	10.31	Rolf Gustavson(AUS)	6-25-85
	33'6	10.21	Edwin Lukens(NY)	5- 4-90
69	32'7 1/4	9.94	Ian Hume(CAN)	8-17-84
	29'5 1/2	8.98	Charles Mercurio(CA)	7-20-89
	p30'9 3/4	9.39	Tom Kennell(US)	5- 4-90
	w29'6	8.99	Winfield McFadden(CA)	10-19-74
70	32'5	9.88	Ian Hume(CAN)	5-25-85
	30'10	9.40	John Alexander(TX)	3-25-90
	w33'9 1/4	10.29	Rolf Gustavson(SWE)	8-31-87
	w33'4 1/2	10.17	Ian Hume(CAN)	6-26-85
71	32'9 3/4	10.00	Ian Hume(CAN)	7-26-86
	29'0	8.84	Robert Sorlien(RI)	12- 4-87
	w33'1 3/4	10.10	Mazumi Morita(JPN)	6-26-85
	w30'2 1/4	9.20	Robert Sorlien(RI)	8-21-88
72	31'0	9.45	Teodor Solheim(NOR)	8- 9-87
	29'1 1/4	8.87	Robert Sorlien(RI)	8-13-89
73	32'2 1/4	9.81	Teodor Solheim(NOR)	7-31-88
	28'1	8.56	Robert Sorlien(RI)	8- 5-90
	w28'5 1/2	8.67	Winfield McFadden(CA)	6-25-78
74	31'6 1/4	9.61	Mazumi Morita(JPN)	12- 4-87
	27'4	8.33	Winfield McFadden(CA)	7- 8-79
75	32'1	9.78	Esko Kolhonen(FIN)	8- 1-89
	28'2 3/4	8.60	Winfield McFadden(CA)	8-17-80
	w28'6 1/2	8.70	John Satti(CA)	6-10-89
	w28'3	8.61	Winfield McFadden(CA)	8- 9-80
76	28'1 3/4	8.58	Vittorio Colo(ITA)	3-13-88
	26'10 1/2	8.19	Winfield McFadden(CA)	8-16-81
	w31'2	9.50	Esko Kolhonen(FIN)	6-30-90
77	28'4 1/2	8.65	Gulab Singh(IND)	9-25-83
	25'3 3/4	7.71	Winfield McFadden(CA)	6-20-82
	w26'1	7.95	Winfield McFadden(CA)	8- 7-82
78	24'7 1/2	7.50	Buell Crane(ID)	6-29-78
	w26'2	7.97	Herbert Anderson(CO)	8-17-80
79	25'6 3/4	7.79	Winfield McFadden(CA)	7-15-84
	w29'5 1/2	8.98	Gulab Singh(IND)	6-27-85
80	24'5	7.44	Winfield McFadden(CA)	5-25-85
	w25'4 1/4	7.73	Winfield McFadden(CA)	6-27-85
81	23'8	7.21	Karl Trei(CAN)	6-30-90
	22'9	6.93	Winfield McFadden(CA)	10- 4-86
	w24'1 3/4	7.36	Karl Trei(CAN)	8-12-90
82	27'2 1/2	8.29	Gulab Singh(IND)	12- 4-87
	21'2 1/4	6.46	Robert Ulsh(CA)	8- 1-89
	w22'10 3/4	6.98	Benjamin Fox(AZ)	8-15-87
	w22'10 1/2	6.97	Winfield McFadden(CA)	5-23-87
83	25'8 3/4	7.84	Gulab Singh(IND)	8- 1-89
	20'0 1/2	6.11	A. E. Pitcher(IN)	7-20-85
84	22'7	6.88	Winfield McFadden(CA)	7-20-89
85	20'7 1/4	6.28	Winfield McFadden(CA)	7-21-90
	w21'4 3/4	6.52	Winfield McFadden(CA)	5-26-90
86	18'0	5.48	Buell Crane(ID)	7-12-86
87	17'5 1/2	5.32	Buell Crane(ID)	12- 4-87
	w17'7 1/2	5.37	Herbert Anderson(CO)	7- 1-90
88	16'7 3/4	5.07	Herbert Anderson(CO)	8- 5-90
89	14'3	4.34	Buell Crane(ID)	8- 1-89
90	18'1	5.51	Buell Crane(ID)	7-28-90
92	13'1	3.99	Collister Wheeler(OR)	7-27-85

SHOT PUT (16 pounds)

35	72'3	22.02	Brian Oldfield(CA)	5-16-81
36	70'10	21.59	Brian Oldfield(CA)	6- 2-81
37	69'7 1/2	21.22	Brian Oldfield(CA)	5-28-83
38	72'9 3/4	22.19	Brian Oldfield(CA)	5-26-84
39	69'5 1/4	21.16	Brian Oldfield(CA)	6- 8-84
40	70'3	21.41	Brian Oldfield(CA)	8-22-85
41	67'0	20.42	Brian Oldfield(IL)	8- 5-86
42	67'0 3/4	20.44	Ivan Ivancic(YUG)	7- 5-80
	61'5 1/2	18.73	Brian Oldfield(IL)	6-27-87
43	65'10 1/4	20.07	Ivan Ivancic(YOG)	7-18-81
	62'10	19.15	Brian Oldfield(IL)	6-18-88
44	66'7 3/4	20.31	Ivan Ivancic(YUG)	9-28-82
	54'1 1/2	16.50	Carl Wallin(NH)	8-30-86
45	68'1 3/4	20.77	Ivan Ivancic(YUG)	8-31-83
	55'2 1/2	16.83	Edward Hill(AL)	8-23-88
46	66'2	20.17	Ivan Ivancic(YUG)	6-11-84
	53'7	16.33	Carl Wallin(NH)	10-18-87
47	58'1 1/4	17.71	Pierre Colnard(FRA)	6-12-76
	52'6	16.00	Carl Wallin(NH)	9-10-89
	p59'11	18.26	Ivan Ivancic(YUG)	- -85
48	61'6 1/4	18.75	Ivan Ivancic(YUG)	9- 7-86
	52'5	15.97	Carl Wallin(NH)	10- 8-89
49	54'8 3/4	16.68	H. Hombrecher(GFR)	8-11-74
	49'9	15.16	Carl Wallin(NH)	10-21-90
50	54'6 1/4	16.62	H. Hombrecher(GFR)	9-18-75
	46'8 1/2	14.23	George Ker(CA)	4- 7-73
51	50'10 1/4	15.50	H. Hombrecher(GFR)	5-19-77
	46'4 1/2	14.13	George Ker(CA)	4-28-74
52	43'10 1/2	13.37	George Ker(CA)	6- 7-75
	43'10 1/2	13.37	Ted Wassam(CA)	7- 7-84
53	49'11 1/4	15.22	H. Hombrecher(GFR)	10-15-78
	42'4 1/4	12.91	George Ker(CA)	9-23-76
54	49'4 1/2	15.05	H. Hombrecher(GFR)	8-22-79
	44'8 1/2	13.63	George Ker(CA)	6-11-77
55	48'9	14.86	H. Hombrecher(GFR)	8-20-80
	42'10	13.05	George Ker(CA)	8-19-78
56	37'10	11.53	Thomas McDermott(CN)	2- 2-75
	p38'4 3/4	11.70	Alvis Hunner(GFR)	9- 7-74
57	42'0	12.80	Hans Schneider(GFR)	9- 4-71
	41'1	12.52	Cliff Blair(CT)	10-18-87
58	41'2	12.55	Cliff Blair(US)	6-11-88
59	44'8	13.61	Cliff Blair(US)	10- 8-89
60	42'7 1/2	12.99	Cliff Blair(US)	9- 2-90
61	39'4 1/2	12.00	Kurt Werner(GFR)	5-21-80
	36'7	11.15	David Shrader(KS)	7-10-76
62	36'0 1/4	10.98	Hans Schneider(GFR)	8-27-76
	33'6 1/2	10.22	Herb Cantor(NY)	7- 3-88
	p36'2 3/4	11.04	Hans Benz(GFR)	6-18-78
63	36'4	11.07	Bill Bangert(MO)	10- 3-87
64	34'7	10.54	Hans Schneider(GFR)	10- 7-78
	32'2	9.80	Jack Thatcher(CA)	12-14-80
	p36'1 1/4	11.00	Heinrich Fiedler(GFR)	10- 7-78
65	34'5	10.49	Hans Schneider(GFR)	6-20-79
	32'2 3/4	9.82	Jack Thatcher(CA)	12-13-81
66	34'0 3/4	10.38	Rudolf Leinen(GFR)	5-15-76
	33'8 1/4	10.27	William Walmroth(MI)	9-16-90
67	32'0 1/4	9.76	Karl Leitges(GFR)	6-12-76
	31'5	9.57	Andrew Jones(OH)	2-23-86
68	32'0 1/2	9.76	Ross Carter(OR)	8-21-82
69	34'5	10.49	Franz Meier(SWI)	10- 3-87
	33'2	10.11	Ross Carter(OR)	8-27-83
70	30'3 1/2	9.23	Ross Carter(OR)	6-30-84
	p32'0 1/2	9.76	Donald Cumley(NV)	- -90
71	32'1 1/2	9.79	Rudolph Zapp(GFR)	9-30-72
	29'5 1/2	8.98	Ross Carter(OR)	3-10-85
72	33'1 3/4	10.10	Ross Carter(OR)	8- 2-86
73	30'9	9.49	Ross Carter(OR)	8- 8-87
74	28'5 3/4	8.68	Ross Carter(OR)	2-11-89
75	28'7 3/4	8.73	Ross Carter(OR)	6-24-89
76	30'0 1/4	9.15	Ernst Korte(GFR)	8-31-80
	25'5 1/2	7.76	James York(CA)	7-16-89
77	23'4 1/4	7.12	Arnolds Ticmanis(CAN)	12-29-82
78	23'8 1/4	7.22	Arnolds Ticmanis(CAN)	12-17-83
	16'11 1/4	5.16	Arthur Wright(NY)	6-14-80
79	21'10 1/2	6.67	Arnolds Ticmanis(CAN)	10-23-85
	17'5 1/2	5.32	John Whittemore(CA)	12-10-78
80	21'9 1/2	6.64	Arnolds Ticmanis(CAN)	7-26-86
	17'7 1/2	5.37	John Whittemore(CA)	12- 9-79

SHOT PUT (6 kg)

50	57'7 1/4	17.56	H. Hombrecher(FRG)	8-14-75
51	48'9 1/4	14.86	Tom Wesselowski(KS)	1-11-86
	p55'4 1/4	16.87	Raimo Leino(FIN)	8- 3-85
52	48'2	14.68	James Hart(CA)	7-20-89
53	53'9	16.38	H. Hombrecher(FRG)	9-13-78
	45'1 3/4	13.76	Al Oerter(FL)	12-30-89
54	53'2 3/4	16.22	H. Hombrecher(FRG)	7-27-79
	43'7 1/4	13.29	Tom Wesselowski(KS)	7-20-89
55	52'4	15.95	Peter Speckens(FRG)	6-30-90
	46'7 1/2	14.21	Len Olson(VT)	3-28-87
56	48'9 1/2	14.87	Hans Potsch(AUT)	7-29-89
	43'9 1/2	13.35	Jack Erickson(TX)	3-28-87
57	43'5	13.23	Len Olson(VT)	8- 5-88
58	44'0	13.41	Cliff Blair(MA)	11-28-87
60	46'8 1/2	14.23	Cliff Blair(MA)	12- 8-89

SHOT PUT (5 kg)

60	52'8	16.05	Cliff Blair(MA)	9-29-90
61	49'2 1/4	14.99	T. Von Wachenfeldt(SWE)	7-29-89
	47'0	14.32	Phillip Brusca(MO)	8- 5-88
62	49'0 1/4	14.94	T. Von Wachenfeldt(SWE)	6-30-90
	46'2 1/4	14.08	Phillip Brusca(MO)	7-20-89
63	44'7 1/2	13.60	Michael Orlich(US)	7-20-89
64	47'5	14.45	Reino Nokelainen(FIN)	8-22-84
	39'8 1/2	12.10	William Walmroth(MI)	8-28-88
65	48'2 3/4	14.70	Reino Nokelainen(FIN)	8- 3-85
	43'6 1/4	13.26	Bill Bangert(CA)	6-22-89
66	44'4 3/4	13.53	Reino Nokelainen(FIN)	7-30-86
	40'7 3/4	12.39	William Walmroth(MI)	3-24-90
67	42'4	12.90	Erwin Ludwig(FRG)	11-29-87
	41'1 1/2	12.53	Thomas McDermott(FL)	1-12-86
68	43'4	13.21	Rolf Gustavson(SWE)	8- 3-85
	37'8 1/2	11.49	Mike Castaneda(CA)	8-14-87
69	43'8 1/2	13.32	Voitto Elo(FIN)	8-22-84
	36'6 1/2	11.14	Daniel Aldrich(CA)	11-29-87

SHOT PUT (4 kg)

70	46'1 1/4	14.05	Voitto Elo(FIN)	6-23-85
	39'7 1/2	12.08	Thomas McDermott(FL)	3-19-88
71	43'5	13.23	Ross Carter(OR)	3-30-85
72	43'11 1/2	13.40	Ross Carter(OR)	8- 2-86
73	41'2	12.55	Ross Carter(OR)	7-25-87
74	42'1 1/4	12.83	Voitto Elo(FIN)	3-19-89
	35'4 3/4	10.79	James York(CA)	7- 4-87
75	41'5 3/4	12.64	Ross Carter(OR)	9- 3-89
76	41'1 3/4	12.54	Ross Carter(OR)	5-13-90
77	38'7 1/2	11.77	Osmo Renvall(FIN)	11-28-87
	34'2 1/2	10.42	James York(CA)	7-21-90
78	36'6 1/4	11.13	Rudolf Leinen(FRG)	7-29-88
	31'5 3/4	9.59	Jack Wood(NC)	7- 7-90
79	25'7	7.80	Gordon Powell(FL)	12-28-88
80	30'7 1/4	9.33	Robert Sattler(FRG)	8- 1-90
	27'5 3/4	8.37	William Garthune(VA)	8- 5-88
81	27'8 3/4	8.45	Bob Macconnaghy(CA)	7-29-89
82	30'11 1/4	9.43	Karsten Brodersen(CHL)	7-29-89
	27'5	8.35	Vernon Kennedy(MO)	6-22-89
	p31'7 1/4	9.63	Peter Goic(YUG)	- -78
83	30'0 1/4	9.15	Lamberto Cicconi(ITA)	6-25-88
	25'11 1/2	7.91	Burt Degroot(CA)	9-23-90
	p30'3 1/4	9.22	Peter Goic(YUG)	- -79
84	26'1 3/4	7.97	Ernst Schmidt(FRG)	8- 1-90
	21'0 3/4	6.42	Everett Hosack(OH)	9-14-86
85	27'10 1/4	8.49	Lamberto Cicconi(ITA)	8- 1-90
	23'8 3/4	7.23	Herbert Anderson(CO)	8-14-87
86	21'4 1/4	6.51	Earl Salisbury(CA)	8- 4-90
	p25'8 3/4	7.84	Richard Kalbfuss(FRG)	5-14-88
87	25'0	7.62	Buell Crane(ID)	8-14-87
88	19'4 1/4	5.90	Herbert Anderson(CO)	8- 4-90
89	22'2 1/4	6.76	Buell Crane(ID)	7-29-89
90	22'10 1/2	6.97	Buell Crane(ID)	6-20-90
92	15'7 1/2	4.76	Jing-chan Wang(TAI)	11-28-87
93	14'1 1/4	4.30	Jing-chan Wang(TAI)	7-29-89
94	13'2 1/4	4.02	Otto Porath(FRG)	11-28-87
95	14'6	4.42	Tom Lane(CA)	9-24-89
96	15'4 3/4	4.69	Tom Lane(CA)	9-23-90
97	12'0 1/2	3.67	Otto Porath(FRG)	8- 1-90

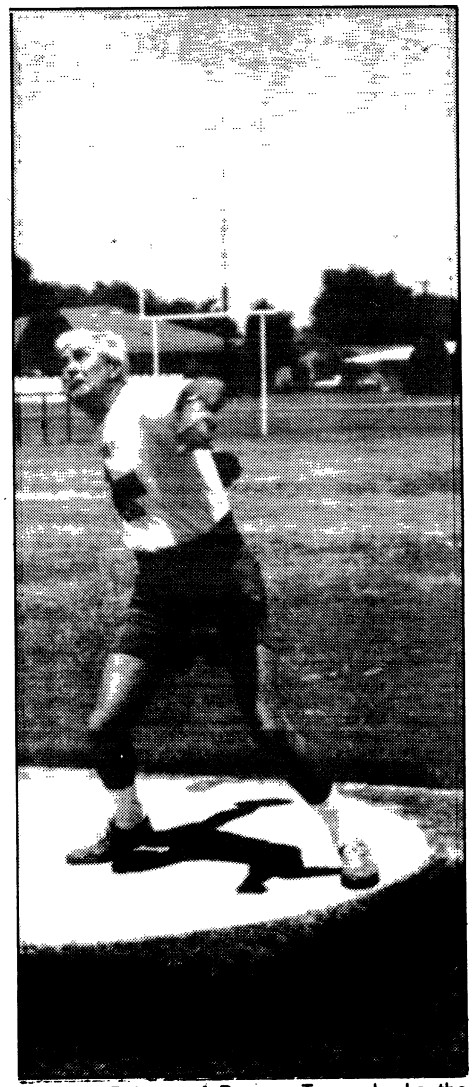
DISCUS THROW (2.0 kgs)

35	232'8	70.92	Wolfgang Schmidt(FRG)	9- 9-89
	227'2	69.24	Art Swarts(US)	5-31-80
36	233'9	71.24	John Powell(US)	6- 9-84
37	222'11	67.94	Mac Wilkins(CA)	4-23-88
38	233'9	71.26	Rickard Bruch(SWE)	11-15-84
	225'5	68.70	Art Swarts(US)	11-12-83
39	216'8	66.04	Vladimir Lyakhov(URS)	7-31-76
	212'2	64.68	Art Swarts(US)	5-26-84
40	220'9	67.28	Art Swarts(US)	9-15-85
41	213'1	64.96	Art Swarts(US)	3- 8-86
42	219'10	67.00	Al Oerter(NY)	4- 7-79
43	227'11	69.48	Al Oerter(NY)	5-31-80
44	225'7	68.76	Al Oerter(NY)	6- 7-81
45	216'11	66.12	Al Oerter(NY)	3-28-82
46	212'4	64.72	Al Oerter(NY)	10-30-82
47	222'9	67.90	Al Oerter(NY)	11-12-83
48	211'3	64.40	Al Oerter(NY)	9-15-85
49	204'9	62.42	Al Oerter(FL)	6-14-86
50	167'0	50.90	Kauko Jouppila(FIN)	6-17-71
	131'5	40.06	Len Olson(VT)	8-27-81
51	191'9	58.44	Al Oerter(FL)	7-23-88
52	178'0	54.26	Kauko Jouppila(FIN)	8- 5-73
	137'1	41.78	Wendell Palmer(TX)	7-21-84
53	162'6	49.54	Kauko Jouppila(FIN)	8-28-74
	132'5	40.36	Wendell Palmer(TX)	6-22-85
	p181'6	55.32	Al Oerter(FL)	- -90
54	168'0	51.22	Kauko Jouppila(FIN)	9- 2-75
	138'5	42.20	George Ker(CA)	6-19-77
55	158'11	48.44	Kauko Jouppila(FIN)	8- 7-76
	135'2	41.20	Wendell Palmer(TX)	6-20-87
56	162'11	49.68	Kauko Jouppila(FIN)	9- 3-77
	137'11	42.04	Wendell Palmer(TX)	5-14-88
57	157'2	47.90	Kauko Jouppila(FIN)	6-20-78
	131'2	39.98	Wendell Palmer(TX)	5-13-89
58	148'8	45.32	K. Maksimczyk(GBR)	8-12-72
	122'1	37.22	Wendell Palmer(TX)	6- 9-90
59	155'7	47.42	Kauko Jouppila(FIN)	5-27-80
	111'2	33.88	Len Olson(VT)	8-18-90
60	132'8	40.44	K. Maksimczyk(GBR)	8-12-74
	111'8	34.04	Bob Richards(CA)	9-20-86
	p133'2	40.60	H. Johnsson(ICE)	10- 9-87
61	123'9	37.74	Olav Reppen(NOR)	8-17-72
	101'8	31.00	David Shrader(KS)	10-11-75
62	120'8	36.80	Olav Reppen(NOR)	8-12-73
	106'10	32.56	Daniel Aldrich(CA)	12-14-80
	p149'2	45.46	Kauko Jouppila(FIN)	- -83
63	113'7	34.64	Jose Celaya(SPA)	9-29-73
	101'8	31.00	Bob Stone(CA)	5-19-84
	p115'9	35.28	Otto Eisermann(GFR)	9-22-77
64	115'11	35.34	Olav Reppen(NOR)	6- 8-76
	103'1	31.42	John Dick(CA)	9-14-76
65	114'6	34.90	Olav Reppen(NOR)	7-29-76
	101'3	30.86	John Dick(CA)	9-17-77
66	119'5	36.40	Olav Reppen(NOR)	8-30-77
	103'3	31.48	Daniel Aldrich(CA)	12-16-84
67	115'5	35.20	Olav Reppen(NOR)	8-10-78
	97'6	29.72	Daniel Aldrich(CA)	1- 5-86
68	108'5	33.06	Olav Reppen(NOR)	9-12-79
	103'1	31.42	Peter Gulgin(FL)	3-10-84
69	103'11	31.68	Olav Reppen(NOR)	9- 4-80
	89'7	27.30	Philip Partridge(NY)	12-27-80
70	115'0	35.06	Olav Reppen(NOR)	9-12-81
	89'5	27.25	Philip Partridge(NY)	2-10-82
71	118'0	35.98	Olav Reppen(NOR)	9-11-82
	103'5	31.52	Thomas McDermott(FL)	9-16-89
72	108'5	33.04	Olav Reppen(NOR)	9-20-83
	82'5	25.12	Stanley Herrmann(CA)	1- 8-77
73	104'8	31.92	Olav Reppen(NOR)	8-23-84
	74'2 1/2	22.62	Philip Partridge(NY)	7-21-84
74	104'5	31.84	Olav Reppen(NOR)	8- 8-85
	72'3	22.02	Philip Partridge(NY)	4-13-85
75	80'5 1/2	24.52	Leon Joslin(WA)	6- 6-87
76	72'5	22.07	Leon Joslin(WA)	7-22-88
77	75'8 3/4	23.08	Leon Joslin(WA)	7-12-89
78	77'9 1/2	23.71	Leon Joslin(WA)	6-20-90
79	59'5	18.12	John Whittemore(CA)	12-10-78
80	59'0	17.98	John Whittemore(CA)	12- 9-79

DISCUS THROW (1.6/1.5 kgs)

40	182'8	55.68	Bob Humphreys(CA)	4- 3-76
41	182'11	55.76	Rick Ryckmann(TX)	8- 4-82
42	200'8	61.16	Rick Ryckmann(TX)	7-21-83
43	169'3	51.60	Chuck Chapin(NY)	4- 9-88
44	198'7	60.54	Rick Ryckmann(TX)	6- 8-85
45	200'6	61.12	Lloyd Higgins(CA)	5-30-87
46	181'2	55.22	Rick Ryckmann(TX)	6-28-87
47	167'8	51.10	Fortune Gordien(CA)	6-30-70
48	182'2	55.52	Fortune Gordien(CA)	4-24-71
49	194'10	59.38	Rick Ryckmann(TX)	9-29-90
50	214'3	65.30	Al Oerter(FL)	12-28-86

51	209'4	63.80	Al Oerter(FL)	11- 7-87
52	205'10	62.74	Al Oerter(FL)	8- 3-89
53	197'11	60.34	Al Oerter(FL)	9-23-89
54	174'10	53.30	Peter Speckens(FRG)	8- 3-89
	168'1	51.24	Steward Thomson(CA)	10- 3-87
55	164'3	50.06	Bertil Tallberg(SWE)	8-31-87
	163'6	49.84	Wendell Palmer(TX)	7-25-87
56	177'1	53.98	Kauko Jouppila(FIN)	9- 3-77
	171'0	52.12	Wendell Palmer(TX)	5-14-88
57	169'7	51.70	Wendell Palmer(TX)	6-11-89
58	161'10	49.34	Kauko Jouppila(FIN)	7-27-79
	159'0	48.46	Wendell Palmer(TX)	7-14-90
59	163'	49.70	Kauko Jouppila(FIN)	8- 6-80
	135'4	41.26	Len Olson(VT)	9- 1-90



Wendell Palmer of Pampa, Texas, broke the age-58 AR for the 2 Kg discus (134.0) and the WRs for the 1.5 Kg. (166-1) and the 1 Kg. (185.0), in Texas.

60	139'3	42.46	Jose Celaya(SPA)	6-26-71
	139'0	42.38	Bob Richards(CA)	9-14-86
61	140'3	42.76	K. Maksimczyk(GBR)	8-13-75
	115'2	35.10	Philip Partridge(NY)	8-24-72
62	127'11	39.00	Jose Celaya(SPA)	10-14-72
	114'2	34.80	Bob Stone(CA)	8- 3-82
63	129'	39.34	Jose Celaya(SPA)	10-14-73
	120'0	36.58	Bob Stone(CA)	5-12-84
64	117'	35.68	Jose Celaya(SPA)	10-12-74
	116'7	35.54	John Dick(CA)	9-14-76
65	133'9	40.78	Jose Celaya(SPA)	6-12-76
	116'11	35.64	Bob Stone(CA)	3- 1-86
66	132'10	40.50	Jose Celaya(SPA)	9- 4-76
	118'	35.96	Bob Stone(CA)	8- 7-86
67	130'7	39.80	Olav Reppen(NOR)	8-10-78
	121'0	36.88	Peter Gulgin(FL)	8- 1-83
68	127'11	39.00	Olav Reppen(NOR)	9-12-79
	105'4	32.10	Peter Gulgin(FL)	8-28-83
69	120'10	36.84	Olav Reppen(NOR)	9- 4-80
	103'0	31.40	Bob Stone(CA)	8-15-89
70	127'10	38.96	Olav Reppen(NOR)	9-12-81
	105'9	32.24	Philip Partridge(NY)	9-12-81
71	128'11	39.30	Olav Reppen(NOR)	9-11-82
	97'6	29.72	Peter Gulgin(FL)	8-30-86
72	122'11	37.46	Olav Reppen(NOR)	9-20-83
	96'10 1/2	29.53	Thomas McDermott(FL)	4- 1-90
73	119'6	36.42	Olav Reppen(NOR)	8-23-84
	87'6	26.67	Philip Partridge(NY)	7-28-84
74	117'10	35.92	Olav Reppen(NOR)	8- 8-85
	87'4	26.62	Philip Partridge(NY)	7-13-85
75	90'1	27.46	Leon Joslin(WA)	6-10-87
76	85'0 1/2	25.92	Leon Joslin(WA)	7-20-88
77	66'6	20.28	Arnolds Ticmanis(CAN)	12-28-82
78	87'3	26.59	Leon Joslin(WA)	7-11-90
79	66'1	20.14	Arnolds Ticmanis(CAN)	10-23-85
80	46'3 1/2	14.11	Gordon Powell(FL)	4- 1-90

DISCUS THROW (1.0 kg)

56	182'0	55.48	Wendell Palmer(TX)	6- 5-88
57	196'4	59.84	Wendell Palmer(TX)	5-13-89
58	181'8	55.38	Wendell Palmer(TX)	6- 9-90
59	166'10	50.86	Daniel Aldrich(CA)	6-25-78
60	183'7	55.96	Kauko Jouppila(FIN)	8- 7-81
	173'2	52.78	Daniel Aldrich(CA)	2-17-79
61	187'2	57.06	Kauko Jouppila(FIN)	7-16-82
	166'7	50.78	Bob Richards(CA)	10- 3-87
62	174'1	53.06	Daniel Aldrich(CA)	8-16-80
63	175'3	53.42	K. Maksimczyk(GBR)	6- 8-78
	165'6	50.44	Daniel Aldrich(CA)	7-18-81
64	173'6	52.90	K. Maksimczyk(GBR)	7-16-78
	162'6	49.54	Daniel Aldrich(CA)	10- 2-82
65	182'6	55.64	K. Maksimczyk(GBR)	9-17-79
	164'10	50.24	Daniel Aldrich(CA)	4-29-84
66	163'1	49.72	Thomas McDermott(CN)	5- 1-84
67	158'1	48.18	Olav Reppen(NOR)	8-10-78
	154'11	47.22	Daniel Aldrich(CA)	10- 5-85
68	157'9	48.08	Olav Reppen(NOR)	9-12-79
	151'11	46.32	Daniel Aldrich(CA)	7-19-86
69	150'7	45.90	Daniel Aldrich(CA)	4-30-88
70	153'5	46.76	Olav Reppen(NOR)	9-18-81
	142'6	43.44	Daniel Aldrich(CA)	3- 5-89
71	156'6	47.70	Olav Reppen(NOR)	9-11-82
	138'1	42.10	Thomas McDermott(FL)	8- 3-89
72	143'1	43.62	Olav Reppen(NOR)	9-20-83
	141'5	43.10	Thomas McDermott(FL)	7-21-90
73	142'1	43.32	Olav Reppen(NOR)	8-23-84
	134'1	40.88	Ross Carter(OR)	4-25-87
74	141'4	43.08	Olav Reppen(NOR)	8- 8-85
	122'11	37.46	Ross Carter(OR)	3- 5-89
75	136'6	41.60	Osmo Renvall(FIN)	7-19-86
	127'10	38.96	Ross Carter(OR)	7- 9-89
76	134'0	40.84	Osmo Renvall(FIN)	8-31-87
	127'1	38.74	Ross Carter(OR)	3-11-90
77	133'11	40.84	Osmo Renvall(FIN)	12- 4-87
	109'11	33.50	Leon Joslin(WA)	6-28-89
78	109'8	33.44	Rudolf Leinen(FRG)	7-30-88
	103'8	31.60	Leon Joslin(WA)	6-27-90
79	124'2	37.84	Osmo Renvall(FIN)	6-30-90
	97'9	29.79	Vernon Cheadle(CA)	10- 7-89
80	112'6	34.30	Karsten Brodersen(CHL)	12- 7-87
	97'3	29.64	Ken Carnine(CA)	4-30-88
81	103'9	31.62	Ken Carnine(CA)	7- 8-89

82	105'6	32.16	Karsten Brodersen(CHL)	8- 3-89
	88'8	27.02	Burt Degroot(CA)	6-21-89
83	95'6 1/2	29.12	Lamberto Cicconi(ITA)	12- 4-87
	86'11	26.49	Burt Degroot(CA)	7-21-90
84	89'10 3/4	27.40	Jakob Schumann(GFR)	7-29-86
	76'10	23.42	Benjamin Fox(AZ)	7-22-89
85	88'11 3/4	27.12	Lamberto Cicconi(ITA)	9-12-90
	72'11 1/2	22.24	Benjamin Fox(AZ)	8- 3-90
86	67'7	20.60	Buell Crane(ID)	7-11-86
87	69'2	21.08	Buell Crane(ID)	7- 3-87
88	64'1	19.53	Buell Crane(ID)	7-22-88
89	59'3	18.06	Buell Crane(ID)	8- 3-89
90	67'6	20.57	Buell Crane(ID)	6-20-90
92	50'11	15.52	Collister Wheeler(OR)	7-26-85
93	28'10 1/2	8.80	Jing-chan Wang(TAI)	8- 3-89
94	34'7	10.54	Otto Porath(GFR)	12- 4-87
95	48'7	14.81	Collister Wheeler(OR)	7-22-88
96	47'7 1/2	14.51	Collister Wheeler(OR)	6-30-89
97	33'0	10.06	Otto Porath(FRG)	8- 4-90

HAMMER THROW (16 pounds)

35	271'8	82.80	Yurly Syedikh(URS)	8-12-90
	246'0	74.98	Dave McKenzie(CA)	7-21-84
36	254'11	77.70	Oleg Dyatlov(URS)	7-20-85
	232'4	70.82	Dave McKenzie(CA)	6-16-85
37	255'8	77.92	Gianpaulo Urlando(ITA)	8-28-82
	241'9	73.68	Dave McKenzie(CA)	6-14-86
38	255'2	77.78	Gianpaulo Urlando(ITA)	7-30-83
	227'0	69.20	Harold Connolly(CA)	3-22-70
39	256'5	78.16	Gianpaulo Urlando(ITA)	7-25-84
	221'10	67.62	Harold Connolly(CA)	5-23-71
40	232'7	70.90	Romuald Klim(URS)	6-22-73
	224'1	68.30	Harold Connolly(CA)	5- 7-72
	p234'11	71.60	O. Djatlov(URS)	6-30-90
41	234'1	71.36	Sreko Stiglic(YUG)	6-21-84
	212'8	64.82	Ed Burke(CA)	6-20-81
42	241'10	73.72	Ed Burke(CA)	7- 9-82
43	243'1	74.10	Ed Burke(CA)	6-12-83
44	243'11	74.34	Ed Burke(CA)	4-28-84
45	206'3	62.86	Sreko Stiglic(YUG)	9- -88
	198'5	60.48	Ed Burke(CA)	5-18-85
	p201'10	61.52	Ed Burke(CA)	- -85
46	201'7	61.44	Hans Potsch(AUT)	8-12-79
	167'9	51.14	Matt McGrath(US)	8-25-23
	p197'1	60.08	Tom Gage(US)	7-15-89
47	202'0	61.58	Hans Potsch(AUT)	8- 1-80
	188'0	57.30	Tom Gage(MT)	8- 5-90
48	205'1	62.52	Hans Potsch(AUT)	7-18-81
	177'6	54.10	Matt McGrath(US)	8-29-25
49	200'5	61.10	Hans Potsch(AUT)	7-14-82
	180'2	54.92	Bob Backus(MA)	6-20-76
50	193'5	58.96	Hans Potsch(AUT)	9- 3-83
	186'4	56.80	Bob Backus(MA)	5-22-77
51	181'4	55.28	Karl Hein(GFR)	8- 8-59
	180'7	55.04	Bob Backus(MA)	7- 8-78
52	180'0	54.86	Bob Backus(MA)	7-21-78
53	168'1	51.24	Karl Hein(GFR)	6-18-61
	157'9	48.10	Bob Backus(MA)	7-29-79
54	171'4	52.24	Karl Hein(GFR)	6-17-62
	162'0	49.38	Bob Backus(MA)	6-13-81
55	175'0	53.34	Bob Backus(MA)	8- 9-81
56	164'10	50.26	Karl Hein(GFR)	6-16-64
	164'1	50.02	Bob Backus(MA)	8-21-82
	p173'11	53.02	Karl Hein(GFR)	- -64
57	158'11	48.44	Richard Rzehak(GFR)	10-19-86
	154'4	47.04	Bob Backus(MA)	8-28-83
58	140'10	42.92	Matt McGrath(US)	6-22-35
59	150'9	45.96	Cliff Blair(US)	9-10-89
60	152'10	46.58	Karl Hein(GFR)	10-20-68
	138'5	42.20	Cliff Blair(US)	9- 2-90
61	130'11	39.92	Erik Andervarn(SWE)	8-26-79
	105'11	32.28	Jim Minah(CA)	2-15-81
62	125'5	38.24	Olav Reppen(NOR)	8- 2-73
	102'4	31.20	Bob Stone(CA)	1- 8-83
63	132'2	40.28	Aarne Miettinen(FIN)	9-26-76
	101'6	30.94	Bob Stone(CA)	2- 4-84
64	124'1	37.82	Thomas McDermott(CN)	12- 4-82
65	119'10	36.54	Thomas McDermott(CN)	12-28-83

66	123'0	37.50	Thomas McDermott(CN)	11-10-84
67	115'4	35.16	Olav Reppen(NOR)	8-10-78
	93'6 3/4	28.52	Bob Stone(CA)	7- 4-87
68	113'1	34.48	Olav Reppen(NOR)	9- 6-79
	103'3	31.48	Nolan Fowler(TN)	5- 8-82
69	109'5	33.36	Olav Reppen(NOR)	7-27-80
	100'11	30.76	Nolan Fowler(TN)	12-28-82
70	113'4	34.54	Olav Reppen(NOR)	9-13-81
	77'4	23.57	Stanley Herrmann(CA)	1-18-75
71	107'5	32.74	Olav Reppen(NOR)	10- 7-82
	81'10	24.94	Stanley Herrmann(CA)	1-10-76
72	108'1	32.96	Olav Reppen(NOR)	9-20-83
	79'3	24.15	Stanley Herrmann(CA)	1- 8-77
73	109'8	33.44	Olav Reppen(NOR)	8-23-84
	70'4	21.44	James York(CA)	7- 9-86
74	101'7	30.96	Olav Reppen(NOR)	8- 8-85
	82'6	25.16	Stanley Herrmann(CA)	1-14-79
75	69'4 1/4	21.14	Norman Hawke(NZL)	12- 6-86
	61'7 3/4	18.79	James York(CA)	2- 4-89
76	83'1	25.32	Stanley Herrmann(CA)	8-31-80
77	57'5	17.50	Arnolds Ticmanis(CAN)	12-29-82
78	53'8 1/2	16.37	Arnolds Ticmanis(CAN)	12-18-83
	48'1	14.67	Arthur Wright(NY)	6-14-80
79	52'6	16.00	Arnolds Ticmanis(CAN)	10-23-85
	46'2	14.07	John Whittemore(CA)	12-10-78
80	53'3 1/2	16.24	Arnolds Ticmanis(CAN)	7-26-86
	50'11	15.53	John Whittemore(CA)	12- 9-79

HAMMER THROW (6 kg)

50	198'0	60.36	Hans Potsch(AUT)	10-14-83
	125'3	38.18	James Hart(CA)	7-18-87
51	208'0	63.40	Hans Potsch(AUT)	8-20-84
	163'5	49.82	Steward Thomson(CA)	7-15-84
52	202'8	61.78	Hans Potsch(AUT)	9-28-85
	151'2	46.08	Bob Humphreys(CA)	8- 4-88
53	201'10	61.52	Hans Potsch(AUT)	6-28-86
	168'11	51.48	Joe Chadbourne(OH)	8- 4-84
54	208'6	63.56	Hans Potsch(AUT)	11-29-87
	153'3	46.72	Steward Thomson(CA)	8-16-87
55	204'8	62.40	Hans Potsch(AUT)	7-16-88
	197'8	60.26	Bob Backus(MA)	8- 2-81
56	197'2	60.10	Hans Potsch(AUT)	8- 4-89
	166'0	50.60	Steward Thomson(CA)	6-18-89
57	209'0	63.70	Hans Potsch(AUT)	6-30-90
	167'8	51.10	Bob Backus(MA)	5-27-84
58	186'6	56.84	Richard Rzehak(FRG)	6-25-88
	150'9	45.96	Cliff Blair(MA)	12- 7-87
59	160'3	48.84	Cliff Blair(MA)	7- 8-89
60	150'11	46.00	Eino Antilla(FIN)	9-24-83
61	142'0	43.28	Erik Andervarn(SWE)	7-29-79
	137'3	41.84	Thomas McDermott(FL)	7-29-79
62	145'5	44.32	Erik Andervarn(SWE)	8- 6-80
	p146'7	44.68	Francisco Fraguso(MEX)	8- 9-81
63	157'10	48.12	Aarne Miettinen(FIN)	9-12-76
65	133'8	40.74	Thomas McDermott(FL)	9-24-83
66	140'0	42.68	Aarne Miettinen(FIN)	7-29-79
67	144'2	43.94	Aarne Miettinen(FIN)	8- 6-80
	126'10	38.68	Nolan Fowler(TN)	1-14-81
68	131'6	40.10	Olav Reppen(NOR)	8- 9-79
69	131'5	40.06	John Fraser(AUS)	4-20-84
	119'9	36.32	Nolan Fowler(TN)	8-13-83
70	131'11	40.22	Olav Reppen(NOR)	8-27-81
71	122'4	37.28	Olav Reppen(NOR)	10- 7-82
72	121'6	37.04	Olav Reppen(NOR)	9-20-83
	82'1	25.02	Louis Peresenyi(CA)	1-12-81
73	128'7	39.20	Olav Reppen(NOR)	8- 9-84
74	120'1	36.60	Olav Reppen(NOR)	8- 8-85
75	89'3	27.20	Stanley Herrmann(CA)	7-29-79
76	109'3	33.30	Verner Andersson(SWE)	7-14-82
77	104'8	31.92	Karsten Brodersen(CHL)	9-13-84
	p106'2	32.36	Verner Andersson(SWE)	- -83
78	91'1	27.76	Verner Andersson(SWE)	9-16-84
80	111'9	34.08	Peter Goic(YUG)	6- 6-76
82	88'6	26.98	Peter Goic(YUG)	9-16-78
83	78'7	23.96	Peter Goic(YUG)	7-29-79

HAMMER THROW (5 kg)

60	188'0	57.30 Pentti Saarikoski(FIN)	7-31-86
	172'9	52.66 Cliff Blair(MA)	9-29-90
61	190'3	58.00 Pentti Saarikoski(FIN)	8-26-87
	147'5	44.94 Bob Richards(TX)	8-16-87
62	153'2	46.68 Eino Anttila(FIN)	6-23-85
	135'7	41.34 Awin Phillip(NY)	8-25-90
63	182'3	55.56 Pentti Saarikoski(FIN)	8- 4-89
	137'5	41.88 Len Mozhaev(PA)	8- 4-89
64	144'5	44.02 Alfons Sonneck(FRG)	8-24-85
	134'1	40.88 William Walmroth(MI)	8-27-88
65	154'2	47.00 Wolfram Hausmann(FRG)	12- 4-87
	118'10	36.22 Bill Bangert(CA)	7-21-89
	p156'10	47.80 Veikko Pohjonen(FIN)	- -85
66	160'3	48.86 Eino Anttila(FIN)	7-21-89
	134'1	40.88 Thomas McDermott(FL)	8-19-84
67	154'10	47.20 Eino Anttila(FIN)	6-30-90
	131'8	40.14 Thomas McDermott(FL)	6-22-85
68	134'2	40.90 Thomas McDermott(FL)	7-19-86
69	125'9	38.34 Thomas McDermott(FL)	8-16-87
70	136'10	41.72 John Fraser(AUS)	6-23-85
71	127'11	39.00 Roy Foley(AUS)	12- 9-87
	118'7	36.16 Nolan Fowler(TN)	6-23-85
72	124'10	38.06 Aarne Miettinen(FIN)	6-23-85
73	122'4	37.28 Berno Wischmann(FRG)	8-21-84
74	106'5	32.44 Berno Wischmann(FRG)	6-23-85
75	96'11	29.54 Nolan Fowler(TN)	4-29-89
78	81'1 1/4	24.72 Albert Reiser(FRG)	8-21-84
79	72'9 1/4	22.18 Albert Reiser(FRG)	6-23-85
	57'7	17.55 Gordon Powell(FL)	4-29-89
82	73'7 1/2	22.44 Jakob Schumann(FRG)	8-21-84
	46'7	14.20 Burt Degroot(CA)	4-29-89
85	89'6 3/4	27.30 Friederich Bender(FRG)	6-23-85

HAMMER THROW (4 kg)

70	148'5	45.24 Roy Foley(AUS)	12- 1-87
	142'2	43.34 Thomas McDermott(FL)	4-15-88
71	155'11	47.54 Roy Foley(AUS)	3-20-88
	139'3	42.44 Thomas McDermott(FL)	8- 4-89
72	153'7	46.82 Olav Reppen(NOR)	9-20-83
	145'3	44.28 Thomas McDermott(FL)	8- 5-90
73	143'4	43.70 Roy Foley(AUS)	4-14-90
	122'1	37.22 Nolan Fowler(TN)	5- 2-87
74	129'0	39.32 Emil Schottle(FRG)	6-25-88
	117'9	35.90 Nolan Fowler(TN)	8-27-88
75	133'5	40.66 Osmo Renvall(FIN)	6-15-86
	119'6	36.42 Nolan Fowler(TN)	8- 4-89
	p150'8	45.92 Aarne Miettinen(FIN)	- -88
76	128'1	39.04 Karsten Brodersen(CHL)	9-24-83
	107'4	32.72 Nolan Fowler(TN)	5- 5-90
77	121'11	37.16 Osmo Renvall(FIN)	12- 1-87
	90'3	27.51 James York(CA)	8- 5-90
78	108'5	33.04 Berno Wischmann(FRG)	8- 4-89
	84'1 1/2	25.64 Don Pierotti(CA)	7-21-89
79	119'5	36.40 Osmo Renvall(FIN)	6-30-90
	77'6	23.62 Robert Ulsh(CA)	5- 2-87
80	112'5	34.28 Karsten Brodersen(CHL)	12- 1-87
	61'11	18.87 Gordon Powell(FL)	8- 7-89
81	91'4 1/2	27.85 Jakob Schumann(FRG)	9-24-83
	82'9	25.22 Robert Ulsh(CA)	7-30-88
82	92'3	28.12 Karsten Brodersen(CHL)	8- 4-89
	81'3 1/2	24.78 Robert Ulsh(CA)	8- 4-89
83	79'7 1/4	24.26 Gulab Singh(IND)	8- 4-89
	78'1	23.80 Robert Ulsh(CA)	9- 8-90
	p124'3	37.88 Friederich Bender(FRG)	- -84
84	54'4	16.56 Everett Hosack(OH)	5- 3-86
85	52'9	16.08 Everett Hosack(OH)	5- 2-87
86	48'3	14.70 Buell Crane(ID)	7-12-86
87	54'3 1/2	16.55 Buell Crane(ID)	8-16-87
89	51'1 1/2	15.58 Buell Crane(ID)	8- 4-89
90	55'8	16.97 Buell Crane(ID)	4-21-90

JAVELIN THROW (800 grams)

35	286'1	87.20 Janis Zirnis(URS)	5-14-83
	268'1	81.72 William Floerke(KS)	7-21-79
36	282'10	86.22 Janusz Sidlo(POL)	5- 7-70
	240'6	73.30 Stephan Seymour(CA)	6-22-57
37	283'2	86.32 Janis Lusis(URS)	5-30-76
	251'1	76.54 Stephan Seymour(CA)	8- 1-58
38	265'11	81.06 Urs Von Wartburg(SWI)	7-13-75
	250'8	76.40 Larry Stuart(CA)	3-28-76
39	270'5	82.42 Urs Von Wartburg(SWI)	8-21-76
	243'9	74.30 Larry Stuart(CA)	3-27-77
40	258'1	78.66 Urs Von Wartburg(SWI)	8-10-77
	238'0	72.54 Larry Stuart(CA)	8-20-78
41	257'4	78.44 Urs Von Wartburg(SWI)	6-10-78
	242'9	74.00 Larry Stuart(CA)	6- 9-79
42	259'1	78.98 Urs Von Wartburg(SWI)	8- 2-79
	241'6	73.62 Larry Stuart(CA)	5-24-80
43	250'4	76.30 Urs Von Wartburg(SWI)	7-12-80
	230'0	70.10 Larry Stuart(CA)	6- 7-81
44	243'6	74.22 Urs Von Wartburg(SWI)	7-25-81
	228'8	69.70 Larry Stuart(CA)	7-13-82
45	232'5	70.84 Urs Von Wartburg(SWI)	7-15-82
	211'4	64.42 Larry Stuart(CA)	5-21-83
46	238'10	72.80 Larry Stuart(CA)	5-12-84
47	218'0	66.46 Jan Smiding(SWE)	7- 5-79
	207'5	63.22 Larry Stuart(CA)	7-13-85
48	239'7	73.02 Larry Stuart(CA)	6-14-86
49	221'5	67.50 Larry Stuart(CA)	5-30-87
50	215'9	65.76 Larry Stuart(CA)	4-30-88
51	214'3	65.30 Larry Stuart(CA)	8- 9-89
52	208'5	63.54 Jan Smiding(SWE)	6- 2-84
	179'9	54.80 Robert Youngs(CT)	7-20-86
53	205'10	62.74 Jan Smiding(SWE)	8- 4-85
	176'7	53.82 Philip Conley(CA)	7-30-83
	p181'6	55.32 William Duckworth(GA)	8- 4-88
54	193'5	58.96 Veikko Kujala(FIN)	9-13-86
	175'1	53.38 William Duckworth(GA)	6-17-89
55	189'3	57.70 Jan Smiding(SWE)	8-18-87
	179'8	54.76 Bill Morales(CA)	3-11-72
	p192'1	58.56 L. Kittsteiner(CHL)	10-12-79
56	183'9	56.02 Veikko Javanainen(FIN)	7-15-82
	180'9	55.10 Bill Morales(CA)	4-19-73
	p189'0	57.62 Veikko Javanainen(FIN)	- -82
57	172'0	52.42 Veikko Javanainen(FIN)	9-26-83
	166'6	50.76 Bill Morales(CA)	6-22-74
58	168'2	51.26 Deles Pickarts(CA)	8-25-85
59	173'5	52.86 Hans Overland(NOR)	8-20-83
	166'7	50.78 Deles Pickarts(CA)	8- 3-86
60	167'8	51.10 Deles Pickarts(CA)	2-21-88
61	165'7	50.48 Deles Pickarts(CA)	4-17-88
62	153'4	46.74 Deles Pickarts(CA)	7- 1-89
63	140'5	42.80 Deles Pickarts(CA)	9-23-90
64	132'5	40.36 Gordon Nordgren(LA)	5-12-83
65	135'1	41.18 Gordon Nordgren(LA)	6-23-84
66	125'8	38.30 Gordon Nordgren(LA)	6- 8-85
67	131'6	40.08 Gordon Nordgren(LA)	8- 9-86
68	128'0	39.02 Gordon Nordgren(LA)	8- 1-87
69	112'2	34.20 Gordon Nordgren(LA)	8-20-88
70	112'1	34.16 Gordon Nordgren(LA)	6-10-89
71	110'7	33.72 Gordon Nordgren(LA)	5- 4-90
72	89'4	27.23 Bob Macconnaghy(CA)	1-25-81
73	119'7	36.46 Manuel White(PHI)	8-11-89
	83'1	25.32 Philip Partridge(NY)	7-21-84
74	121'1	36.90 Manuel White(PHI)	8-25-90
	86'9	26.46 A. Redmond Doms(CA)	2-14-82
75	93'10	28.60 William Eipel(NY)	6- -88
76	78'9	24.00 A. Redmond Doms(CA)	8- 6-83
77	88'9	27.05 William Eipel(NY)	6- 3-90
78	53'3 3/4	16.25 Arnolds Ticmanis(CAN)	12-17-83
79	73'2	22.30 Herbert Anderson(CO)	7-25-81
80	77'7	23.65 Herbert Anderson(CO)	7-24-82
81	68'10	20.98 Herbert Anderson(CO)	9- 3-83
82	81'4	24.79 Herbert Anderson(CO)	7-28-84
83	51'11 3/4	15.84 Frank Furniss(FL)	9-16-90
85	74'5 1/2	22.69 Herbert Anderson(CO)	9- 5-87
87	54'7 1/2	16.65 Herbert Anderson(CO)	7- 4-90

JAVELIN THROW (600 grams)

50	176'6	53.82 Arthur Grayburn(NZL)	2-26-78
	171'0	52.12 Stephan Seymour(CA)	6-19-71
51	168'5	51.34 Arthur Grayburn(NZL)	3-24-79
52	169'6	51.68 Arthur Grayburn(NZL)	3-29-80
	151'9	46.26 Daniel Aldrich(CA)	6-19-71
53	170'2	51.88 Arthur Grayburn(NZL)	11-29-80
	147'1	44.84 R. Bergenbeck(TN)	10-18-80
54	173'8	52.94 Arthur Grayburn(NZL)	1-17-82
	167'8	51.10 Bill Morales(CA)	3-20-71
55	175'8	53.54 Bill Morales(CA)	4- 8-72
56	176'9	53.88 Bill Morales(CA)	6- 2-73
57	167'6	51.06 Arthur Grayburn(NZL)	3-17-85
	165'3	50.38 Bill Morales(CA)	4- 6-74
58	161'6	49.22 Arthur Grayburn(NZL)	9- 9-86
	150'5	45.84 Charles McMahon(CA)	8- 8-73
59	176'4	53.76 Veikko Javanainen(FIN)	8- 4-85
	157'6	48.00 Peter Fetter(CA)	1-25-81
60	191'10	58.48 Deles Pickarts(CA)	11-28-87
61	184'6	56.24 Deles Pickarts(CA)	6-18-88
62	176'11	53.94 Deles Pickarts(CA)	7-23-89
63	178'9	54.50 Aloysius Sibidol(BRU)	9-26-83
	160'1	48.80 Deles Pickarts(CA)	9-23-90
64	162'1	49.40 Mauri Mertakivi(FIN)	6-23-85
	153'9	46.86 Daniel Aldrich(CA)	2-19-83
65	168'2	51.26 Bill Morales(CA)	3-13-82
66	160'5	48.90 Mauri Mertakivi(FIN)	8-31-87
	147'4	44.90 Bill Morales(CA)	5-21-83
67	158'11	48.44 Bill Morales(CA)	4-28-84
68	153'11	46.92 Bill Morales(CA)	2-23-85
69	154'5	47.08 Aloysius Sibidol(MAL)	7-30-89
	153'6	46.78 Bill Morales(CA)	2-22-86
70	157'9	48.08 Bill Morales(CA)	8-16-87
71	148'1	45.14 Bill Morales(CA)	6- 4-88
72	151'6	46.18 Bill Morales(CA)	7-30-89
73	136'8	41.66 Gerhard Schepe(GFR)	6-22-85
	112'11	34.42 Emery Curtice(CA)	5-31-80
74	131'9	40.16 Manuel White(PHI)	7-22-90
	114'4	34.86 Emery Curtice(CA)	8-16-81
75	134'1	40.88 Gerhard Schepe(FRG)	8- 8-87
	108'0	32.92 Emery Curtice(CA)	7-24-82
76	126'4	38.52 Gerhard Schepe(GFR)	12- 5-87
	101'6	30.94 Emery Curtice(CA)	5-21-83
77	120'8	36.78 Gerhard Schepe(FRG)	7-30-89
	104'10	31.96 Emery Curtice(CA)	5-20-84
78	103'6	31.54 Emery Curtice(CA)	5-18-85
79	99'0 1/4	30.18 Emery Curtice(CA)	7- 6-86
80	97'5	29.71 Herbert Anderson(CO)	8-29-82
81	89'6 3/4	27.30 Ken Carnine(CA)	7- 8-89
82	88'8 1/2	27.04 Karsten Brodersen(CHL)	8- 1-89
	83'1 3/4	25.34 Emery Curtice(CA)	8- 1-89
83	76'5	23.29 Herbert Anderson(CO)	8-31-85
84	75'6	23.01 Herbert Anderson(CO)	8-30-86
85	66'0	20.11 Herbert Anderson(CO)	8-16-87
86	59'1	18.01 Herbert Anderson(CO)	8- 4-88
87	64'1	19.53 Herbert Anderson(CO)	9- 2-89
88	57'4	17.47 Buell Crane(ID)	7-23-88
89	52'5 1/4	15.98 Buell Crane(ID)	8- 1-89
90	57'2	17.42 Buell Crane(ID)	7-28-90
92	47'2	14.37 Collister Wheeler(OR)	7-27-85
93	25'11	7.90 Jing-chan Wang(TAI)	8- 1-89
95	46'10	14.27 Collister Wheeler(OR)	7-23-88
96	39'0	11.89 Collister Wheeler(OR)	7- 1-89

WEIGHT THROW (35 pounds)

35	69'2 1/2	21.09 George Frenn(CA)	2-25-77
36	67'6	20.57 Al Hall(US)	2- 6-71
37	68'4	20.83 Harold Connolly(CA)	2-15-69
38	70'2 3/4	21.40 Harold Connolly(CA)	1-30-70
39	67'5 3/4	20.57 Bob Backus(MA)	3- 4-66
40	67'9	20.65 Bob Backus(MA)	3- 4-67
41	69'10	21.28 Ed Burke(CA)	1-16-82
42	71'7	21.82 Ed Burke(CA)	9-25-82
43	73'10 3/4	22.52 Ed Burke(CA)	1- 8-84
44	64'0 1/2	19.52 Ed Burke(CA)	2-22-85
45	64'3	19.58 Harold Connolly(CA)	1- 8-77
46	57'7	17.55 Tom Gage(MT)	2- 3-90
47	63'5	19.33 Harold Connolly(CA)	2- 3-79
48	55'9 1/2	17.00 Harold Connolly(CA)	2- 1-80
49	58'8	17.88 Bob Backus(MA)	2-22-76
50	62'0 1/2	18.91 Bob Backus(MA)	2-25-77
51	64'1 1/4	19.54 Bob Backus(MA)	2-24-78
52	65'0	19.81 Bob Backus(MA)	7-21-78
53	57'6	17.52 Bob Backus(MA)	9- 2-79
54	54'7 1/2	16.65 Bob Backus(MA)	6-13-81
55	57'5	17.50 Bob Backus(MA)	12-27-81
56	59'0	17.98 Bob Backus(MA)	8-27-82
57	51'5 1/4	15.68 Bob Backus(MA)	5-27-84
58	50'0	15.24 Richard Rzehak(FRG)	12- 7-87
	45'1	13.74 Cliff Blair(US)	9-26-88
59	41'8	12.70 Cliff Blair(US)	3-18-89
60	43'6 1/2	13.27 Bob Backus(MA)	9- 3-86
61	39'2	11.94 Bob Richards(CA)	10- 3-87
62	32'11 3/4	10.05 Nolan Fowler(TN)	4- 3-76
63	38'2	11.63 Thomas McDermott(CN)	12-12-81
64	37'2	11.33 Thomas McDermott(CN)	12- 4-82
65	39'2 1/2	11.95 Thomas McDermott(CN)	1-29-84
66	36'1	11.00 Nolan Fowler(TN)	10-19-80
67	36'10 1/2	11.24 Nolan Fowler(TN)	5- 9-81
68	34'9	10.59 Nolan Fowler(TN)	5- 8-82
69	37'6 3/4	11.45 Nolan Fowler(TN)	12-28-82
70	34'6 1/2	10.53 Nolan Fowler(TN)	10-20-84
71	35'1 1/4	10.70 Nolan Fowler(TN)	2-24-85
72	32'9	9.98 Nolan Fowler(TN)	2-23-86
73	31'10 1/2	9.71 Nolan Fowler(TN)	2-22-87
74	33'2 1/2	10.12 Olav Reppen(NOR)	9-26-85
	25'1 3/4	7.66 Nolan Fowler(TN)	12- 9-87
75	28'11	8.81 Nolan Fowler(TN)	9-10-89
76	29'6 1/4	9.00 Olav Reppen(NOR)	8-20-87
	26'0 1/4	7.93 Nolan Fowler(TN)	9-16-90
77	21'11 3/4	6.70 Arnolds Ticmanis(CAN)	5- 7-83
	19'2	5.84 Stanley Herrmann(CA)	6-13-81
78	20'3	6.17 Arnolds Ticmanis(CAN)	5- 5-84
	17'3	5.26 Gordon Powell(US)	6-11-88
79	20'5 3/4	6.24 Arnolds Ticmanis(CAN)	12-30-84
	17'8 1/2	5.40 John Whittemore(CA)	12-10-78
80	19'9 3/4	6.04 Arnolds Ticmanis(CAN)	7-26-86
	15'10 1/2	4.84 John Whittemore(CA)	12- 9-79
81	13'0	3.96 Everett Hosack(OH)	7-17-83
82	13'5 1/2	4.10 Everett Hosack(OH)	1- 5-85
83	13'7 1/2	4.15 Everett Hosack(OH)	1- 4-86
84	14'10	4.52 Everett Hosack(OH)	9-14-86
85	12'0 1/2	3.67 Everett Hosack(OH)	9-13-87
86	14'6	4.42 Everett Hosack(OH)	1- 7-89

WEIGHT THROW (25 pounds)

60	57'10 1/2	17.64 Cliff Blair(US)	9-29-90
61	48'4	14.73 Bob Richards(CA)	3-28-87
62	48'11	14.91 William Walmroth(MI)	2-22-86
63	49'8 1/2	15.15 Bob Richards(TX)	4- 1-89
64	48'6 3/4	14.80 William Walmroth(MI)	8-28-88
65	48'10 1/4	14.89 William Walmroth(MI)	4- 1-89
66	49'5 1/2	15.07 Thomas McDermott(CN)	11- 1-84
67	45'6	13.87 Thomas McDermott(CN)	3-24-85
68	44'5 1/2	13.55 Nolan Fowler(TN)	6-27-82
69	44'11 1/2	13.70 Nolan Fowler(TN)	8-13-83
70	44'5	13.54 Nolan Fowler(TN)	2-26-84
71	46'0	14.02 Nolan Fowler(TN)	2-24-85
72	41'2 1/2	12.56 Roy Foley(AUS)	8- 7-89
	40'10	12.44 Nolan Fowler(TN)	2-22-86
73	41'1	12.52 Nolan Fowler(TN)	2-22-87
74	36'11 1/4	11.26 Olav Reppen(NOR)	9-26-85
	35'2 3/4	10.74 Nolan Fowler(TN)	8-28-88
75	38'9 1/2	11.82 Nolan Fowler(TN)	6-17-89
76	36'3	11.05 Nolan Fowler(TN)	5- 5-90
77	28'7 1/4	8.72 Osmo Renvall(FIN)	12- 7-87
	28'5	8.66 William Eipel(NY)	6- 3-90
78	30'6 1/4	9.30 William Koski(CAN)	5-14-88
	22'1 1/2	6.74 Gordon Powell(US)	4-29-88
79	29'8 1/4	9.05 William Koski(CAN)	8-20-89
	23'10	7.26 Gordon Powell(FL)	6-17-89
80	24'1 3/4	7.36 Arnolds Ticmanis(CAN)	8- 1-86
	21'10 1/2	6.67 Gordon Powell(FL)	8- 7-89
81	25'6	7.77 Arnolds Ticmanis(CAN)	5- 2-87
	18'1 1/4	5.52 Frank Furniss(FL)	4- 2-89
82	24'10	7.57 Karsten Brodersen(CHL)	8- 7-89
	18'3 1/2	5.57 Frank Furniss(FL)	9-10-89

83	19'2	5.84	Frank Furniss(FL)	9-16-90
84	18'9 1/4	5.72	Everett Hosack(OH)	9-14-86
85	17'10	5.43	Everett Hosack(OH)	6-27-87
86	10'11 1/2	3.34	Albert White(CAN)	5- 5-90
87	16'2 1/2	4.94	Everett Hosack(OH)	4-29-89
88	15'6 3/4	4.74	Everett Hosack(OH)	4-21-90

DECATHLON

(42",16#,2Kg,800g) 1962 IAAF scoring tables

35	7547	Werner Von Moltke(GFR)	5-12-72
	6173	Darl Locke(NM)	5-24-77
36	7386	Horst Mandl(AUT)	6- 3-72
	5414	Doug Shaw(CA)	5-22-82
37	6961	Jiri Cechak(CZE)	7-13-75
	5532	Dave Robinson(CA)	3-17-84
38	6537	Rex Harvey(IA)	7- 7-84
39	5950	Phil Mulkey(AL)	8-13-72
40	6110	Roy Williams(NZL)	1-24-75
	5664	Bob Lawson(US)	5-16-75
41	6402	Valbjorn Thorlaksson(ICE)	9- 6-75
	5616	Phil Mulkey(AL)	4-11-74
42	5918	Roy Williams(NZL)	2-26-77
	4108	Mark Bodley(CA)	2-26-77
43	5167	Bill Smith(PA)	4-27-86
44	6051	Roy Williams(NZL)	2-24-79
	4526	Barry Kline(PA)	4-13-84
45	6041	Roy Williams(NZL)	2- 2-80
	4658	Harry Hawke(CA)	12- 7-74
46	5966	Roy Williams(NZL)	2- 7-81
47	4137	Jeff Loubet(NM)	9-23-90
48	4487	Rudy Hochreiter(AUS)	2-14-75
49	4754	Jack Greenwood(KS)	6-28-75
50	4696	Boo Morcom(PA)	10-10-71
51	1881	Hal Brossman(PA)	8- 6-83
52	3852	Fred Gallardo(CA)	6- 9-83
53	3006	James McGrath(AUS)	2-18-84
	1986	John Dick(CA)	7- -65
54	3487	Peter Fetter(CA)	8-23-75
57	2763	Darold Skardvedt(WA)	12-10-88
58	2633	Darrold Skartvedt(WA)	12- 9-89
59	1947	Martin Legett(TX)	5-12-84
60	2575	Hans Schneider(GFR)	5-27-75
61	1387	Stan Thompson(HI)	3-12-72
62	2806	Bud Deacon(HI)	8-24-73
64	2184	Hans Schneider(GFR)	8-19-78
	1506	Claude Hills(PA)	9-11-76
66	827	Stan Thompson(HI)	10-14-76
70	1390	Ham Morningstar(MI)	1-30-88
72	987	Stan Thompson(HI)	5-21-83

DECATHLON

(39",16#,2Kg,800g) 1962 IAAF scoring tables

35	6947	Rex Harvey(IA)	6-12-82
	p7036	Mike Hill(CO)	7-26-86
36	6646	Rex Harvey(IA)	6-22-83
	w6802	Mike Hill(US)	7-11-87
37	5655	Dennis Stempel(CA)	6-28-80
38	6507	Rex Harvey(IA)	7- 5-85
39	6450	Dave Robinson(CA)	7- 5-85
40	6784	Wolfgang Linkmann(GFR)	6- 6-81
	6307	Rex Harvey(IA)	7-26-86
41	5999	Bruce Hescock(CN)	7- 4-75
42	6098	Rex Harvey(IA)	7- 8-88
43	6394	Rex Harvey(IA)	7-27-89
44	5057	Gary Bane(CA)	8-28-82
45	5363	Ed Oleata(CA)	8-28-82
	p6027	Valbjorn Thorlaksson(ICE)	- -79
46	5265	Gary Miller(CA)	3-17-84
47	5734	Gary Miller(CA)	3-23-85
48	5552	Gary Miller(CA)	5-31-86
49	5711	Gary Miller(CA)	1-24-87

DECATHLON

(36",12#,1.5Kg,800g) 1962 IAAF scoring tables

50	6212	Gary Miller(CA)	5-27-88
51	4965	Werner Schallau(FRG)	9-30-89
	4942	Gary Miller(CA)	7-27-89
52	4692	John Gilmore(SC)	7-26-86
53	4301	Orval Gillett(CA)	12-16-72
	w4579	John Gilmore(SC)	7-11-87
54	4399	Orval Gillett(CA)	12- 8-73
	w4580	Phil Mulkey(GA)	7-11-87
55	5246	Boo Morcom(PA)	9-11-76
56	4350	Jack Greenwood(KS)	6-26-82
57	3309	John Hepner(OR)	7-27-89
	w3387	Jerry Donley(CO)	7-11-87
58	2973	Jim Vernon(CA)	12- 6-75
59	3890	Jack Greenwood(KS)	6- 8-85

DECATHLON

DECATHLON (33",8#,1Kg,800g) 1962 IAAF scoring tables

60	4407	Boo Morcom(PA)	4-20-82
61	4552	Boo Morcom(PA)	8-28-82
62	3883	Bud Deacon(HI)	12- 8-73
63	4341	Boo Morcom(PA)	9-22-84
	p4407	Boo Morcom(PA)	- -84
64	4103	Boo Morcom(PA)	12- 3-85
65	3128	Ian Hume(CAN)	8-16-80
	3064	Boo Morcom(PA)	7-26-86
66	3400	Ian Hume(CAN)	6-20-81
	3085	Boo Morcom(PA)	9-19-87
	w3925	Boo Morcom(PA)	7-11-87
67	3094	Gilberto Gonzalez(PUR)	6- 6-81
	2755	Claude Hills(PA)	6-20-80
68	2958	Gilberto Gonzalez(PUR)	7-25-81
	2227	Bud Deacon(HI)	7-15-79
69	3180	Gilberto Gonzalez(PUR)	7-31-82
	2335	George Braceland(PA)	8- 6-83
70	3097	Gilberto Gonzalez(PUR)	7- 2-83
	2513	Claude Hills(PA)	7- 3-82
	w2665	Ham Morningstar(MI)	7-11-87
71	3052	Gilberto Gonzalez(PUR)	7- 7-84
	2075	Claude Hills(PA)	8- 6-83
72	1994	Claude Hills(PA)	8- 4-84
	w3146	Gilberto Gonzalez(PUR)	9-14-85
73	2924	Gilberto Gonzalez(PUR)	7-26-86
	1851	Claude Hills(PA)	8- 3-85
74	1752	Herbert Anderson(CO)	5-28-77
	w2573	Gilberto Gonzalez(PUR)	7-11-87
75	1659	Herbert Anderson(CO)	3-24-78
	w1669	Claude Hills(PA)	7-11-87
76	1608	Claude Hills(PA)	7-23-88
77	1194	Claude Hills(PA)	7-27-89
78	1520	Herbert Anderson(CO)	6- 6-81
79	1062	Herbert Anderson(CO)	6-26-82
80	994	Herbert Anderson(CO)	8-28-82
81	425	Walt Wesbrook(US)	12- 1-79
82	607	A. E. Pitcher(IN)	7- 7-84
83	536	A. E. Pitcher(IN)	9-14-85
84	404	A. E. Pitcher(IN)	7-26-86
	w507	Herbert Anderson(CO)	7-11-87
85	252	A. E. Pitcher(IN)	9-19-87
86	127	A. E. Pitcher(IN)	9-24-88
87	253	Herbert Anderson(CO)	7-14-90

PENTATHLON

(2Kg,800g) 1985 IAAF scoring tables

35	3806	Silviu Hodos(FRA)	4-17-83
	3106	Rex Harvey(IA)	8- 9-81
	p3432	Mike Hill(CO)	8-30-86
36	3374	Rex Harvey(IA)	8- -82
37	2875	Rex Harvey(IA)	8-21-83
38	2885	Sammy White(US)	4- 2-76
39	3377	Frank Reilly(CA)	6-20-87
40	3455	Werner Schallau(FRG)	10-15-78
	2948	Sammy White(US)	5- 5-78
	w3157	Rex Harvey(IA)	7-13-86
41	3350	Werner Schallau(FRG)	7-30-79
	2992	Frank Reilly(CA)	7-20-89
42	3134	Werner Schallau(FRG)	1-10-81
	2932	Brayton Norton(CA)	7- 1-72
43	3205	Werner Schallau(FRG)	7-17-82
	3055	Gary Miller(CA)	8-16-81
44	3065	Werner Schallau(FRG)	10- 3-82
	2964	Gary Miller(CA)	6-19-82
45	3117	Gary Miller(CA)	9-30-83
46	3031	Roy Williams(NZL)	1-10-81
	2895	Gary Miller(CA)	5-14-84
47	2911	Gary Miller(CA)	4-13-85
48	2852	Gary Miller(CA)	5- 2-86
	w2890	Gary Miller(CA)	7-13-86
49	2847	Gary Miller(CA)	6-20-87
50	2381	Helmut Fackler(FRG)	8-30-81
51	2476	Helmut Fackler(FRG)	9- 4-82
58	1092	Jim Craine(HI)	11-12-78
59	1144	Martin Legett(TX)	5- 4-84
60	1305	Bob Richards(CA)	11-22-86
61	1059	Jim Minah(CA)	3- 1-81
62	1541	Hans Schneider(FRG)	9-27-76
	928	Bill Pacheco(HI)	11-12-78
63	1505	Hans Schneider(FRG)	7- 3-77
68	794	Stan Thompson(HI)	11-12-78
69	525	Jack Carson(HI)	11-12-78

PENTATHLON

(1.5Kg,800g) 1985 IAAF scoring tables

50	2976	Gary Miller(CA)	6-26-88
51	2767	Gary Miller(CA)	7- 1-89
52	2660	Helmut Fackler(FRG)	9-29-83
	2506	Gary Miller(CA)	8- 2-90
53	2454	Vaclav Bartl(SWE)	7-30-79
	2191	Bob Sieben(CA)	7-30-79
	w2592	Helmut Fackler(FRG)	8-24-84
54	2533	Helmut Fackler(FRG)	6-27-85
	2106	Bob Roemer(CA)	9- -79
55	2277	Gerd Drewniak(FRG)	7-31-86
	2256	Boo Morcom(PA)	4- 2-77
	w2304	Werner Krucken(FRG)	8-24-84
56	2566	Boo Morcom(PA)	8-12-77
57	2391	Matti Jarvinen(FIN)	9-29-83
	1846	William Daprano(US)	9-29-83
58	2290	Rudy Hochreiter(AUS)	6-25-85
	1930	Bill Morales(CA)	8-12-75
59	1929	Gordon Albury(NM)	6- 4-88
60	1013	Charles McMahon(CA)	8-10-75
61	1454	George Braceland(PA)	8-12-75
62	1943	Charles Beaudry(TX)	7-24-81
63	1263	Claude Hills(PA)	8-12-75
67	1358	Ken Carnine(CA)	8-12-75
68	565	Albert Brosz(CAN)	8-12-75
73	499	Herbert Anderson(CO)	8-12-75
74	262	George Knox(OH)	5-26-85

PENTATHLON

(1Kg,600g) 1985 IAAF scoring tables

60	2324	Walter Schreiber(FRG)	9-11-82
	2143	Bill Morales(CA)	8-12-77
61	2346	Rudy Hochreiter(AUS)	12- 3-87
	2301	John Alexander(TX)	5- 8-81
62	2336	Walter Schreiber(FRG)	9-29-83
	1949	Bill Morales(CA)	7-30-79
63	2032	Matti Jarvinen(FIN)	7-20-89
	1707	Bob Sieben(CA)	7-20-89
64	2011	Gudmund Skrivervik(NOR)	6-23-85
	1829	Boo Morcom(PA)	8-31-85
	w1897	Hans Bitter(FRG)	8-24-84
65	2028	Gudmund Skrivervik(NOR)	7-31-86
	1926	Boo Morcom(PA)	5- 4-86
	w2043	Boo Morcom(PA)	7-13-86
66	1988	Boo Morcom(PA)	6-20-87
67	1664	Klaus Langer(FRG)	9-29-83
	1577	C. Johannesmeyer(NC)	5- 5-85
68	1712	Adolf Koch(FRG)	8- 4-85
	1479	Claude Hills(PA)	7- 4-80
69	1722	Adolf Koch(FRG)	9-28-86
	1452	Boo Morcom(PA)	8- 2-90
70	1685	Adolf Koch(FRG)	12- 3-87
	1401	John Alexander(TX)	8- 2-90
	w1499	Gilberto Gonzalez(PUR)	7-23-83
	w1273	Claude Hills(PA)	7- -82
71	1504	Adolf Koch(FRG)	6-28-88
	1384	Bill Morales(CA)	12- 3-87
	w1461	Gilberto Gonzalez(PUR)	7-13-86
	w1398	Robert Reckwardt(FRG)	8-24-84
72	1442	Gilberto Gonzalez(PUR)	6-22-85
	848	Bob Boal(NC)	5- 4-84
73	1113	Claude Hills(PA)	8-20-85
	w1461	Gilberto Gonzalez(PUR)	7-13-86
74	1289	Gilberto Gonzalez(PUR)	6-20-87
	1031	Ken Carnine(CA)	6-19-82
75	922	Herbert Anderson(CO)	8-12-77
	w1007	Walter Streubel(FRG)	8-24-84
76	1002	Gerhard Schepe(FRG)	12- 3-87
	874	Milo Lightfoot(OH)	5- 4-90
	w927	Claude Hills(PA)	6-26-88
77	963	Walter Streubel(FRG)	7-31-86
	943	Ken Carnine(CA)	6-22-85
78	648	Herbert Anderson(CO)	1-10-81
79	721	Karsten Brodersen(CHL)	9- 5-81
	689	Herbert Anderson(CO)	8-16-81
80	869	Karsten Brodersen(CHL)	12- 3-87
	706	Herbert Anderson(CO)	9- 4-82
81	553	Herbert Anderson(CO)	9-28-83
82	580	Masami Okazaki(JPN)	12- 3-87
	534	Herbert Anderson(CO)	9- 1-84
83	495	Herbert Anderson(CO)	8-31-85
84	343	A. E. Pitcher(IN)	5- 4-86
85	372	Herbert Anderson(CO)	12- 3-87
88	280	Herbert Anderson(CO)	8- 2-90

WOMEN'S TRACK & FIELD

100 YARDS

35	10.8	Maeve Kyle(EIR)	9-26-64
36	11.5	Phil Raschker(GA)	6-11-83
37	10.9	Maeve Kyle(EIR)	8- 6-66
	11.1	Phil Raschker(GA)	5-12-84
38	11.3	Maeve Kyle(EIR)	5- 8-67
	12.3	Almeta Parish(CA)	5-17-75
39	11.2	Maeve Kyle(EIR)	6-15-68
	13.4	Pamela Calvert(MD)	8-11-85
	w11.3	Phil Raschker(GA)	7- 5-86
40	12.5	Joanne Grissom(IN)	1-30-79
41	11.4	Irene Obera(CA)	7- -75
42	11.4	Irene Obera(CA)	5-15-76
43	12.5	Felicity Skaris(RSA)	8- 9-80
	12.6	Irene Obera(CA)	5-14-77
44	13.1	Christel Miller(CA)	2-17-79
45	11.7	Irene Obera(CA)	4-28-79
46	14.3	Betty Pappas(KS)	5-30-81
	w13.20	Anne Cirulnick(NY)	6-21-81
	w14.2	Sally Goodhue(MA)	6-18-83
47	11.9	Wendy Marie Ey(AUS)	1-10-86
	13.1	Christel Miller(CA)	5- 1-82
	w11.7	Wendy Marie Ey(AUS)	1-17-86
48	12.5	Wendy Marie Ey(AUS)	1-26-87
	13.2	Chris McKenzie(NY)	6-14-80
49	14.2	Shirley Kinsey(CA)	2-17-79
	w13.14	Chris McKenzie(NY)	6-21-81

50	12.47	Wendy Marie Ey(AUS)	2- -89
	13.8	Shirley Kinsey(CA)	2- 9-80
51	12.5	Irene Obera(CA)	5- 4-85
52	15.2	Shirley Dietderich(CA)	4-28-79
53	14.5	Shirley Kinsey(CA)	5- 7-83
54	16.1	Martha Fairbank(NC)	4- 3-76
	w14.7	Shirley Kinsey(CA)	5- 5-84
55	14.8	S. Anne Stiegelmeier(OH)	10-14-87
56	15.1	Florence Reardon(OH)	7-11-82
57	17.3	Diana Smith(CA)	8- 9-80
	w15.2	Shirley Dietderich(CA)	5- 5-84
58	17.2	Diana Smith(CA)	2- 7-81
59	15.8	Josephine Kolda(CA)	2-11-78
60	15.5	Josephine Kolda(CA)	4-21-78
61	15.7	Josephine Kolda(CA)	4-28-79
62	19.6	Marjorie Hunt(CA)	2- 7-81
63	w16.9	Polly Clarke(CO)	12-30-73
	w18.93	Mary Holbert(MO)	11- 9-85
64	14.7	Josephine Kolda(CA)	5- 1-82
65	15.5	Winfred Reid(RSA)	8- 9-80
	15.7	Josephine Kolda(CA)	5- 7-83
66	w15.2	Josephine Kolda(CA)	5- 5-84
67	15.2	Polly Clarke(CO)	5-21-78
68	p18.3	Carla Convery(VA)	10-25-88
69	16.1	Polly Clarke(CO)	9-18-79
70	16.2	Polly Clarke(CO)	9- 6-80
71	16.2	Mary Bowermaster(OH)	10-25-88
73	26.6	Marilla Salisbury(CA)	8- 1-81
	w18.9	Vivian Nelson(PA)	11- 2-85
	w19.56	Vivian Nelson(PA)	11- 9-85
74	15.2	Polly Clarke(CO)	9- 7-84
75	27.5	Marilla Salisbury(CA)	7-23-83
77	p26.0	Ellen Julius(FL)	10-25-88

100 METERS

35	11.6	Erika Rost(FRG)	6- 2-79
	12.3	Cherrie Sherrard(CA)	6-22-74
36	11.9	Phil Raschker(GA)	6-25-83
	p11.7	Erika Rost(FRG)	- -80
37	12.00	Phil Raschker(GA)	7- 8-84
	12.0	Kathleen Holland(AUS)	1- 7-78
38	12.2	Kathleen Holland(AUS)	3-25-78
	12.5	Phil Raschker(GA)	6- 8-85
	p12.1	Una Lund(AUS)	- -80
39	12.19h	Geraldine Otto(FRG)	7-29-89
	12.22	Phil Raschker(GA)	10-10-86
40	12.2	Maeve Kyle(EIR)	4-23-69
	12.3	Phil Raschker(GA)	6- 6-87
	w11.9	Phil Raschker(GA)	6-19-87
	w12.03	Phil Raschker(GA)	8-15-87
41	12.0	Maeve Kyle(EIR)	4-25-70
	12.3	Phil Raschker(GA)	6- 4-88
42	12.3h	Rosemary Payne(GBR)	8-16-75
	12.57	Phil Raschker(GA)	7-30-89
	12.6	Irene Obera(CA)	7- 3-76
43	12.6	Maeve Kyle(EIR)	5-29-72
	13.0	Irene Obera(CA)	8- 9-77
	w12.76	Phil Raschker(GA)	8- 3-90
44	12.1	Maeve Kyle(EIR)	5-12-73
	13.2	Cherrie Sherrard(CA)	6-25-83
45	12.5	Wendy Marie Ey(AUS)	2- 4-84
	12.5	Maeve Kyle(EIR)	1-21-74
	12.63	Irene Obera(CA)	7- 7-79
46	12.7	Irene Obera(CA)	5-31-80
47	12.9	Wendy Marie Ey(AUS)	1-18-86
	12.93h	Irene Obera(CA)	1-10-81
48	13.0h	Maeve Kyle(EIR)	8- 8-77
	13.9	Christel Miller(CA)	7- 9-83
	w13.6	Joy McDonald(FL)	4- 9-89
	w13.9	Marylin Fitzgerald(NJ)	6-25-83
49	12.91	Wendy Marie Ey(AUS)	10- -87
	13.20h	Irene Obera(CA)	9-24-83
	w13.04h	Irene Obera(CA)	9-23-83
50	13.1	Irene Obera(CA)	7- 7-84
51	12.9	Irene Obera(CA)	6- 1-85
52	13.74	Irene Obera(CA)	7-18-86
	w12.9	Irene Obera(CA)	8- 2-86
	w13.1	Irene Obera(CA)	7- 5-86
53	13.37	Irene Obera(CA)	7-25-87
54	13.48	Irene Obera(CA)	8- 6-88
55	13.6	Shirley Peterson(NZL)	1-21-84
	13.84	Irene Obera(CA)	7-21-89
56	13.7	Shirley Peterson(NZL)	3- 3-85
	15.2	Magdalena Kuehne(CA)	6-20-87
57	14.36	L. Seuberlich(FRG)	9-24-83
	15.0	Nikki Ryan(WA)	6-10-89
	p14.56	Joan Dugan(CO)	9- 2-89
58	14.1	Shirley Peterson(NZL)	2-22-87
	15.22	Betty Vosburgh(US)	6-23-90
59	14.2	Shirley Peterson(NZL)	10-25-87
	16.13h	Barbara Meadows(AZ)	7-29-89
	w15.22	Betty Vosburgh(US)	8- 3-90
60	13.9	Shirley Peterson(NZL)	2-25-89
	15.7	Mary Patterson(OH)	6-17-89
61	14.2	Shirley Peterson(NZL)	2-25-90
	15.7	Mary Patterson(OH)	5-13-90
62	14.75	Paula Schneiderhan(FRG)	8-21-84
	16.12	Patricia Peterson(NY)	4-30-88
	w16.09	Leonore McDaniels(VA)	8- 3-90
63	14.97	Paula Schneiderhan(FRG)	6-23-85
	15.4	Patricia Peterson(NY)	8-15-89
64	14.91	Paula Schneiderhan(FRG)	7-29-86
	15.6	Josephine Kolda(CA)	5-22-82
	w14.58	Paula Schneiderhan(FRG)	9-27-86
65	15.50	Aileen Hogan(AUS)	4- 1-88
	15.8	Josephine Kolda(CA)	4-23-83
66	14.90	Paula Schneiderhan(FRG)	6-25-88
	16.3	Josephine Kolda(CA)	7- 7-84
	w14.82	Paula Schneiderhan(FRG)	6-18-88
67	15.11	Paula Schneiderhan(FRG)	7-30-89
	16.1	Polly Clarke(CO)	5- 6-78
	w15.00h	Paula Schneiderhan(FRG)	7-29-89
68	16.10h	Audrey Reid(RSA)	9-24-83
	16.4	Polly Clarke(CO)	5-26-79
69	16.3	Audrey Reid(RSA)	3-23-84
	16.53h	Mary Bowermaster(OH)	6-27-87
70	16.2	Polly Clarke(CO)	4-17-81
71	16.6	Polly Clarke(CO)	9- 6-81
72	17.0	Audrey Reid(RSA)	4-25-87
	17.5	Marie Uebel(MO)	5-29-84
	w16.26	Polly Clarke(CO)	8- 7-82
73	16.2	Polly Clarke(CO)	9-17-83
74	16.55	Polly Clarke(CO)	9- 2-84
75	16.87	Polly Clarke(CO)	8-31-85
76	17.20	Polly Clarke(CO)	7-18-86
	17.15	Isabel Saumier(CAN)	5-27-90
77	17.07	Polly Clarke(CO)	6-25-88
78	17.6	Polly Clarke(CO)	8-12-88
	w17.36	Polly Clarke(CO)	9- 4-88
79	19.06	Polly Clarke(CO)	7-30-89
	19.08	Irja Sarnama(FIN)	6-23-85
80	20.93	Berta Hielscher(FRG)	7-30-89
	31.0	Marilla Salisbury(CA)	7-22-88
	w18.10	Polly Clarke(CO)	8- 3-90
81	28.9	Marilla Salisbury(CA)	3- 5-89
82	33.9	Marilla Salisbury(CA)	7-27-90
83	26.0	Anna Ward(MO)	5-30-88
84	25.77	Anna Ward(MO)	6-21-89
85	w26.3	Anna Ward(MO)	6- 2-90
86	31.7	Mary Ames(CA)	5- 7-89
87	p33.1	Viola Glen(US)	5-31-80
88	37.2	Marion Higgins(CA)	8- 8-81

200 METERS

35	24.4	Erika Rost(FRG)	6- 2-79
	24.69	Jane Frederick(CA)	8-31-87
	p23.8	Marina Stepanova(URS)	- -85
36	22.5	Marina Stepanova(URS)	6-27-86
	24.63	Phil Raschker(GA)	9-26-83
	w24.14	Jane Frederick(CA)	6-15-88
37	24.60	Phil Raschker(GA)	7- 8-84
	24.6	Kathleen Holland(AUS)	2-18-78
38	25.2	Kathleen Holland(AUS)	3-26-78
	25.3y	Maeve Kyle(EIR)	5-13-67
	26.1	Phil Raschker(GA)	5- 4-85
39	25.23	Vivi Markussen(DEN)	8-19-79
	26.24	Phil Raschker(GA)	7-18-86
	w25.75	Phil Raschker(GA)	10-11-86
	w25.8	Phil Raschker(GA)	7-15-86
40	25.1y	Maeve Kyle(EIR)	5-10-69
	25.0	Vivi Markussen(DEN)	8-17-80
	25.7	Phil Raschker(GA)	6- 6-87
	w24.5hep	Phil Raschker(GA)	7-11-87
	w24.5	Phil Raschker(GA)	7-11-87
41	25.3	Anne McKenzie(RSA)	5- 6-67
	25.8	Phil Raschker(GA)	4-30-88
42	24.84	Phil Raschker(GA)	8- 3-89
43	25.6	Maeve Kyle(EIR)	5-18-72
	27.1	Phil Raschker(GA)	6- 9-90
	w26.95	Phil Raschker(GA)	8- 4-90
44	26.0	Jan Hynes(AUS)	3-24-89
	27.6	Irene Obera(CA)	6-17-78
45	26.2	Wendy Marie Ey(AUS)	3- 4-84
	26.3	Irene Obera(CA)	6-24-79
46	26.6	Irene Obera(CA)	8-17-80
	26.6	Maeve Kyle(EIR)	7- 5-75
47	26.21	Irene Obera(CA)	1-13-81
48	27.16	Wendy Marie Ey(AUS)	4-17-87
	29.3	Marylin Fitzgerald(NJ)	6-25-83
	w29.24	Nadine O'Connor(CA)	8- 4-90
49	27.27	Irene Obera(CA)	9-26-83
50	27.4	Irene Obera(CA)	7-15-84
	w27.25	Irene Obera(CA)	8-19-84
51	27.3	Irene Obera(CA)	6- 1-85
52	27.71	Irene Obera(CA)	6-21-86
	w27.4w	Irene Obera(CA)	7- 5-86
53	27.86	Irene Obera(CA)	7-25-87
	w27.7	Irene Obera(CA)	7-18-87
54	27.7	Irene Obera(CA)	7-17-88
55	28.48	Irene Obera(CA)	8- 3-89
56	28.5	Shirley Peterson(NZL)	3- 3-85
	32.29	Nikki Ryan(WA)	6-26-88
57	29.59	L. Seuberlich(FRG)	9-26-83
	31.9	Nikki Ryan(WA)	6-10-89
	w30.03	Barbara Meadows(AZ)	8-16-87
58	30.43	L. Seuberlich(FRG)	6-26-85
	32.5	Betty Vosburgh(US)	6- 9-90
59	29.66h	Shirley Peterson(NZL)	12- 4-87
	32.00	Barbara Meadows(AZ)	8- 3-89
60	30.05	Ann Cooper(AUS)	10-22-89
	35.02h	Mary Patterson(OH)	8- 1-89
	p30.0	Shirley Peterson(NZL)	- -89
	w33.47	Mary Patterson(OH)	8- 3-89
	w34.28	Helen Darnall(AK)	8- 3-89
61	30.26	Paula Schneiderhan(FRG)	9-26-83
	30.3	Ann Cooper(AUS)	4-15-90
	35.2	Josephine Kolda(CA)	6-24-79
	w30.15	Shirley Peterson(NZL)	8- 3-89
	w34.26	Mary Patterson(OH)	8- 4-90
62	30.62	Joan Ogden(GBR)	7- 8-89
	34.7	Josephine Kolda(CA)	8-17-80
63	31.79	Paula Schneiderhan(FRG)	6-26-85
	32.0	Patricia Peterson(NY)	6- 4-89
64	31.59	Paula Schneiderhan(FRG)	7-31-86
	34.1y	Josephine Kolda(CA)	5- 1-82
	w31.0	Paula Schneiderhan(FRG)	6-21-86
	w33.9	Josephine Kolda(CA)	8-14-82
65	32.15h	Aileen Hogan(AUS)	11-28-87
	34.7	Josephine Kolda(CA)	6-26-83
66	31.12	Paula Schneiderhan(FRG)	6-18-88
	34.6	Josephine Kolda(CA)	10- 6-84
67	31.65	Paula Schneiderhan(FRG)	8- 3-89
	34.2	Josephine Kolda(CA)	5-18-85
68	33.67	Audrey Reid(RSA)	9-26-83
	35.56	Polly Clarke(CO)	7- 8-79
	35.6	Mary Bowermaster(OH)	8-24-85
69	34.4	Audrey Reid(RSA)	3-23-84
	36.30	Mary Bowermaster(OH)	6-27-87
70	34.56	Audrey Reid(RSA)	6-26-85
	35.3	Polly Clarke(CO)	4-17-81
	w35.23	Mary Bowermaster(OH)	12- 2-87
71	34.2	Polly Clarke(CO)	9- 6-81
72	34.7	Audrey Reid(RSA)	4-25-87
	41.4	Bess James(CA)	7-10-82
	w35.4	Polly Clarke(CO)	8- 8-82
73	35.2	Polly Clarke(CO)	9-18-83
74	35.98	Polly Clarke(CO)	9- 2-84
75	35.93	Polly Clarke(CO)	8-31-85
76	37.48	Polly Clarke(CO)	7-18-86
77	38.04	Polly Clarke(CO)	6-26-88
78	38.8	Polly Clarke(CO)	8-12-88
	w38.02	Polly Clarke(CO)	9- 4-88
79	41.12	Polly Clarke(CO)	8- 3-89
80	45.27	Berta Hielscher(FRG)	8- 3-89
	71.5	Elizabeth Kawelaske(MO)	6- 2-90
	w39.78	Polly Clarke(CO)	8- 4-90
81	73.28	Marilla Salisbury(CA)	8- 3-89
82	91.6	Marilla Salisbury(CA)	7-28-90
	w86.24	Marilla Salisbury(CA)	8- 4-90
83	57.8	Anna Ward(MO)	5-30-88
84	64.67	Anna Ward(MO)	6-22-89
85	58.4	Anna Ward(MO)	6- 2-90
88	92.9	Marion Higgins(CA)	8- 9-81

400 METERS

35	50.56	Aurelia Penton(CUB)	7-16-78
	56.99	Phil Raschker(GA)	8-13-82
36	51.6	Marina Stepanova(URS)	5-17-86
	56.8	Phil Raschker(GA)	6-25-83
37	55.7	Maeve Kyle(EIR)	8-30-66
	61.3	Chestine Barnes(CA)	7-14-84
38	56.0	Kathleen Holland(AUS)	3-25-78
	59.98	M. Simmons-mccord(NY)	8-25-85
39	55.5	Maeve Kyle(EIR)	7-19-68
	59.5	Phil Raschker(GA)	7- 8-86
40	55.8	Maeve Kyle(EIR)	9- 6-69
	60.4	M. Simmons-mccord(NY)	6- 7-87
41	55.3	Maeve Kyle(EIR)	7-22-70
	61.5	Irene Obera(CA)	8-15-75
42	56.3	Anne McKenzie(RSA)	10-28-67
	58.07	Phil Raschker(GA)	8- 5-89
43	58.21	Jan Hynes(AUS)	11-29-87
	62.4	Irene Obera(CA)	8-10-77
44	58.3	Jan Hynes(AUS)	3-24-89
	64.2	Jeanne Carter(CA)	4-29-84
	64.2	Irene Obera(CA)	6-17-78
45	57.8	Jan Hynes(AUS)	11- 7-89
	61.69	Irene Obera(CA)	7-30-79
46	60.6	Anne McKenzie(RSA)	12-29-71
	61.1	Irene Obera(CA)	8-16-80
47	59.68	Colleen Mills(NZL)	1-10-81
	61.67	Irene Obera(CA)	1-10-81
48	62.8	Maeve Kyle(EIR)	8-10-77
	66.58	Joy Macdonald(FL)	7- 8-89
49	61.6	Anne McKenzie(RSA)	10- 5-74
	62.27	Shirley Matson(CA)	9- 8-90
50	63.2	Anne McKenzie(RSA)	10-15-75
	64.58	Irene Obera(CA)	8-18-84
51	63.7	Irene Obera(CA)	5-18-85
52	62.7	Pat Smith(HOL)	8- 7-88
	65.1	Irene Obera(CA)	7- 5-86
	p62.7	Pat Smith(HOL)	- -88
53	64.63	Irene Obera(CA)	11-29-87
54	62.8	Irene Obera(CA)	10-22-88
55	66.99	Irene Obera(CA)	8- 5-89
56	68.3	J. Garcia De Schulz(VEN)	8-25-90
	76.1	Jane Clarkson(MO)	8- 2-87

Barbara Kousky, TAC Masters Chairman, was instrumental in staging the 1989 WAVA World Veterans Championships in Eugene, Oregon.

57	72.13	Asta Larsson(SWE)	8- 5-89
	74.8	Betty Vosburgh(US)	6-10-89
58	69.60h	Ann Cooper(AUS)	11-28-87
	73.49	Nancy Ammermiller(US)	7-21-89
	73.5	Betty Vosburgh(US)	6- 9-90
59	72.55	Barbara Meadows(AZ)	8- 5-89
60	69.00	Ann Cooper(AUS)	8- 5-89
	79.1	Helen Darnall(AK)	7-20-89
61	69.2	Ann Cooper(AUS)	4-13-90
	80.15	Mary Patterson(OH)	8- 3-90
62	73.05	Paula Schneiderhan(FRG)	8-23-84
	80.0	Patricia Peterson(NY)	6- 5-88
63	72.24	Paula Schneiderhan(FRG)	6-27-85
	80.37	Patricia Peterson(NY)	8- 5-89
64	74.40	Paula Schneiderhan(FRG)	8- 1-86
	80.3y	Josephine Kolda(CA)	5- 1-82
65	76.24	Aileen Hogan(AUS)	12- 5-87
	82.3	Josephine Kolda(CA)	10- 1-83
66	73.71	Anna Mangler(FRG)	8- 5-89
	84.5y	Josephine Kolda(CA)	5- 5-84
67	75.63	Paula Schneiderhan(FRG)	8- 5-89
	81.8	Els Tuinzing(CA)	4-29-89
68	78.3	Audrey Reid(RSA)	9-17-83
	84.60	Polly Clarke(CO)	7- 8-79
69	79.6	Audrey Reid(RSA)	3-23-84
	90.42	Marie Stafford(OR)	6-24-89
70	79.4	Audrey Reid(RSA)	2-23-85
	87.6	Polly Clarke(CO)	4-18-81
71	80.5	Audrey Reid(RSA)	4- 5-86
	95.84	Bess James(CA)	8-15-81
72	85.4	Audrey Reid(RSA)	4-25-87
	90.06	Polly Clarke(CO)	8- 7-82
73	84.23	Polly Clarke(CO)	9-28-83
74	88.58	Polly Clarke(CO)	9- 2-84
75	89.62	Polly Clarke(CO)	8-25-85
76	91.1	Polly Clarke(CO)	7-20-86
77	95.70	Polly Clarke(CO)	6-25-88
78	96.7	Polly Clarke(CO)	8-12-88
79	98.48	Polly Clarke(CO)	8- 5-89
80	1:40.45	Polly Clarke(CO)	8- 3-90
81	3:09.13	Marilla Salisbury(CA)	8- 5-89
82	3:25.75	Marilla Salisbury(CA)	8- 3-90
83	2:21.5	Anna Ward(MO)	5-30-88
84	2:36.50	Anna Ward(MO)	6-22-89
85	2:50.3	Mary Ames(CA)	7-17-88
86	2:57.4	Mary Ames(CA)	5- 7-89
88	3:54.3	Marion Higgins(CA)	6-28-81

800 METERS

35	1:57.39	Ileana Silai(ROM)	8-28-77
	2:13.77	Jane Frederick(CA)	9- 1-87
36	1:57.81	J. Kratochvilova(CZE)	8-31-87
	2:14.3h	Reiko Duba(CA)	1- 9-81
37	1:58.0	Ileana Silai(ROM)	6- 8-79
	2:19.83	Nancy Shafer(OH)	8- 7-88
38	1:58.7	Ileana Silai(ROM)	8-21-80
	2:18Y	Judy Fox(CA)	5-11-79
39	2:08.0	Anne McKenzie(RSA)	7-17-65
	2:21.7	Susanne Houlton(GA)	7-27-86
40	2:10.2y	Anne McKenzie(RSA)	4- 4-66
	2:23.2	Barbara Pike(CA)	6-27-82
41	2:06.5	Anne McKenzie(RSA)	7- 1-67
	2:22.7i	Barbara Pike(MA)	2- 5-83
42	2:08.5	Anne McKenzie(RSA)	7-29-67
	2:21.91	Susanne Houlton(GA)	7-23-89
43	2:17.4	Pat Ann Gallagher(GBR)	7- 8-89
	2:22.0	Sandra Knott(OH)	1-10-81
44	2:17.43	Gudelieve Roggeman(BEL)	8-24-84
	2:24.0	Sandra Knott(OH)	8- 8-82
45	2:16.8	Judy Pollock(AUS)	8- -85
	2:25.12	Taffy Martin(PA)	7- 5-90
46	2:19.4	Anne McKenzie(RSA)	12-29-71
	2:26.39	Carol Flexer(WA)	8- 1-89
47	2:20.5	Anne McKenzie(RSA)	1-20-73
	2:27.9	Marilyn Harbin(CA)	3-10-85
48	2:20.3	Anne McKenzie(RSA)	1-19-74
	2:26.2	Shirley Matson(CA)	9-16-89
49	2:19.6	Anne McKenzie(RSA)	12-11-74
	2:26.6	Shirley Matson(CA)	9- 8-90
50	2:23.1	Anne McKenzie(RSA)	10-29-75
	2:33.0	Gretchen Snyder(CA)	5-19-84
51	2:39.3	Jeanne Hoagland(CA)	8- 7-88
52	2:29.5	Anne McKenzie(RSA)	3- 1-78
	2:33.91	Jeanne Hoagland(CA)	8- 1-89
53	2:35.70	Carolyn Cappetta(MA)	8- 1-89
54	2:37.29	Ursula Astfalk(FRG)	8- 1-89
	2:40.3	Vicky Bigelow(CA)	9-16-89
55	2:42.03	Valborg Ostberg(NOR)	8- 1-86
	2:48.2	Beryl Skelton(NY)	8-17-84
56	2:46.6	Anne McKenzie(RSA)	3-27-82
	2:51.8	Beryl Skelton(NY)	8- 9-85
	p2:44.47	Jean Horne(CAN)	8- 1-89
57	2:44.74	Luise Haushofer(FRG)	8-24-84
	2:51.11	Joyce Hals(MA)	8- 1-89
58	2:46.93	Luise Haushofer(FRG)	6-23-85
	2:46.98	Ann Cooper(AUS)	12- 5-87
	2:58.6	Beryl Skelton(NY)	7-31-87
59	2:51.3	Anne McKenzie(RSA)	1-23-85
	2:56.1	Marion Irvine(CA)	7- 8-89
60	2:52.66	Ann Cooper(AUS)	8- 1-89
	3:11.7	Jaclyn Caselli(CA)	8-15-81
61	2:52.47	Luise Haushofer(FRG)	6-27-88
	3:17.74	Sumi Onodera(CA)	7-23-89
62	2:56.48	Shirley Brasher(AUS)	8- 1-89
	3:09.9	Jaclyn Caselli(CA)	8-21-83
63	2:54.89	Ingrid Sogstad(NOR)	8- 1-89
	3:17.1	Jaclyn Caselli(CA)	5-19-84
64	3:06.8	Britta Tibbling(SWE)	7-16-82
	3:13.32	Jaclyn Caselli(CA)	6-23-85
65	3:04.53h	Hazel Cameron(CAN)	7-30-89
	3:08.21	Mary Storey(CA)	7-23-89
66	3:03.10	Anna Mangler(FRG)	8- 1-89
	3:15.1	Margareta Lambert(CO)	5-27-87
67	3:04.80	Anna Mangler(FRG)	6-30-90
	3:15.98h	Louise Adams(CO)	7-30-89
68	3:03.14	Gerry Davidson(CA)	7-23-89
69	3:26.1	Thelma Rubin(CA)	9-15-90
70	3:26.39	Marie Stafford(OR)	8- 1-89
71	3:14.90	Britta Tibbling(SWE)	8- 1-89
	3:49.2	Bess James(CA)	8-15-81
72	3:27.19	Johanna Luther(FRG)	6-15-86
	3:30.0	Polly Clarke(CO)	8- 8-82
73	3:34.69	Polly Clarke(CO)	9-24-83
74	3:32.29	Johanna Luther(FRG)	11-29-87
	3:45.1	Polly Clarke(CO)	8-19-84
75	3:32.98	Johanna Luther(FRG)	8- 1-89
	3:37.19	Pearl Mehl(CO)	9- 2-89
76	3:52.09	Polly Clarke(CO)	7-18-86
77	3:44.8	Berta Hielscher(FRG)	9-20-86
	4:00.6	Bess James(CA)	5-23-87
78	3:58.5	Bess James(CA)	6-18-88
79	4:15.07	Bess James(CA)	8- 1-89
80	4:18.12	Berta Hielscher(FRG)	8- 1-89
	6:31.7	Marilla Salisbury(CA)	7-23-88
81	6:55.25	Marilla Salisbury(CA)	8- 1-89
82	5:47.5	Hulda Crooks(CA)	6-24-78
83	6:06	Mary Ames(CA)	3-14-87
84	5:50.2	Hulda Crooks(CA)	7-13-80
85	6:14.1	Mary Ames(CA)	9- 3-88
86	6:38.6	Mary Ames(CA)	6-18-89
88	7:28.6	Eula Weaver(CA)	6-26-77

1500 METERS

35	3:57.73	Maricica Puica(ROM)	8-30-85
	4:38.45i	Nancy Shafer(OH)	3- 6-87
36	4:03.46	Ileana Silai(ROM)	6-22-78
	4:39.5	Nancy Shafer(OH)	8-15-87
37	3:58.5	Ileana Silai(ROM)	6-16-79
	4:37.65	C. Urish-mclatchie(TX)	8- 5-89
38	4:03.0	Ileana Silai(ROM)	8- 1-80
	4:43.14	Darsi Bowden(CA)	8- 5-89
39	4:29.51	Judy Daly(AUS)	2-22-86
	4:39.1	Darsi Bowden(CA)	5-19-90
40	4:20.7	Joyce Smith(GBR)	5-21-78
	4:41.3	Laurie Binder(CA)	8-15-87
41	4:23.63	Erna Kozak(CAN)	5-31-86
	4:44.3	Judy Fox(CA)	8- 8-82
42	4:29.80	Erna Kozak(CAN)	5-17-87
	4:39.8	Miki Gorman(CA)	9- 3-77
43	4:40.1	Pat Ann Gallagher(GBR)	7- 8-89
	4:47.3	Sandra Knott(OH)	1-14-81
44	4:42.37	Gudelieve Roggeman(BEL)	8-25-84
	4:56.5	Carol Flexer(WA)	8-15-87
45	4:40.35	Judy Pollock(AUS)	8- -85
	4:48.19	Joan Colman(CA)	8- 5-89
46	4:46.92	Gudelieve Roggeman(BEL)	7-30-86
	4:53.59	Carol Flexer(WA)	8- 5-89
47	4:45.84	Barbara Lehmann(FRG)	8- 5-89
	4:59	Marilyn Harbin(CA)	3-10-85
48	4:48.22	Shirley Matson(CA)	8- 5-89
49	4:49.2	Anne McKenzie(RSA)	11-16-74
	5:00.0	Shirley Matson(CA)	9- 8-90
50	4:54.5	Anne McKenzie(RSA)	10-15-75
	4:55.2	Gina Faust(CA)	7-15-87
51	4:59.61	Edeltraud Pohl(FRG)	6-25-88
	5:09.42	Jeanne Hoagland(CA)	11-29-87
	5:09.5	Mila Kania(NY)	7-25-82
52	5:10.49	Edeltraud Pohl(FRG)	7-30-88
	5:13.3	Mila Kania(NY)	6-19-83
53	5:18.4	Vicky Bigelow(CA)	4-29-89
54	5:12.9	Margaret Miller(CA)	6-21-80
55	5:15.7	Jean Albury(AUS)	4- 6-85
	5:41.2	Beryl Skelton(NY)	8-18-84
56	5:18.5	Jean Albury(AUS)	3-28-86
	5:20.0	Margaret Miller(CA)	5- 8-82
57	5:30.35	Luise Haushofer(FRG)	8-25-84
	5:46.42	Peggy Ainslie(WA)	8- 5-89
58	5:30.04	Jean Albury(AUS)	11-29-87
	5:54.3	Anne Trigg(FL)	4- 9-83
59	5:25.34	Marion Irvine(CA)	8- 5-89
60	5:36	Jean Albury(AUS)	4-14-90
	5:44.9	Margaret Miller(CA)	7-16-86
61	5:44.81	Shirley Brasher(AUS)	12- 5-87
	6:26	Marcie Trent(AK)	7-28-79
62	5:48.96	Shirley Brasher(AUS)	8- 5-89
	6:19.1	Pat Dixon(OR)	7-31-81
63	6:04.6	Pat Dixon(OR)	7- 2-82
64	6:02.42	Thelma Sells(AUS)	12- 5-87
	6:17.58	Jaclyn Caselli(CA)	6-29-85
65	6:13.8	Hazel Cameron(CAN)	6-17-89
	6:26.49	Jaclyn Caselli(CA)	7-19-86
66	6:10.17	Britta Tibbling(SWE)	8-25-84
	6:48.35	Gerry Davidson(CA)	12- 5-87
67	6:34.43	Britta Tibbling(SWE)	8- 4-85
	6:52.9	Margareta Lambert(CO)	9- 5-87
68	6:13.39	Britta Tibbling(SWE)	7-30-86
	6:43.12	Gerry Davidson(CA)	8- 5-89
69	6:16.47	Britta Tibbling(SWE)	12- 5-87
	6:53	Gerry Davidson(CA)	7-15-90
70	6:34.48	Britta Tibbling(SWE)	6-29-88
	6:42.2	Pat Dixon(OR)	6-30-89
71	6:39.04	Britta Tibbling(SWE)	7-22-89
	7:44.11	Mary Varani(MI)	8- 5-89
72	7:03.91	Johanna Luther(FRG)	7-30-86
	7:19.00	Pearl Mehl(CO)	8-31-86
73	7:05.37	Algene Williams(IL)	8- 5-89
74	6:48.72	Johanna Luther(FRG)	12- 5-87
	7:44.4	Pearl Mehl(CO)	9- 4-88
75	6:20.8	Dorothy Stotsenburg(CA)	5- 7-89
76	7:09.72	Johanna Luther(FRG)	8- 5-89
	8:02.42	Pearl Mehl(CO)	8- 5-90
77	8:38.5	Bess James(CA)	5-23-87
78	10:08.91	Bess James(CA)	12- 5-87
79	8:11.8	Anne Clarke(IL)	7- 8-89
80	8:33.8	Anne Clarke(IL)	7- 7-90
81	13:12.0	Marilla Salisbury(CA)	3- 5-89
82	15:52.0	Marilla Salisbury(CA)	8- 5-90
83	11:09.2	Anna Ward(MO)	5-30-88
84	11:33.0	Hulda Crooks(CA)	7-12-80
85	11:43.2	Anna Ward(MO)	6- 2-90
86	13:58.1	Eula Weaver(CA)	6-28-75
88	16:34.6	Eula Weaver(CA)	6-26-77
90	17:15	Eula Weaver(CA)	8-18-79

ONE MILE

35	4:17.33	Maricica Puica(ROM)	8-21-85
	4:59.28i	C. Urish-mclatchie(TX)	3-28-87
36	4:22.11	Maricica Puica(ROM)	9- 5-86
	5:01.52	Nancy Noonan(OH)	6-30-84
37	4:41.33i	Maricica Puica(ROM)	2-13-88
	5:09.52	Susanne Houlton(GA)	4-13-85
38	4:29.36	Y. Podkopayeva(URS)	8- -90
	5:04	Judy Fox(CA)	7-19-79
39	5:19.5	Barbara Pike(CA)	7-12-81
40	4:54.69	Doris Heritage(WA)	4-23-83
41	4:57.2	Anne McKenzie(RSA)	7-18-67
	5:12.5	Sandra Knott(OH)	8- 4-79
42	5:04.5	Pat Ann Gallagher(GBR)	12- 6-87
	5:15.0	Sandra Knott(OH)	6-21-80
43	5:12.8i	Miki Gorman(CA)	1-26-79
44	5:21.8i	Barbara Pike(MA)	1-19-86
45	5:28.9	Marilyn Harbin(CA)	2-29-83
46	5:19.9	Elaine Statham(GBR)	9-16-90
	5:21.5	Carol Flexer(WA)	7-19-89
47	5:14.7	Sandra Knott(OH)	8- 3-85
48	5:34.4i	Vicky Bigelow(CA)	3- 2-84
49	5:33.5	Dorothy Stock(CA)	9-15-81
50	5:29.83	Pirkko Martin(FIN)	12- 6-87
	5:54.7i	Chris McKenzie(NY)	3-27-82
51	5:29.39	Jeanne Hoagland(CA)	12- 6-87
52	5:50.4i	Mila Kania(NY)	3-18-84
53	5:57.35i	Mila Kania(NY)	3-24-85
54	5:56.8	Margaret Miller(CA)	6- 7-80
55	5:50.6	Margaret Miller(CA)	2- 7-81
56	6:02.4i	Molly Turner(CAN)	2-24-90
	6:19.3i	Gloria Brown(NY)	3-27-88
57	6:20.41	Anne Trigg(FL)	1- 2-82
58	6:40.4i	Mary Lou Carlson(US)	2-19-86
59	6:21.5i	Toshiko D'Elia(NJ)	2-26-89
60	6:46.30	Gunnel Lundkvist(SWE)	12- 6-87
61	7:05	Marcie Trent(AK)	7-28-79
	p6:42.13	Connie Shaw(CAN)	6- 8-89
62	6:48.6	Pat Dixon(OR)	7-17-81
63	6:35	Pat Dixon(OR)	7-23-82
64	7:41	Dottie Gray(MO)	7-13-89
65	6:41.64	Rosamund Dashwood(CAN)	6- 8-89
	7:07	Kay Atkinson(CA)	10-30-82
66	6:55.6	Pat Dixon(OR)	6-22-85
67	8:19	Polly Clarke(CO)	6-20-78
68	7:11.10	Pat Dixon(OR)	12- 6-87
69	7:58i	Pearl Mehl(CO)	1-21-84
70	7:26.0	Pat Dixon(OR)	6-24-89
71	8:52.4	Ivy Granstrom(CAN)	6-18-83
	12:15i	Edna Berg(MT)	1-11-87
72	8:18.2i	Margaret Lopez(NJ)	3-24-84
73	7:29.22i	Pearl Mehl(CO)	3-28-87
74	10:30.0	Arley Nicholls(AUS)	11-11-87
	12:57	Marilla Salisbury(CA)	8-23-81
75	13:12	Marilla Salisbury(CA)	7-26-83
76	8:58.8	Ivy Granstrom(CAN)	10-18-87
	13:14	Marilla Salisbury(CA)	6- 7-84
77	p14:48.4	Ellen Julius(FL)	10-25-88
79	12:57.0	Marilla Salisbury(CA)	7-11-87

3000 METERS

35	8:27.83	Maricica Puica(ROM)	9- 7-85
	8:51.84	F. Larrieu-smith(TX)	5- -88
36	8:35.92	Maricica Puica(ROM)	8-28-86
	10:17.72i	Nancy Shafer(OH)	2- 6-88
37	8:39.45	Maricica Puica(ROM)	9- 1-87
	11:10.2	B. Simmie-kesecker(CA)	7- 8-89
38	9:11.61i	Maricica Puica(ROM)	1-27-89
	10:07.10	Jacqueline Hansen(CA)	8- 1-87
39	9:26.11	Kirsten Hausken(NOR)	8- 1-87
	9:58.94	Darsi Bowden(CA)	5-12-90
40	9:11.2	Joyce Smith(GBR)	4-30-78
	9:59.0	Laurie Binder(CA)	7-30-88
41	10:04	Miki Gorman(CA)	5-22-77
	p10:03.2	Helga Krause(FRG)	8-20-77
42	9:40.2	Joyce Smith(GBR)	4-19-80
	10:44.8	Pat Bessel(NY)	8-16-80
	p9:22.6	Evy Palm(SWE)	- -84
43	9:50.4	Laurie Binder(CA)	9- 8-90
	p9:25.62	Evy Palm(SWE)	- -85
44	10:22.2i	Mary Wood(CO)	4- 2-89
45	9:31.38	Evy Palm(SWE)	7- 7-87
	10:46.6i	Barbara Pike(MA)	12-13-86
46	9:34.7	Joyce Smith(GBR)	9-15-84
	10:19.4	Joan Colman(CA)	9- 8-90
47	9:45.6	Joyce Smith(GBR)	6-30-85
	10:53.2	Linda Sipprelle(PA)	6-11-82
48	10:00.6	Joyce Smith(GBR)	8-24-86
	10:41.8	Vicky Bigelow(CA)	3-22-84
49	10:30.4	Shirley Matson(CA)	9- 8-90
50	10:34.2	Valborg Ostberg(NOR)	7- 5-81
	11:26.2	Martha Klopfer(NC)	5- 2-86
51	11:01.0	Gina Faust(CA)	8- 6-88
52	10:24.01	Edeltraud Pohl(FRG)	8-25-88
	11:41.8	Gloria Brown(NY)	8- 4-84
53	12:12.2	Kay Willoughby(CA)	9-16-89
	p11:31.0	Lydia Backes(FRG)	- -79
	p11:31.82	Marlies Moser(FRG)	8-25-88
	p11:34.3	Luise Haushofer(FRG)	- -80
54	11:14.6	Vicky Bigelow(CA)	9-16-89

55	11:29.0	Lydia Backes(FRG)	9- 9-81
	12:12	Beryl Skelton(NY)	8-19-84
56	11:50.9	Kirsten Garbo(NOR)	8-20-83
	12:23.6i	Gloria Brown(NY)	3-27-88
57	12:13.2	Kirsten Garbo(NOR)	7-28-84
	12:30.8i	Ruth Droege(US)	3- 8-86
	p12:09.6	Hilde Joeckle(FRG)	- -79
58	13:06.0yi	Gladys Lehman(CA)	2-22-81
	p12:42.0	Lieselotte Schultz(FRG)	- -79
59	11:20.2	Marion Irvine(CA)	9-16-89
60	12:25.6	Margaret Miller(CA)	7-23-86
61	12:26.8	Lieselotte Schultz(FRG)	6-13-81
	13:18	Marcie Trent(AK)	7-28-79
62	12:22.6	Lydia Backes(FRG)	8- 6-88
	14:29.2	Kit Pickles(CA)	7-30-88
63	13:35.8	Lenore Marvin(CAN)	8-20-83
64	12:57.0	Jaclyn Caselli(CA)	7-20-85
65	13:15.6	Jaclyn Caselli(CA)	7- 6-86
66	13:00.0	Lieselotte Schultz(FRG)	9-14-86
	13:33.2	Jaclyn Caselli(CA)	7-18-87
67	13:37.2	Jaclyn Caselli(CA)	7-30-88
68	13:49.0	Pat Dixon(OR)	7-24-87
69	15:14.0i	Judith Kazdan(CAN)	3-11-89
	15:30.0	Judy Simon(CA)	8-10-85
70	15:49.42	Marie Stafford(OR)	6-23-90
	p14:26.0	Pat Dixon(OR)	- -
71	14:25.2	Johanna Luther(FRG)	9-22-84
	15:01.41	Pat Dixon(OR)	6-23-90
72	14:47.4	Johanna Luther(FRG)	4-10-86
	17:40.0yi	Margaret Lopez(NJ)	3-24-84
73	15:27.4	Ivy Granstrom(CAN)	7-27-85
	15:30.0yi	Pearl Mehl(CO)	3-29-87
74	15:53.8	Johanna Luther(FRG)	6-11-88
	22:51.4	Marilla Salisbury(CA)	7-31-82
75	15:53.6i	Pearl Mehl(CO)	4- 2-89
76	17:27.51i	Pearl Mehl(CO)	3-25-90
77	16:33.0	Berta Hielscher(FRG)	9-13-86
	23:41.8	Marilla Salisbury(CA)	7-27-85
78	25:52.4	Marilla Salisbury(CA)	7-12-86
80	18:20.6	Anne Clarke(IL)	7- 7-90
82	p26:27	Zuzanna Grochocka(NY)	7-25-87
84	25:09.0	Mary Ames(CA)	5-30-87
85	25:29.6	Mary Ames(CA)	4-30-88

TWO MILES

35	10:24.13i	C. Urish-mclatchie(TX)	3-29-87
36	11:54.4i	Rita Doherty(MA)	2- 8-85
37	12:20.01i	Rita Doherty(MA)	3-24-85
38	11:23	Judy Fox(CA)	11- 3-78
39	11:39.6i	Nina Kuscsik(US)	1-11-78
40	11:09i	Barbara Pike(CA)	3-28-82
41	11:27.2i	Barbara Pike(MA)	3-27-83
42	11:38.0	Linda Sipprelle(DC)	8-29-77
43	11:38.2	Linda Sipprelle(DC)	7-20-78
44	11:36.4	Mary Czarapata(WI)	9-29-79
	p11:35.7i	Carrie Parsi(MA)	2- 5-83
45	11:43.0	Mary Czarapata(WI)	9-13-80
46	11:50	Mary Czarapata(WI)	9-10-81
47	14:50i	Beverly Nolan(MA)	3-28-82
48	13:10.35i	Mary Cullen(TX)	3-29-87
49	12:48i	Chris McKenzie(NY)	3-29-81
50	11:57.4i	Mila Kania(NY)	3-14-82
51	12:52.2i	Ruth Anderson(CA)	2-22-81
52	12:37.2i	Mila Kania(NY)	3-24-84
53	13:27	Janet Grenda(NY)	3-15-80
54	12:13.0	Margaret Miller(CA)	6- 7-80
55	13:41	Melba Hatch(MI)	5-20-84
57	13:46	Melba Hatch(MI)	7-23-85
58	13:06.0i	Gladys Lehman(CA)	2-22-81
59	15:20.2	Marcia McChesney(OR)	6-16-89
61	19:48	Florence Fawley(OH)	5-27-84
62	20:04	June Barnes(OH)	5-27-84
63	14:59i	Ernestine Yeomans(CAN)	2-20-83
64	18:21i	Ernestine Yeomans(CAN)	1- 8-84
66	18:12.4i	Adrienne Salmini(NM)	3-14-82
67	19:03.0i	Adrienne Salmini(NM)	3-20-83
69	16:37.2i	Pearl Mehl(CO)	2-19-84
70	16:24i	Pearl Mehl(CO)	2-17-85
71	19:23.2	Ivy Granstrom(CAN)	6-25-83
	25:22i	Edna Berg(MT)	1-11-87
72	17:40.0i	Margaret Lopez(NJ)	3-24-84
73	15:30.0i	Pearl Mehl(CO)	3-29-87
74	26:34	Marilla Salisbury(CA)	8-23-81
75	27:30	Marilla Salisbury(CA)	7-26-83
76	27:39	Marilla Salisbury(CA)	6- 7-84

5000 METERS

35	15:15.2	F. Larrieu-smith(TX)	7- 2-88
36	15:23.48	Maricica Puica(ROM)	7-19-87
	17:17.2	Nancy Mieszcak(TX)	8- 9-85
37	15:53.36	F. Larrieu-smith(TX)	4- 6-90
	p15:38.3	Charlotte Teske(FRG)	- -87
38	16:25.39	Kirsten Hausken(NOR)	8-10-86
	17:05.76	Jacqueline Hansen(CA)	8-16-87
39	16:23.26	Kirsten Hausken(NOR)	8- 5-87
	17:34.0	Judy Fox(CA)	5-31-80
	p17:26.0	Georgette Green(TX)	8- 6-88
40	16:44.28	Gabrielle Anderson(ID)	6-25-85
41	16:13.8	Priscilla Welch(GBR)	1-25-86
	16:58.0	Miki Gorman(CA)	2-13-77
42	16:08.13	Evy Palm(SWE)	9-29-84
	17:59.6	Laurie Binder(CA)	6- 9-90
43	16:02.88	Evy Palm(SWE)	7-17-85
	17:35	Shirley Matson(CA)	8-25-84
44	16:10.97	Evy Palm(SWE)	8- 5-86
	17:42.69	Mary Wood(CO)	7-22-89
45	16:17.6	Evy Palm(SWE)	7- 4-87
	17:45.03	Joan Colman(CA)	8- 4-89
46	18:01.78	Carol Flexer(WA)	8- 4-89
47	17:59.0	Vicky Bigelow(CA)	7-24-82
48	17:48.60	Shirley Matson(CA)	8- 4-89
49	18:41.4	Vicky Bigelow(CA)	8-19-84
50	17:46.2	Edeltraud Pohl(FRG)	7- 1-87
	19:58.6	Nicki Hobson(CA)	8- 1-81
51	18:44.6	Mila Kania(NY)	6-13-82
52	18:14.59	Edeltraud Pohl(FRG)	7-30-88
	19:02	Mila Kania(NY)	8-12-83
53	16:43.02	Edeltraud Pohl(FRG)	8- 4-89
	19:11.69	Mila Kania(NY)	8-17-84
54	19:17.72	Vicky Bigelow(CA)	8- 4-89
55	18:49.0	Jean Albury(AUS)	4- 7-85
	19:45.6	Marion Irvine(CA)	6-25-85
56	19:07.2	Jean Albury(AUS)	3-28-86
	23:07.67	Kenny Goering(NM)	8- 4-89
57	20:27.8	Peggy Fletcher(CAN)	12- 1-87
	20:42.8	Toshiko D'Elia(NJ)	6- 7-87
	p20:27.78	Inge Nagel(FRG)	7-30-88
58	19:26.6	Jean Albury(AUS)	12- 1-87
	20:29.4	Marion Irvine(CA)	12- 1-87
59	19:32.07	Marion Irvine(CA)	8- 4-89
60	19:14.8	Marion Irvine(CA)	10-19-89
61	21:02.4	Joselyn Ross(GBR)	7- 8-89
	24:57	Marybelle Russel(NV)	9-17-83
	p23:37.58	Pepper Davis(FL)	8- 6-88
62	20:51.63	Shirley Brasher(AUS)	8- 4-89
	22:19.4	Jaclyn Caselli(CA)	8-22-83
63	21:54	Shirley Brasher(AUS)	4-15-90
	22:40.4	Jaclyn Caselli(CA)	7- 7-84
64	22:20	Helen Dick(CA)	7-16-89
65	22:24.61	Rosamund Dashwood(CAN)	8- 4-89
	22:41.8	Jaclyn Caselli(CA)	7- 5-86
66	22:16.8	Jose Waller(GBR)	10- 2-88
	23:38	Rita Tomassini(GA)	6- 6-87
67	22:48.85	Louise Adams(CO)	8- 4-89
68	23:59.52	Jaclyn Caselli(CA)	8- 4-89
69	22:46.68	Lenore Marvin(CAN)	8- 4-89
	29:23.64	Vadine Koenig(OH)	8- 4-89
70	23:58.0	Lenore Marvin(CAN)	8-25-90
	24:52.83	Pat Dixon(OR)	8- 4-89
71	25:08.2	Johanna Luther(FRG)	6-25-85
	27:30.11	Mary Varani(MI)	8- 4-89
72	25:27.2	Waltraud Kretschmer(FRG)	8-21-84
	26:35.4	Pearl Mehl(CO)	8-30-86
73	25:23.79	Algene Williams(IL)	8- 4-89
74	25:40.6	Johanna Luther(FRG)	12- 1-87
	27:25.80	Bess James(CA)	9-23-83
75	28:12.9	Pearl Mehl(CO)	9- 2-89
76	25:43.39	Johanna Luther(FRG)	8- 4-89
	31:40.44	Pearl Mehl(CO)	8- 4-90
77	27:03.2	Berta Hielscher(FRG)	10- 2-86
	30:12.51	Bess James(CA)	8-16-87
78	34:46.93	Ailsa Forbes(NZL)	8- 4-89
	42:32.31	Marilla Salisbury(CA)	8-25-85
79	30:22.66	Anne Clarke(IL)	8- 4-89
80	30:21.85	Mavis Lindgren(CA)	8-16-87
82	39:47.8	Hulda Crooks(CA)	6-24-78
83	39:09	Mary Ames(CA)	2-14-87
84	40:05	Mary Ames(CA)	5-30-87
85	41:56.2	Mary Ames(CA)	4-30-88

10,000 METERS

35	31:35.52	F. Larrieu-smith(TX)	9-30-88
36	33:10.62	Magda Llands(BEL)	8-30-86
	34:07.8	Pat Storey(CA)	3-23-85
37	33:08.99	Ellen Wessinghage(FRG)	8- 2-85
	37:38.44	Claudia Cottrell(OR)	8- 4-89
	p32:35.2	Charlotte Teske(FRG)	- -87
38	32:52.93	Ellen Wessinghage(FRG)	7- 5-86
	33:54.99	C. Urish-mclatchie(TX)	6-14-90
39	33:34.7	Priscilla Welch(GBR)	6- 2-84
	36:00.3	Judy Fox(CA)	6-27-80
40	33:50.02	Birgit Bringslid(SWE)	8- 3-86
	35:20.59	Laurie Binder(CA)	8-14-87
41	35:15.10	Doris Schlosser(FRG)	7-11-86
	37:49.63	Dawn Welch(OR)	8- 4-89
	p35:50	Miki Gorman(CA)	- -77
42	34:26.4	Joyce Smith(GBR)	2-27-80
	35:45.6	Miki Gorman(CA)	9- 3-77
43	33:00.78	Evy Palm(SWE)	7-27-85
	36:21.9	Miki Gorman(CA)	7-27-79
44	32:47.25	Evy Palm(SWE)	7- 5-86
	36:17.60	Mary Wood(CO)	8- 4-89
45	37:01.6	Dorothy Browne(AUS)	3-28-86
	40:19.8	Dorothy Stock(CA)	6-24-78
	p32:41.98	Evy Palm(SWE)	- -87
46	32:34.05	Evy Palm(SWE)	9- 4-88
	39:43	Wendy Williams(TN)	5-26-79
47	37:41.98	Barbara Lehmann(FRG)	7-29-89
	39:06.4	Dorothy Stock(CA)	6-22-80
48	38:19.8	Vicky Bigelow(CA)	8-21-83
49	39:40.0	Judy Cox(AUS)	4- 9-82
	40:38.2	Dorothy Stock(CA)	6-19-82
50	40:41	Maragret Ellen Smith(AUS)	4-13-90
	40:49.9	Ruth Anderson(CA)	7-27-79
	p37:35.0	Valborg Ostberg(NOR)	- -81
51	36:51.6	Edeltraud Pohl(FRG)	6-21-88
	38:53.6	Mila Kania(NY)	6-26-82
52	40:56.8	Jean Albury(AUS)	4- 9-82
	42:44.4	Ruth Anderson(CA)	8-15-81
53	39:07.01	Edeltraud Pohl(FRG)	7-29-89
	45:09	Barbara Dibble(AZ)	1-14-84
54	40:13.2	Margaret Miller(CA)	6-22-80
55	38:38.6	Jean Albury(AUS)	4- 5-85
	41:32.2	Toshiko D'Elia(NJ)	8-23-85
56	40:30.2	Jean Albury(AUS)	3-28-86
	42:21.96	Toshiko D'Elia(NJ)	7-18-86
57	42:12.8	Peggy Fletcher(GBR)	7-23-88
	43:09.8	Helen Dick(CA)	7-10-82
58	40:03.8	Jean Albury(AUS)	11-28-87
	42:39.8	Marion Irvine(CA)	11-28-87
59	40:37.13	Marion Irvine(CA)	8- 4-89
60	42:18	Jean Albury(AUS)	4-13-90
	47:26.4	Jaclyn Caselli(CA)	5-30-81
61	43:01.2	Joselyn Ross(GBR)	7- 9-89
	43:28.0	Helen Dick(CA)	6-21-86
62	43:58.66	Shirley Brasher(AUS)	7-29-89
	46:56.2	Jaclyn Caselli(CA)	5-21-83
63	44:51.0	Pat Dixon(OR)	7-16-82
64	47:22.48	Judith Kazdan(CAN)	8-17-84
	48:48.8	Jaclyn Caselli(CA)	6-22-85
65	46:54.87	Rosamund Dashwood(CAN)	7-29-89
	49:22.41	Jaclyn Caselli(CA)	7-18-86
66	47:27.6	Jose Waller(GBR)	7-31-88
	66:10.2	Amy Ernst(US)	5-30-88
67	44:30.97	Lieselotte Schultz(FRG)	8-13-87
	52:46.38	Althea Wetherbee(NY)	7-18-86
68	49:58.20	Pat Dixon(OR)	8-14-87
69	49:53.49	Lenore Marvin(CAN)	7-29-89
	64:52	Bess James(CA)	8-18-79
70	50:28.33	Pat Dixon(OR)	8- 4-89
71	50:54	Mary Varani(MI)	6-24-89
72	66:19.58	Amy Castle(OR)	8- 4-89
73	53:36.45	Algene Williams(IL)	8- 4-89
74	55:34.6	Johanna Luther(FRG)	11-28-87
	62:45.70	Bess James(CA)	9-25-83
75	53:20.50	Johanna Luther(FRG)	7-29-89
	64:00.81	Pearl Mehl(CO)	7-20-89
76	64:58.0	Ivy Granstrom(CAN)	11-28-87
	93:23.40	Marilla Salisbury(CA)	9-25-83
77	65:35.4	Berta Hielscher(FRG)	6-21-86
79	66:56.0	Berta Hielscher(FRG)	11-28-87
	93:46.4	Marilla Salisbury(CA)	8- 1-87
80	1:47:2	Marilla Salisbury(CA)	11-28-87
81	98:38	Hulda Crooks(CA)	6-26-77
84	1:24:43.0	Mary Ames(CA)	7-11-87

ONE HOUR RUN

35	9-1044	15.439 Cindy Dalrymple(HI)	7-23-77
36	9-1124	15.512 Marylin Paul(OR)	7-20-74
37	9-1607	15.954 Vicki Foltz(US)	6-16-81
	p10-195	16.272 Zina Marchant(GBR)	3-30-88
38	9-549	14.986 Judy Groombridge(WA)	7-15-78
39	9-336	14.791 Regina Schiek(FRG)	4-19-76
	9-47	14.527 Patricia Thomas(WA)	7-11-79
	p9-565	15.001 Joni Pendleton(US)	6-17-86
40	9-515	14.955 Judy Groombridge(WA)	7-10-80
41	9-1044	15.439 Patricia Thomas(WA)	8-22-81
42	9-575	15.010 Linda Sipprelle(DC)	10-12-77
43	9-1197	15.579 Linda Sipprelle(DC)	7-29-78
44	9-545	14.982 Mary Czarapata(WI)	9-23-79
45	9-376	14.828 Marilyn Harbin(CA)	3-26-83
46	8-1693	14.423 Ruth Anderson(CA)	6-12-76
47	8-1291	14.055 Ruth Anderson(CA)	5-28-77
48	9-374	14.826 Dorothy Stock(CA)	8- 4-81
49	8-1504	14.250 Dorothy Stock(CA)	8-17-82
50	8-1564	14.305 Nicki Hobson(CA)	4-25-81
51	8-1909	14.620 Nola Bruhn(WA)	8- 5-80
52	8-922	13.718 Margaret Miller(CA)	7-29-78
53	8-107	12.973 Barbara Meadows(AZ)	-11-48
54	8-706	13.520 Barbara Meadows(AZ)	11-10-84
55	8-638	13.458 Barbara Meadows(AZ)	11-30-85
56	7-78	11.337 Violet Leonard(WV)	5- 8-77
	p7-434	11.662 Laurel Henley(US)	5- 7-72
57	7-1269	12.426 Betty Morrish(GBR)	3-30-88
	7-128	11.382 Violet Leonard(WV)	5- 6-78
58	7-1021	12.199 Marcie Trent(AK)	7-18-76
59	6-709	10.304 Alice Werbel(CA)	7-12-75
60	6-1242	10.792 Virginia Hastings(CA)	6-11-85
61	8-10	12.884 Marcie Trent(AK)	7-28-79
62	8-219	13.075 Marcie Trent(AK)	7- -80
63	7-1370	12.518 Marcie Trent(AK)	7-18-81
64	6-496	10.110 Margaret Lee((HI)	7-14-84
65	5-1479	9.399 June Byrnes(OH)	9-14-86
66	6-1024	10.592 Mary Lahaie(FL)	9-11-82
67	7-87	11.345 Gerry Davidson(CA)	6-11-88
68	7-400	11.631 Gerry Davidson(CA)	5-24-89
69	5-397	8.410 Edna Berg(MT)	1-26-85
70	6-52	9.704 Alice Werbel(CA)	9-14-86
71	5-5 i	8.051 Edna Berg(MT)	1-11-87
73	5-1124	9.075 Felicitas Salazar(CA)	8-17-82
74	5-1431	9.355 Felicitas Salazar(CA)	7-26-83
75	4-74	6.505 Marilla Salisbury(CA)	7-26-83
76	4-167	6.590 Marilla Salisbury(CA)	6- 7-84
78	3-1449	6.153 Marilla Salisbury(CA)	6-17-86
80	4-180	6.602 Marilla Salisbury(CA)	6-11-88
84	4-668	7.048 Mary Ames(CA)	7-11-87

100m HURDLES (33")

35	13.60hep	Jane Frederick(CA)	9-26-87
36	13.74hep	Jane Frederick(CA)	6-15-88
37	13.70whep	Jane Frederick(CA)	6-13-89
38	14.2	Judy Vernon(GBR)	7- 7-84
	19.5hep	Kathleen Pierce(NY)	7-26-86
	w13.95	Judy Vernon(GBR)	8-21-84
39	14.4	Judy Vernon(GBR)	8-24-85
	14.7	Carmen Brown(US)	8-13-82
40	14.5	Judy Vernon(GBR)	7- 6-86
	15.71	Cherrie Sherrard(CA)	8- 1-79
41	15.4	Cherrie Sherrard(CA)	7-12-80
42	19.1	Sharon Bintliff(HI)	3-24-78
	p18.74	Marlene Altmann(FRG)	- -79
43	16.3	Cherrie Sherrard(CA)	7-24-82
44	15.2	Cherrie Sherrard(CA)	7- 3-83
45	16.3	Maeve Kyle(EIR)	6- -74
	16.6	Cherrie Sherrard(CA)	7- 7-84
47	19.27dec	Christel Miller(CA)	8- 1-82
	p16.4	Hella Werner(FRG)	- -81
	p16.9	Verny Falkeborg(DEN)	- -81
51	19.33	Hella Werner(FRG)	10- 4-86
52	19.7	Veronica Welgemoed(RSA)	3-23-84
	21.5	Alice Leicht(CA)	9- 8-84
54	20.9	Shirley Kinsey(CA)	8-21-83

80m HURDLES (30")

40	11.78	Judy Vernon(GBR)	8- 1-86
	11.8	Eileen Hindle(AUS)	3-25-89
	12.0	Phil Raschker(GA)	6- 6-87
	w11.83	Phil Raschker(GA)	8-14-87
41	12.22	Phil Raschker(GA)	5-14-88
	p11.85	Karin Von Riewel(FRG)	6-30-90
	w11.84	Nanette Furgine(SWI)	11-29-87
	w12.1	Phil Raschker(GA)	6- 4-88
42	12.25	Phil Raschker(GA)	7-30-89
	p12.12	Gudrun Komoll(FRG)	8-19-88
	w11.9	Phil Raschker(GA)	5-20-89
43	12.05h	Judy Vernon(GBR)	7-29-89
	13.1	Phil Raschker(GA)	6- 9-90
44	12.0	Jan Hynes(AUS)	3-25-89
45	12.5	Cherrie Sherrard(CA)	7-14-84
46	12.80hep	Pat McNab(GBR)	7-27-89
	17.09	Evelyn Hobbs(NY)	8-25-85
	17.1	Barbara Stewart(NY)	8- 6-88
47	12.28	Corrie Roovers(HOL)	7-14-82
	16.2	Barbara Stewart(NY)	7- 8-89
48	12.34	Corrie Roovers(HOL)	9-28-83
	17.6	Ann Carter(GA)	6- 9-90
49	12.7	Corrie Roovers(HOL)	6-22-85
	15.89	Christel Miller(CA)	6- 9-84
	w12.70	Corrie Roovers(HOL)	8-21-84
	w15.1	Christel Miller(CA)	8-17-84
50	13.82	Cherrie Sherrard(CA)	7-30-89
	13.9	Leonora Koch(FRG)	8- 1-86
51	13.22	Wendy Marie Ey(AUS)	7-30-89
	14.7	Christel Miller(CA)	10- 4-86
52	13.02h	Corrie Roovers(HOL)	11-28-87
	14.9	Christel Miller(CA)	1-24-87
	w12.54	Corris Roovers(HOL)	11-29-87
	w14.9hep	Christel Miller(CA)	7-11-87
53	14.57	Hella Werner(FRG)	7-22-89
	15.46	Christel Miller(CA)	8- 5-88
	w13.7	Brenda Parkinson(AUS)	4-13-90
54	13.80	Corrie Roovers(HOL)	6-30-90
	15.01hep	Christel Miller(CA)	7-27-89
55	14.06	Elzbieta Krzesinska(POL)	7-30-89
	15.3hep	Christel Miller(CA)	7-14-90
56	14.81	Asta Larsson(SWE)	11-29-87
	14.87	Rosemary Chrimes(GBR)	7- 8-89
	17.1	Shirley Kinsey(CA)	5-31-86
	w16.7	Shirley Kinsey(CA)	5-24-86
57	14.36	Asta Larsson(SWE)	7-30-89
	17.1hep	Shirley Kinsey(CA)	7-26-86
58	14.75	Asta Larsson(SWE)	6-30-90
	18.07	Sharon Sahonchik(OR)	6-23-90
	w17.75	Shirley Kinsey(CA)	8-14-87
59	15.8hep	Kirsten Hveem(NOR)	8-24-84
	17.68	Betty Vosburgh(US)	8- 5-90
	w15.40	Kirsten Hveem(NOR)	8-21-84
60	15.56	Kirsten Hveem(NOR)	6-25-85
	19.08	Shirley Kinsey(CA)	7-30-89
61	15.5	Kirsten Hveem(NOR)	8- 1-86
62	15.78	Kirsten Hveem(NOR)	11-29-87
	19.7	Patricia Peterson(NY)	5-28-88
63	15.6	Kirsten Hveem(NOR)	7-29-88
	20.4	Patricia Peterson(NY)	5-27-89
64	17.41hep	Kirsten Hveem(NOR)	7-27-89
	21.18	Patricia Peterson(NY)	8-11-90
65	20.36	Annchen Reile(FRG)	8- 6-80
66	20.09hep	Gwen Davidson(AUS)	7-27-89
68	18.62	Rosaline Sole(NZL)	9-28-83
72	16.24	Rosaline Sole(NZL)	11-29-87
73	20.89	Rosaline Sole(NZL)	7-22-89
75	33.66hep	Irja Sarnama(FIN)	1-11-81

HIGH JUMP

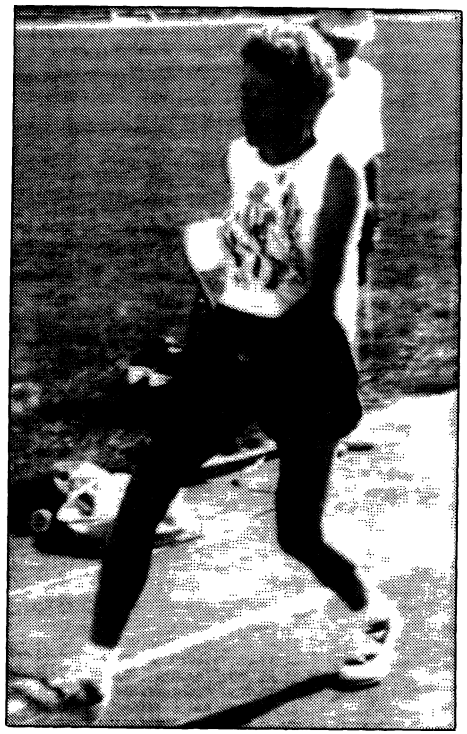
35	6'2	1.88 Debbie Brill(CAN)	4-23-88
	5'10	1.78 Jane Frederick(CA)	8-31-87
	p6'0 1/2	1.84 Jane Frederick(CA)	- -87
36	6'1 1/4	1.86 Jane Frederick(CA)	6-15-88
37	5'10 1/2	1.79 Jane Frederick(CA)	6-13-89
38	5'5	1.65 Stanka Prezelj(YUG)	6-30-90
	5'1	1.55 Phil Raschker(GA)	5- 4-85
39	5'7	1.70 Alena Plischke(AUT)	11-29-87
	5'1 3/4	1.57 Phil Raschker(GA)	10-25-86
40	5'5	1.65 Alena Plischke(AUT)	6-25-88
	5'1	1.55 Phil Raschker(GA)	7-11-87
41	5'5	1.65 Alena Plischke(AUT)	8- 3-89
	5'4 1/2	1.64 Phil Raschker(GA)	9-17-88
42	5'5 3/4	1.67 Yordanka Blagoeva(BUL)	8- 3-89
	5'3 3/4	1.62 Phil Raschker(GA)	5-20-89
43	5'1 3/4	1.57 Phil Raschker(GA)	8- 3-90
44	5'1 3/4	1.57 E. Springmann(FRG)	11-29-87
	4'4	1.32 Reiko Duba(CA)	7-21-89
	4'4	1.32 Joanne Grissom(IN)	6-11-83
45	5'1	1.55 Joanne Smallwood(GBR)	8- 3-89
	4'2 3/4	1.29 Joanne Grissom(IN)	8- 7-83
46	5'1	1.55 Christel Hauser(FRG)	8- 3-89
	4'3 1/2	1.31 Shiela Newton(CA)	12-10-83
47	4'10 3/4	1.49 Edith Graff(BEL)	7-27-89
	4'4	1.32 Shirley Smith(FL)	7-16-82
48	4'9	1.45 F. Kummerle-valk(FRG)	7-27-89
	4'2 3/4	1.29 Christel Miller(CA)	7- 2-83
	p4'9	1.45 Marianne Bayer(FRG)	7-19-85
49	4'10	1.47 E. Krzesinska(POL)	5- 8-83
	4'2	1.27 Christel Miller(CA)	8-17-84
50	4'10	1.47 Dorothy Tyler(GBR)	6-14-70
	4'4 1/4	1.33 Christel Miller(CA)	8-10-85
	4'4 1/2	1.33 Becky Sisley(OR)	8- 3-89
51	4'8 1/4	1.43 Corrie Roovers(HOL)	7-31-86
	4'4 1/2	1.33 Christel Miller(CA)	3-29-86
52	4'8	1.42 Corrie Roovers(HOL)	12- 3-87
	4'4	1.32 Christel Miller(CA)	1-24-87
53	4'7 1/4	1.40 Daphne Pirie(AUS)	6-22-85
	4'4	1.32 Christel Miller(CA)	7-16-88
54	4'9	1.45 Taisija Tsentsik(URS)	8- 3-89
	4'4	1.32 Christel Miller(CA)	7-21-89
55	4'5 1/2	1.36 Rosemary Payne(GBR)	6-25-88
	4'2 3/4	1.29 Christel Miller(CA)	8- 2-90
56	4'6	1.37 Rosemary Chrimes(GBR)	7- 8-89
	3'8 1/4	1.12 Shirley Kinsey(CA)	5-24-86
57	4'3 1/4	1.30 C. Wippersteg(FRG)	6-23-85
	3'11 1/4	1.20 Sharon Sahonchik(OR)	6-25-89
58	4'1 3/4	1.26 Kirsten Hveem(NOR)	9-28-83
	4'0	1.22 Joan Dugan(CO)	8-19-90
59	4'1 1/4	1.25 Audrey Wood(NZL)	9-24-83
	3'11 3/4	1.21 Betty Vosburgh(US)	8- 3-90
60	4'1 1/4	1.25 Kirsten Hveem(NOR)	6-22-85
	4'1 1/4	1.25 C. Wippersteg(FRG)	6-25-88
	3'7	1.09 Shirley Kinsey(CA)	6-18-89
	p3'7	1.09 Leonore McDaniels(VA)	5-21-88
61	4'0 1/2	1.23 C. Wippersteg(FRG)	8- 3-89
	3'5	1.04 Shirley Kinsey(CA)	8- 3-90
62	4'0 3/4	1.24 Kirsten Hveem(NOR)	12- 3-87
	3'11	1.19 Leonore McDaniels(VA)	8- 3-90
63	4'0 1/2	1.23 Kirsten Hveem(NOR)	8-27-88
	3'9 1/2	1.15 Patricia Peterson(NY)	5-27-89
64	3'10	1.17 Kirsten Hveem(NOR)	7-27-89
	3'7 1/4	1.10 Patricia Peterson(NY)	8- 3-90
65	4'0	1.22 Gwen Davidson(AUS)	11-28-87
	3'3 1/2	1.00 Ellen Beaudry(TX)	9-24-83
	3'3 1/2	1.00 Harriett Boyd(FL)	7- 8-89
	3'3 1/2	1.00 J. Sullivan(SC)	5- 5-90
	p3'6	1.06 A. Zarro(US)	7-27-85
66	3'11 1/4	1.20 Gwen Davidson(AUS)	7-27-89
	3'2	0.96 Mary Bowermaster(OH)	3-24-84
67	3'9	1.14 Mary Bowermaster(OH)	3-30-85
68	3'8	1.12 Mary Bowermaster(OH)	7-18-86
69	3'7	1.09 Mary Bowermaster(OH)	6-27-87
	3'7	1.09 Shiela Evans(RSA)	6-16-84
	p3'7	1.09 Cornelia Spivey(VA)	5-21-88
70	3'8 1/2	1.13 Mary Bowermaster(OH)	11-28-87
71	3'7	1.09 Mary Bowermaster(OH)	6-22-89
72	3'5	1.04 Mary Bowermaster(OH)	8- 3-89
73	3'5	1.04 Mary Bowermaster(OH)	8- 3-90
74	3'6 1/4	1.07 Helga Mitschke(FRG)	11-28-87
	3'3	0.99 Shiela Evans(IN)	7-21-89
75	3'4	1.01 Vivian Nelson(PA)	7- 3-88
77	3'4 1/2	1.03 Berta Hielscher(FRG)	9-20-86
	3'0	0.91 Marie Uebel(MO)	6-22-89
	p3'2	0.96 Inga Van Hortenau(CO)	9- 2-89
79	3'1 1/2	0.95 Berta Hielscher(FRG)	11-28-87
80	2'10 3/4	0.88 Berta Hielscher(FRG)	8- 3-89

LONG JUMP

35	21'4	6.50 Willye White(US)	10-26-74
	21'4	6.50 Maria Lambrou(EUR)	8-21-88
	w21'7 1/2	6.59 Ar Jussila(EUR)	7-31-88
36	20'2 1/2	6.16 Willye White(US)	3- 3-75
37	21'0 1/2	6.41 Franciska Janssen(HOL)	7-15-82
	20'10 1/2	6.36 Willye White(US)	6-12-76
38	19'4	5.89 Jan Hynes(AUS)	2-19-83
	16'11 1/2	5.17 Phil Raschker(GA)	6- 8-85
	w17'11 1/2	5.47 Phil Raschker(GA)	5- 4-85
39	19'6 1/4	5.95 Franciska Janssen(HOL)	8-22-84
	16'10 1/2	5.14 Phil Raschker(GA)	2-22-86
	w17'10 1/2	5.45 Phil Raschker(GA)	7-27-86
	w17'5 3/4	5.33 Phil Raschker(GA)	7-19-86
40	20'1 1/4	6.13 Franciska Janssen(HOL)	6-13-85
	18'5	5.61 Phil Raschker(GA)	3-28-87
	w20'4 1/2	6.21 Franciska Janssen(HOL)	7- 7-85
	w18'8 3/4	5.71 Phil Raschker(GA)	8-14-87
41	18'9 1/2	5.73 Jan Hynes(AUS)	3- 9-86
	17'10	5.43 Phil Raschker(GA)	3-19-88
42	18'1	5.51 Phil Raschker(GA)	7-29-89
43	18'4	5.59 Helen Searle(AUS)	4- 2-83
	17'2	5.23 Phil Raschker(GA)	3-24-90
44	17'5	5.31 Jan Hynes(AUS)	3-24-89
	16'10 3/4	5.15 Joanne Grissom(IN)	7-20-83
	w17'8 1/2	5.40 Silke Mattelson(FRG)	8-20-88
45	17'11	5.46 Jan Hynes(AUS)	10- 1-89
	15'9	4.80 Irene Obera(CA)	4- 7-79
	w17'11 1/2	5.47 Dorit Breul(FRG)	6-25-88
46	16'6 3/4	5.05 Inga Stenbrink(SWE)	7-29-86
	13'7 1/2	4.15 Evelyn Hobbs(NY)	6-15-86
	w16'7 3/4	5.07 Edith Graff(BEL)	12- 1-87
47	17'0	5.18 Corrie Roovers(HOL)	7-15-82
	14'10 1/4	4.53 Shirley Smith(FL)	12-10-82
48	16'1	4.90 Corrie Roovers(HOL)	9-28-83
	15'1	4.60 Shirley Smith(FL)	6-11-83
49	16'9 1/2	5.12 E. Krzesinska(POL)	5- 8-83
	12'9 3/4	3.90 Evelyn Hobbs(NY)	6-25-88
50	16'6 1/2	5.04 Maeve Kyle(EIR)	7-29-79
	13'7	4.14 Christel Miller(CA)	3-30-85
51	15'7 3/4	4.77 Wendy Marie Ey(AUS)	7-29-89
	13'5 1/2	4.10 Becky Sisley(OR)	7-27-90
	p16'4	4.98 Hildegund Burkle(FRG)	8-23-85
	w16'7 1/4	5.06 Kaethi Diener(FRG)	9-27-86
	w14'0 1/2	4.28 Irene Obera(CA)	9-14-85
52	15'3 1/2	4.66 Olga Oldrichova(CZE)	8- 6-80
	12'9 3/4	3.90 Christel Miller(CA)	3-28-87
	p15'5 3/4	4.72 Corrie Roovers(HOL)	- -88
	w13'11 1/4	4.25 Irene Obera(CA)	7-19-86
	w13'9 1/2	4.20 Irene Obera(CA)	7- 5-86
	w15'9 3/4	4.82 Erna Bauman(FRG)	9-27-86
53	14'9 1/4	4.50 Kaethi Diener(FRG)	7-29-88
	13'3	4.04 Irene Obera(CA)	7-25-87
	w13'6 1/2	4.13 Irene Obera(CA)	8-14-87
54	14'10 3/4	4.54 Olga Oldrichova(CZE)	7-15-82
	14'6 1/2	4.43 Irene Obera(CA)	7-30-88
55	15'1 1/4	4.60 E. Krzesinska(POL)	7-29-89
	12'9 1/4	3.89 Christel Miller(CA)	3- 4-90
56	14'10	4.52 L. Seuberlich(FRG)	7-17-83
	12'3 3/4	3.75 Magdalena Kuehne(CA)	11-29-87
	p15'5	4.70 L. Seuberlich(FRG)	- -83
	w15'1	4.60 Shirley Peterson(NZL)	3- 3-85
	w12'7	3.83 Magdalena Kuehne(CA)	8-29-87
57	14'5 1/4	4.40 L. Seuberlich(FRG)	9-23-83
	12'1 1/2	3.69 Shirley Kinsey(CA)	3-28-87
58	14'4 3/4	4.39 L. Seuberlich(FRG)	6-26-85
	12'10	3.91 Betty Vosburgh(US)	6-23-90
59	14'10 1/4	4.53 L. Seuberlich(FRG)	8-23-85
	12'3 1/4	3.74 Betty Vosburgh(US)	8- 4-90
60	14'3 3/4	4.36 L. Seuberlich(FRG)	7-29-86
	11'0	3.35 Bernice Holland(OH)	3-28-87
61	14'3 1/4	4.35 P. Schneiderhan(FRG)	9-23-83
	10'5 1/2	3.19 Bernice Holland(OH)	3- 6-88
62	13'8 1/4	4.17 P. Schneiderhan(FRG)	8-22-84
	12'8 1/2	3.87 Leonore McDaniels(VA)	9- 1-90
63	13'9 3/4	4.21 P. Schneiderhan(FRG)	6-27-85
	12'1 3/4	3.70 J. Sullivan(SC)	4-30-88
64	14'2	4.32 P. Schneiderhan(FRG)	7-29-86
	11'0	3.35 J. Sullivan(SC)	6-22-89
	w14'4	4.37 P. Schneiderhan(FRG)	9-27-86
65	11'11	3.63 Mary Wixey(GBR)	3-15-86
	10'11 1/4	3.33 J. Sullivan(SC)	6- 9-90
66	14'8	4.47 P. Schneiderhan(FRG)	12- 1-87
	11'1	3.38 Mary Bowermaster(OH)	2-26-84
67	7'10i	4.93 Florence Berry(IL)	1- 8-89
68	11'0	3.35 Mary Wixey(GBR)	3-26-89
	9'2 1/4	2.80 Florence Berry(IL)	3-24-90
	w11'2 1/4	3.41 Mary Bowermaster(OH)	7-19-86
	w10'1 1/4	3.08 Mary Bowermaster(OH)	8-24-85
69	10'7	3.22 Mary Bowermaster(OH)	6-27-87
70	11'2 1/4	3.41 Mary Bowermaster(OH)	4-30-88
	w11'5 3/4	3.50 Mary Bowermaster(OH)	8-14-87
71	10'8 3/4	3.27 Mary Bowermaster(OH)	4- 1-89
72	9'10 1/2	3.01 Molly Mackown(CO)	8- 9-90
73	9'7 1/2	2.93 Anny Binder(FRG)	7-30-88
	8'1	2.46 Vivian Nelson(PA)	1- 5-86
	w9'6 1/2	2.91 Mary Bowermaster(OH)	8- 4-90
	w8'6 1/2	2.60 Vivian Nelson(PA)	7-19-86
74	9'6 1/4	2.90 Helga Mitschke(FRG)	7-30-88
	8'8 1/2	2.65 Marie Uebel(MO)	5-29-86
75	8'5 3/4	2.58 Irja Sarnama(FIN)	8- 7-81
	7'6 1/4	2.29 Vivian Nelson(PA)	3- 5-88
	w8'10 1/4	2.70 Shiela Evans(IN)	8- 4-90
76	8'3 3/4	2.53 Berta Hielscher(FRG)	8-23-85
	7'6	2.28 Marie Uebel(MO)	5-30-88
77	8'1	2.46 Polly Clarke(CO)	6-25-88
78	8'6	2.59 Polly Clarke(CO)	9- 4-88
79	7'8 1/2	2.35 Irja Sarnama(FIN)	6-27-85
80	6'6 3/4	2.00 Berta Hielscher(FRG)	7-29-89
	p5'10 3/4	1.80 Ruth Blattert(VA)	5-21-88
	w7'10 1/2	2.40 Ruth Frith(AUS)	4-14-90

TRIPLE JUMP

35	34'7	10.54 Phil Raschker(GA)	6-12-82
	p41'3	12.57 Ar Jussila(EUR)	- -88
	w34'9 1/2	10.60 Phil Raschker(GA)	8- 7-82
36	36'7	11.15 Phil Raschker(GA)	9-18-83
	w36'9	11.20 Phil Raschker(GA)	5- 7-83
37	35'3 3/4	10.76 Phil Raschker(GA)	5- 4-84
38	37'1 1/4	11.31 Eileen Hindle(AUS)	4-17-87
	30'2	9.19 Phil Raschker(GA)	8-24-85
	w33'11 1/2	10.35 Phil Raschker(GA)	5- 3-85
	w31'5 1/4	9.58 Kathleen Pierce(NY)	7-20-86
39	37'7 1/2	11.47 Eileen Hindle(AUS)	1-16-88
	34'1	10.39 Phil Raschker(GA)	6- 3-86
	w34'9 1/4	10.60 Phil Raschker(GA)	10-25-86
40	36'7 1/2	11.16 Phil Raschker(GA)	12- 1-87
	p36'9 3/4	11.22 Danielle Desmier(FRG)	8- 1-89
	w37'0 1/2	11.29 Phil Raschker(GA)	12- 1-87
41	35'4 1/2	10.78 Phil Raschker(GA)	3-20-88
42	37'3	11.35 Phil Raschker(GA)	8- 1-89
43	33'8	10.26 Phil Raschker(GA)	6- 9-90
44	32'5 3/4	9.90 Pat McNab(GBR)	12- 2-87
	32'0	9.75 Joanne Grissom(IN)	7- 3-83
	w32'7 1/4	9.94 Pat McNab(GBR)	12- 1-87
45	33'2 1/2	10.12 Jan Hynes(AUS)	11-18-89
	30'8 1/4	9.35 Joanne Grissom(IN)	9-18-83
46	31'4 3/4	9.57 Una Lund(AUS)	4- 1-88
	26'9 3/4	8.17 Christel Miller(CA)	8-16-81
	w32'9	9.98 Una Lund(AUS)	11-29-87
47	29'5 1/2	8.98 Joanne Grissom(IN)	8-25-85
48	28'4 1/4	8.64 Jackie Charles(GBR)	3-31-90
	27'2 1/2	8.29 Christel Miller(CA)	5-21-83
	w32'0	9.75 Helen Searle(AUS)	11-29-87
	w30'10	9.40 Una Lund(AUS)	4-15-90
49	30'4 1/2	9.26 Kathleen Holland(AUS)	3-26-89
	27'1	8.25 Becky Sisley(OR)	7-23-88
50	31'8 1/4	9.66 Helen Searle(AUS)	8- 1-89
	27'9	8.46 Becky Sisley(OR)	8- 1-89
51	32'7 3/4	9.95 Helen Searle(AUS)	9-22-90
	28'4 1/4	8.64 Becky Sisley(OR)	8- 5-90
52	28'11 3/4	8.83 Dorothy Whittam(AUS)	3-26-89
	28'5	8.66 Christel Miller(CA)	12- 5-87
	w28'9 3/4	8.78 Christel Miller(CA)	12- 5-87
53	30'1 3/4	9.19 Grethe Bolstad(NOR)	8- 1-89
	27'5 1/2	8.37 Christel Miller(CA)	3-20-88
54	27'9 1/2	8.47 Christel Miller(CA)	5- 7-89
55	31'9 1/4	9.68 E. Krzesinska(POL)	8- 1-89
	26'6 1/4	8.08 Christel Miller(CA)	8- 5-90
56	28'8	8.74 Unni Saether(NOR)	8- 1-89
	26'1 1/2	7.96 Magdalena Kuehne(CA)	7-11-87
	w28'1	8.56 Magdalena Kuehne(CA)	11-28-87
	w26'8 1/2	8.14 Magdalena Kuehne(CA)	8-29-87
57	26'6	8.08 Magdalena Kuehne(CA)	6- 4-88
	w27'7 1/4	8.41 Magdalena Kuehne(CA)	8- 5-88
58	27'2	8.28 Magdalena Kuehne(CA)	5- 7-89
59	25'11	7.90 Magdalena Kuehne(CA)	8- 5-90
60	26'5 1/4	8.06 Shirley Peterson(NZL)	11- 5-88
	14'6 1/4	4.42 Mary Holbert(MO)	6-12-82
	p15'8	4.77 Corral Bennet(US)	7-23-88
	w20'9	6.32 June Wehl(CO)	9- 5-87
61	27'2	8.28 Shirley Peterson(NZL)	2-25-90
	23'4	7.11 Bernice Holland(OH)	6-25-88



Leonore McDaniels in the triple jump, where she set a W60 U.S. record of 24-¼, TAC/USA National Masters Championships, Indianapolis, August 2-5. Photo by Jerry Wojcik

62	25'9 3/4	7.87	M. Mackinnon(AUS)	3-26-89
	25'0 3/4	7.64	Leonore McDaniels(VA)	9- 1-90
	w28'11 3/4	8.83	Kirsten Hveem(NOR)	12-10-87
	w28'9 3/4	8.78	Kirsten Hveem(NOR)	11-28-87
63	21'5	6.53	J. Sullivan(SC)	9- 2-88
	w23'0 3/4	7.03	Audrey Wood(NZL)	11-28-87
	w21'11 3/4	6.70	J. Sullivan(SC)	8- 5-88
64	25'6	7.77	Kirsten Hveem(NOR)	8- 1-89
	24'4 1/4	7.42	Mary E. Norckauer(LA)	7-20-89
65	22'6 1/2	6.87	Gwen Davidson(AUS)	4- 1-88
	21'9 1/2	6.64	Mary E. Norckauer(LA)	5-26-90
	w23'8 1/4	7.22	Gwen Davidson(AUS)	11-29-87
66	24'9	7.55	Gwen Davidson(AUS)	7-20-89
67	24'3 1/4	7.40	Gwen Davidson(AUS)	4- 1-90
	p9'10 1/2	3.01	Amy Robinson(US)	6-12-82
68	24'5	7.44	Mary Wixey(GBR)	7-20-89
69	19'3 1/2	5.88	Elga Meri(CAN)	8-12-90
	17'3 1/2	5.27	E. Hagamann(MA)	5-20-90
	w20'5	6.22	Elga Meri(CAN)	6- 9-90
70	19'9 1/2	6.03	Shiela Evans(RSA)	8-24-85
71	16'4	4.98	Edith Mendyka(CA)	5-15-82
72	15'7 3/4	4.77	Edith Mendyka(CA)	9-18-83
73	16'9 3/4	5.12	Edith Mendyka(CA)	1-29-84
	w18'11 1/4	5.77	Roseline Sole(NZL)	8- 1-89
74	20'9 1/4	6.33	Shiela Evans(IN)	7-20-89
75	20'1 1/4	6.13	Shiela Evans(IN)	8- 5-90
78	12'10 1/4	3.92	Edith Mendyka(CA)	8- 1-89

SHOT PUT (8 pounds/4 kgs)

35	70'5 1/4	21.47	H. Fibingerova(CZE)	2- 9-85
	53'5 3/4	16.30	Jane Frederick(CA)	8-31-87
36	69'6 1/2	21.19	H. Fibingerova(CZE)	8-11-85
	50'2 3/4	15.31	Jane Frederick(CA)	8-27-88
37	68'4 1/4	20.83	H. Fibingerova(CZE)	6-12-87
	49'10	15.19	Jane Frederick(CA)	6-13-89
38	66'11 1/2	20.41	H. Fibingerova(CZE)	9- 4-87
	38'5	11.71	Joan Stratton(CA)	9- 2-90
39	65'1 1/2	19.85	H. Fibingerova(CZE)	8- -88
	38'3	11.66	Cherrie Sherrard(CA)	5-27-78
40	62'6	19.05	Antonina Ivanova(URS)	8-28-73
	38'7	11.76	Joanne Grissom(IN)	7-19-79
41	62'10 1/2	19.16	Antonina Ivanova(URS)	2-24-74
	42'4	12.90	Joanne Grissom(IN)	7-22-80
42	60'4 1/2	18.40	Antonina Ivanova(URS)	5-17-75
	38'9 3/4	11.83	Joanne Grissom(IN)	8-10-80
43	60'5 1/4	18.42	Antonina Ivanova(URS)	6-23-76
	39'5	12.01	Joanne Grissom(IN)	7-21-82
44	54'11 1/2	16.75	Helgi Parts(URS)	8-21-82
	37'2 1/2	11.34	Joanne Grissom(IN)	2- 7-83
45	46'6 1/4	14.18	Liesl Huber(FRG)	10-13-79
	39'7 3/4	12.08	Joanne Grissom(IN)	7-22-84
	p55'1	16.79	Helgi Parts(URS)	- -83
46	45'11 3/4	14.01	Liesl Huber(FRG)	7-19-80
	33'11	10.34	Cherrie Sherrard(CA)	4-27-85
47	41'10 1/2	12.76	Sigrin Kofink(FRG)	7-17-82
	34'4 3/4	10.48	Joanne Grissom(IN)	8-24-85
48	38'2 1/4	11.64	A. Chatrine Ruhlow(FRG	7-21-85
	33'2	10.11	Cherrie Sherrard(CA)	4-25-87
49	39'8 3/4	12.11	A. Chatrine Ruhlow(FRG	5-31-86
	30'3	9.22	Vanessa Hilliard(FL)	8- 4-90

SHOT PUT (6 pounds/3 kgs)

50	48'8 3/4	14.85	Valerie Young(NZL)	11-29-87
	40'4 1/4	12.30	Joanne Grissom(IN)	4- 2-89
51	45'7 1/4	13.90	A. Chatrine Ruhlow(FRG	7-30-88
	41'6 1/2	12.66	Joanne Grissom(IN)	3-24-90
52	44'6 1/4	13.57	A. Chatrine Ruhlow(FRG	7-20-89
	39'0 1/4	11.89	Joanne Grissom(IN)	8- 4-90
53	41'8 1/2	12.71	Sigrin Kofink(FRG)	7-30-88
	33'2 1/2	10.12	Zsuzzana Seredi(HI)	12- 7-87
54	41'2	12.55	Marianne Hamm(FRG)	7-17-82
	32'1 3/4	9.80	Shirley Kinsey(CA)	7- 2-83
55	40'0	12.19	Rosemary Payne(GBR)	7-23-88
	31'9 1/4	9.68	Anne Cirulnick(NY)	7-15-90
56	42'6 3/4	12.97	Rosemary Chrimes(GBR)	7-20-89
	32'1 1/2	9.79	Bernice Holland(OH)	6-11-83
57	37'6	11.43	Marianne Hamm(FRG)	6-23-85
	31'9	9.68	Bernice Holland(OH)	3-25-84
58	37'9 1/4	11.51	Marianne Hamm(FRG)	8- 1-86
	32'4 1/2	9.87	Bernice Holland(OH)	2-22-86
59	32'7 1/4	9.94	L. Seuberlich(FRG)	6-22-86
	31'11	9.73	Bernice Holland(OH)	3- 9-86
60	38'6 1/4	11.74	Maria Van As(RSA)	5- 9-81
	32'0 1/2	9.76	Bernice Holland(OH)	6-27-87
61	35'8 3/4	10.89	Marianne Hamm(FRG)	8- 1-89
	31'7 1/4	9.63	Bernice Holland(OH)	3- 6-88
62	36'3	11.05	Marianne Hamm(FRG)	6-30-90
	32'2 3/4	9.82	Bernice Holland(OH)	7-20-89
63	33'1 1/4	10.09	Bernice Holland(OH)	3-24-90
64	36'2 1/2	11.03	Helen Stephens(MO)	6- 1-82
65	35'4	10.77	Helen Stephens(MO)	6- 1-83
66	34'6 1/2	10.53	Helen Stephens(MO)	5-29-84
67	31'9	9.68	Helen Stephens(MO)	6- 3-85
68	32'6 1/2	9.92	Helen Stephens(MO)	5-28-86
69	31'3	9.52	Helen Stephens(MO)	5- -87
70	29'3	8.91	Edith Mendyka(CA)	5- 9-81
71	28'0	8.53	Edith Mendyka(CA)	7-24-82
72	29'8	9.04	Edith Mendyka(CA)	2-19-83
73	28'5 1/2	8.67	Edith Mendyka(CA)	4-28-84
74	26'8	8.13	Edith Mendyka(CA)	7-27-85
75	26'4	8.02	Edith Mendyka(CA)	1-19-86
76	24'2 1/2	7.38	Irja Sarnama(FIN)	7-17-82
	24'1	7.34	Edith Mendyka(CA)	5-30-87
77	25'6	7.77	Irja Sarnama(FIN)	9-23-83
	22'7	6.88	Edith Mendyka(CA)	3- 5-88

78	25'7	7.80	Irja Sarnama(FIN)	8-22-84
	21'6	6.55	Edith Mendyka(CA)	7-30-89
79	24'2 1/2	7.38	Irja Sarnama(FIN)	8- 4-85
	11'6 1/2	3.52	Marilla Salisbury(CA)	3-28-87
	p18'5	5.61	Alice Humphrey(SD)	9- 7-90
80	23'1 1/4	7.04	Irja Sarnama(FIN)	9-13-86
81	24'0 1/4	7.32	Irja Sarnama(FIN)	8-31-87
	11'0 3/4	3.37	Marilla Salisbury(CA)	3- 5-89
	p12'6	3.81	Luadda Hoyt(US)	9- 7-90
82	21'10 1/2	6.67	Irja Sarnama(FIN)	12- 4-87
	11'7	3.53	Marilla Salisbury(CA)	8- 4-90
86	8'3	2.51	Mary Ames(CA)	5- 7-89

DISCUS THROW (1.0 kg)

35	228'4	69.60	Faina Myelnik(URS)	9- 9-80
	146'11	44.78	J. Fonda Wilson(CA)	7- 3-88
36	219'2	66.80	Faina Myelnik(URS)	7-15-81
	149'6	45.58	J. Fonda Wilson(CA)	5-27-89
37	208'5	63.52	Faina Myelnik(URS)	7-25-82
	169'7	51.70	Monette Bronson(UT)	5-23-89
38	206'4	62.90	Helgi Parts(URS)	10- 7-75
	117'1	35.68	Joan Stratton(CA)	7- 1-90
39	204'8	62.38	Helgi Parts(URS)	9-16-76
	99'0	30.17	Lurline Struppeck(LA)	8-24-85
40	198'11	60.64	Helgi Parts(URS)	6-29-78
	116'9	35.60	Maria Magyar(HI)	12- 7-87
41	206'5	62.92	Helgi Parts(URS)	10- 4-78
	107'4	32.72	Lurline Struppeck(LA)	5-28-88
42	201'7	61.44	Helgi Parts(URS)	9-21-79
	98'2	29.92	Joanne Grissom(IN)	7-14-81
43	209'0	63.70	Helgi Parts(URS)	10- 2-80
	91'4	27.84	Lurline Struppeck(LA)	8- 3-90
	p111'4	33.94	Mary Priest(OR)	8-15-87
44	198'9	60.58	Helgi Parts(URS)	7-15-82
	97'0	29.56	Joanne Grissom(IN)	7-20-83
45	194'6	59.30	Helgi Parts(URS)	9- 2-83
	106'5	32.44	Joanne Grissom(IN)	8- 7-83
46	158'3	48.24	Odete Domingos(BRA)	1-10-81
	87'8	26.72	Cherrie Sherrard(CA)	7-20-85
47	192'2	58.58	Helgi Parts(URS)	9-29-84
	93'9 1/4	28.58	Vanessa Hilliard(FL)	4- 9-89
48	146'10	44.76	A. Chatrine Ruhlow(FRG	7-20-85
	106'1	32.34	Vanessa Hilliard(FL)	7- 8-89
49	150'0	45.72	A. Chatrine Ruhlow(FRG	5-24-86
	96'7 3/4	29.46	Vanessa Hilliard(FL)	8- 3-90
50	145'0	44.20	Odete Domingos(BRA)	9-13-84
	88'6	26.99	Shirley Kinsey(CA)	4-19-80
	p97'3	29.64	Marjorie Larney(CA)	8-15-87
51	151'11	46.30	Odete Domingos(BRA)	7-13-86
	92'0	28.04	Joanne Grissom(IN)	8- 3-90
52	157'8	48.06	Odete Domingos(BRA)	6-23-87
	85'5	26.05	Shirley Kinsey(CA)	5- 8-82
53	127'5	38.84	Marianne Werner(FRG)	6-16-77
	121'1	36.92	Zsuzzana Seredi(HI)	12- 5-87
54	125'8	38.30	Almut Broemmel(FRG)	8- 4-89
	86'3	26.29	Shirley Kinsey(CA)	6- 9-84
55	130'4	39.72	Rosemary Payne(GBR)	7-31-88
	89'5	27.25	Bernice Holland(OH)	9-12-82
56	134'0	40.86	Rosemary Chrimes(GBR)	8- 4-89
	89'11	27.40	Bernice Holland(OH)	8- 6-83
57	112'2	34.20	Ilse Kirsten(FRG)	6-27-85
	100'8	30.68	Bernice Holland(OH)	6-30-84
58	102'10	31.34	Marianne Hamm(FRG)	7-29-86
	93'6	28.50	Bernice Holland(OH)	8- 3-85
59	111'7	34.02	Marianne Hamm(FRG)	10-11-86
	92'11 3/4	28.34	Bernice Holland(OH)	5- 3-86
60	105'8	32.22	Marianne Hamm(FRG)	6-25-88
	90'4	27.53	Bernice Holland(OH)	6-27-87
61	107'2	32.68	Marianne Hamm(FRG)	8- 4-89
	90'0	27.43	Bernice Holland(OH)	8- 5-88
62	92'3	28.12	Annchen Reile(FRG)	5-27-78
	91'1 3/4	27.78	Bernice Holland(OH)	8- 4-89
63	91'1	27.76	Bernice Holland(OH)	8- 3-90
64	92'11	28.34	Annchen Reile(FRG)	8- 1-79
	73'7	22.43	Helen Stephens(MO)	6- 1-82
	p93'4	28.46	Annchen Reile(FRG)	- -79
65	87'1	26.54	Annchen Reile(FRG)	1- 8-81
	64'6	19.66	Harriett Boyd(FL)	6-22-89
66	94'9 3/4	28.90	Annchen Reile(FRG)	8- 9-81
	73'6	22.40	Helen Stephens(MO)	5-29-84
67	73'0 1/2	22.26	Lore Klitsch(FRG)	7-30-88
	62'8	19.10	Helen Stephens(MO)	6- 3-85
68	83'2	25.35	Annchen Reile(FRG)	9-25-83
	63'6	19.35	Edith Mendyka(CA)	10- 6-79
69	80'10	24.64	Annchen Reile(FRG)	7-20-85
	68'7	20.90	Helen Stephens(MO)	6-27-87
70	66'5	20.24	Vera Wischmann(FRG)	7-16-82
	62'6	19.05	Edith Mendyka(CA)	8- 8-81
71	80'11	24.66	Annchen Reile(FRG)	10-11-86
	62'3	18.97	Edith Mendyka(CA)	3-13-82
72	79'1 3/4	24.12	Annchen Reile(FRG)	6-25-88
	61'3 1/2	18.68	Betty Jarvis(NC)	4-30-88
73	71'3 1/4	21.72	Annchen Reile(FRG)	7-30-88
	61'1	18.62	Edith Mendyka(CA)	6- 9-84
	p63'11 3/4	19.50	Rose Rustin(NY)	9-23-89
74	76'7 3/4	23.36	Annchen Reile(FRG)	7-22-89
	56'2	17.12	Edith Mendyka(CA)	7-27-85
75	60'10 3/4	18.56	Hanna Gelbrich(FRG)	7-30-88
	58'1	17.70	Edith Mendyka(CA)	1-19-86
76	63'9 1/2	19.44	Hanna Gelbrich(FRG)	8- 4-89
	51'10	15.80	Edith Mendyka(CA)	6-20-87
77	55'11	17.04	Irja Sarnama(FIN)	9-25-83
	51'3	15.62	Edith Mendyka(CA)	2-21-88
78	53'5	16.28	Irja Sarnama(FIN)	8-21-84
	46'7	14.20	Edith Mendyka(CA)	6-18-89
79	55'0 3/4	16.78	Irja Sarnama(FIN)	8- 3-85
	21'11 3/4	6.70	Marilla Salisbury(CA)	3-28-87
80	56'4 1/2	17.18	Irja Sarnama(FIN)	7-29-86
	30'1	9.17	E. Kawelaske(MO)	6- 2-90
81	50'8 3/4	15.46	Irja Sarnama(FIN)	8-31-87
	19'2	5.84	Marilla Salisbury(CA)	3- 5-89
82	54'5 1/2	16.60	Irja Sarnama(FIN)	11-29-87
	20'8	6.30	Marilla Salisbury(CA)	7-27-90

JAVELIN THROW (600 grams)

35	219'10	67.00	Tuula Laaksalo(FIN)	9-10-88
	194'6	59.28	Karin Smith(CA)	8-15-90
36	191'1	58.24	Anneli Virkkala(FIN)	6-12-83
	150'2	45.78	Jane Frederick(CA)	4- 1-89
	p159'8	48.66	Jane Frederick(CA)	- -88
37	193'4	58.94	A. Gerhards(FRG)	8-13-72
	158'3	48.24	Jane Frederick(CA)	4- 7-89
38	184'	56.10	Dana Zatopkova(CZE)	6-24-61
	132'10	40.50	Lurline Struppeck(LA)	5-25-85
39	172'4	52.54	A. Gerhards(FRG)	7-27-74
	117'4	35.78	Lurline Struppeck(LA)	8-23-85
40	170'1	51.84	Anneli Virkkala(FIN)	8- 2-87
	127'0	38.72	Lurline Struppeck(LA)	5-30-87
41	165'6	50.44	Dana Zatopkova(CZE)	7-15-64
	139'3	42.44	Lurline Struppeck(LA)	7-23-88
42	167'8	51.12	Dana Zatopkova(CZE)	9-19-64
	128'7	39.20	Lurline Struppeck(LA)	7-23-89
43	158'6	48.32	Almut Broemmel(FRG)	7- 1-78
	113'10	34.70	Lurline Struppeck(LA)	7-14-90
44	152'11	46.62	Almut Broemmel(FRG)	7-31-79
	101'7	30.96	Carole Leaf(NY)	7-20-86
	p157'8	48.06	A. Gerhards(FRG)	- -80
45	156'7	47.74	A. Gerhards(FRG)	5-30-81
	101'6	30.96	Carole Leaf(NY)	6- 7-87
46	138'8	42.28	Heather Doherty(AUS)	1-19-80
	101'0	30.78	Frances Conley(CA)	7-25-87
47	125'8	38.30	Uta Reinacher(FRG)	8-21-84
	100'5	30.61	Frances Conley(CA)	6-11-88
48	133'1	40.58	Uta Reinacher(FRG)	6-23-85
	102'8	31.30	Christel Miller(CA)	3-23-83
49	123'6	37.64	Averil Williams(GBR)	8-21-84
	96'6	29.41	Christel Miller(CA)	6-30-84

JAVELIN THROW (400 grams)

50	123'9	37.72	Heather Doherty(AUS)	10- 2-83
	109'0	33.22	Christel Miller(CA)	4-21-85
51	137'4	41.86	G. Schonauer(AUT)	9-24-88
	118'7	36.14	Becky Sisley(OR)	8- 4-90
52	143'9	43.82	G. Schonauer(AUT)	7-29-89
	104'5	31.82	Christel Miller(CA)	7-12-87
53	129'0	39.32	Heather Doherty(AUS)	12- 7-86
	101'0	30.78	Christel Miller(CA)	7- 9-88

54	135'11	41.44	Heather Doherty(AUS)	3-12-88
	104'7	31.88	Christel Miller(CA)	7-29-89
55	131'7	40.10	Heather Doherty(AUS)	1- 7-89
	100'2	30.53	Christel Miller(CA)	7-15-90
56	110'0	33.54	Heather Doherty(AUS)	4-15-90
	88'5	26.95	Shirley Kinsey(CA)	6- 7-86
57	119'10	36.54	Lieselotte Liess(FRG)	6-30-90
	89'6	27.28	Sharon Sahonchik(OR)	6-25-89
58	99'2 1/2	30.24	Marianne Hamm(FRG)	9- 7-86
	82'9 3/4	25.24	Bernice Holland(OH)	6-22-85
59	92'4	28.14	Bernice Holland(OH)	5- 3-86
60	100'4	30.58	Rachel Hanssens(BEL)	7-29-89
	92'10 1/4	28.30	Bernice Holland(OH)	11-29-87
61	88'1 1/2	26.86	Marianne Hamm(FRG)	7-29-89
	83'2	25.35	Bernice Holland(OH)	8- 4-88
62	103'0	31.40	Joan Ogden(GBR)	7- 9-89
	85'8 1/4	26.12	Bernice Holland(OH)	7-29-89
63	84'11	25.88	Bernice Holland(OH)	8- 4-90
64	82'5	25.14	Annchen Reile(FRG)	7-31-79
	72'0	21.94	Edith Mendyka(CA)	6-28-75
65	84'7	25.80	Hanna Gelbrich(FRG)	8- 6-80
	74'0	22.55	Edith Mendyka(CA)	6-27-76
66	75'11 3/4	23.16	Ada Turci(ITA)	6-30-90
	72'0	21.94	Edith Mendyka(CA)	6-26-77
67	80'7 3/4	24.58	Hanna Gelbrich(FRG)	7-15-82
	69'4	21.13	Helen Stephens(MO)	6- 3-85
68	76'2 1/4	23.22	Elga Meri(CAN)	6-10-89
	72'10	22.20	Helen Stephens(MO)	5-30-86
69	73'2	22.30	Annchen Reile(FRG)	6-22-85
	72'0	21.94	Edith Mendyka(CA)	7-12-80
70	81'11	24.97	Hanna Gelbrich(FRG)	9-26-83
	71'8	21.84	Edith Mendyka(CA)	8- 9-81
71	76'3	23.24	Hanna Gelbrich(FRG)	8-21-84
	71'8	21.84	Edith Mendyka(CA)	3-13-82
72	81'5 1/4	24.82	Hanna Gelbrich(FRG)	6-22-85
	72'7	22.12	Edith Mendyka(CA)	5-14-83
73	77'11 3/4	23.77	Hanna Gelbrich(FRG)	7-30-86
	73'8	22.45	Edith Mendyka(CA)	5-12-84
74	77'4 1/4	23.58	Hanna Gelbrich(FRG)	12- 1-87
	67'11	20.70	Edith Mendyka(CA)	8-10-85
75	74'5 3/4	22.70	Hanna Gelbrich(FRG)	7- 1-88
	68'0	20.72	Edith Mendyka(CA)	5-31-86
76	73'11 1/2	22.54	Hanna Gelbrich(FRG)	7-29-89
	65'8	20.01	Edith Mendyka(CA)	6-20-87
77	75'6 1/4	23.02	Hanna Gelbrich(FRG)	6-30-90
	59'11	18.26	Edith Mendyka(CA)	2-21-88
78	57'6 1/2	17.54	Edith Mendyka(CA)	7-29-89
79	59'0 3/4	18.00	Irja Sarnama(FIN)	6-22-85
	21'6	6.55	Marilla Salisbury(CA)	8-16-87
	p35'5	10.79	Alice Humphrey(SD)	9- 7-90
80	58'7 1/4	17.86	Irja Sarnama(FIN)	8-16-86
	20'4	6.20	Marilla Salisbury(CA)	7-23-88
81	56'2	17.12	Irja Sarnama(FIN)	8-31-87
82	49'5	15.06	Irja Sarnama(FIN)	12- 1-87
	23'0 1/2	7.02	Marilla Salisbury(CA)	8- 4-90

MEN'S RACE WALKING

TWO MILE WALK

40	13:49i	Ron Kulik(NJ)	2-19-78
41	14:00i	Bob Keating(NH)	3-19-88
42	13:31i	Larry Walker(CA)	1- 6-85
43	13:08	Larry Walker(CA)	1-11-86
44	14:11i	Ron Kulik(NJ)	2-26-82
45	14:15i	Bill Ranney(CA)	2-22-81
46	14:46	Ron Kulik(NJ)	7-14-84
47	15:02i	Howard Jacobsen(NY)	2-19-78
48	14:35i	Jack Boitano(CT)	3-14-81
49	14:38	Maurice Hinton(NZ)	2-23-85
	14:57i	Jack Boitano(CT)	3-21-82
50	15:01	John Elwarner(MI)	2-24-90
51	14:34	Maurice Hinton(NZ)	1-31-87
	15:25i	Sal Corrallo(VA)	12-19-82
	15:25i	Jack Boitano(CT)	3-24-84
52	15:08i	Sal Corrallo(VA)	2-20-83
53	15:48	Robert Mimm(NJ)	8- -78
54	15:13i	Max Green(MI)	1-24-87
55	15:36i	Max Green(MI)	3-29-87
56	16:23	Jack Bray(CA)	5- 6-89
57	16:51	Don Johnson(NJ)	7-20-74
58	15:33	Max Green(MI)	2-24-90
59	16:34	Alan Scott(SWE)	10-10-85
	17:02i	Robert Mimm(NJ)	3-24-84
60	16:44	Robert Mimm(NJ)	9-29-85
61	17:57	Don Johnson(NJ)	6-18-78
62	16:46i	Robert Mimm(NJ)	1-18-87
63	15:58i	Robert Mimm(NJ)	1-10-88
64	17:42	Bengt Gustafsson(SWE)	10-12-86
	17:59i	Don Johnson(NJ)	3-22-81
65	18:12	Tim Dyas(NJ)	11- 3-85
66	18:21	Don Johnson(NJ)	8-16-83
67	18:32i	Don Johnson(NJ)	3-18-84
68	18:03	Arne Svensson(SWE)	10-19-85
	18:24	Dave Lakritz(NY)	6-25-78
69	18:12	Arne Svensson(SWE)	10-12-86
	18:30	Gordon Wallace(AZ)	4- 7-79
70	18:11	Gordon Wallace(AZ)	4-19-80
71	18:32i	Dave Lakritz(NY)	2-15-81
72	18:56	Gordon Wallace(AZ)	6-12-82
73	19:09	Gordon Wallace(AZ)	8-20-83
74	19:17	Giulio Depetra(CA)	5-19-85
75	19:28	Chesley Unruh(CA)	6-19-82
76	21:23i	Byron Fike(OH)	2-26-84
77	20:48i	Martin Bartels(IL)	1- 4-86
78	20:52i	Martin Bartels(IL)	3-15-87
79	22:47i	Byron Fike(OH)	2-22-87
80	22:36	Paul Fairbank(MD)	12- 7-86
81	22:54i	Martin Bartels(IL)	2-11-90
82	23:10	Paul Fairbank(MD)	10-23-88
83	24:12	Paul Fairbank(MD)	10-22-89
84	25:00i	Earl Bailey(VA)	3-11-84
88	36:51	Earl Bailey(VA)	11- 1-87

5k WALK

40	20:57	Larry Walker(CA)	3- 5-83
41	20:20	Willi Sawall(AUS)	2-19-83
42	21:32	Larry Walker(CA)	3- 2-85
43	21:10	Larry Walker(CA)	6-14-86
44	21:58	Bill Ranney(CA)	8- 9-79
45	21:27	Larry Walker(CA)	6-18-88
46	21:40	Larry Walker(CA)	6-18-89
47	22:09	John Knifton(TX)	10-11-86
48	21:11	Willi Sawall(AUS)	3-31-90
	22:31	John Knifton(TX)	9-10-88
49	23:24	John Knifton(TX)	9- 9-89
50	22:52	Maurice Hinton(NZ)	2- 1-86
	23:33	John Knifton(TX)	10-14-89
51	23:23	Jaan Roos(CAN)	8-27-88
	23:23	Abdum Pamich(ITA)	6-29-85
	23:34	John Elwarner(MI)	9- 8-90
52	23:29	David Stevens(GB)	8-25-88
	24:09	Jack Boitano(CT)	7-28-85
53	24:28	Alex Oakley(CAN)	6-19-79
	24:43	John Allen(CA)	6-24-79
54	24:18	Max Green(MI)	11-10-86
55	24:16	Max Green(MI)	5-17-87

10k WALK

40	40:08	Willi Sawall(AUS)	8-28-82
	43:23	Larry Walker(CA)	12- 4-83
41	40:39	Marcel Jobin(CAN)	7-23-83
	44:59	Larry Walker(CA)	4-29-84
42	41:14	Willi Sawall(AUS)	5-26-84
	43:51	Larry Walker(CA)	11- 3-85
43	45:12	John Knifton(TX)	10-16-82
44	41:58	Willi Sawall(AUS)	4-12-86
	44:35	Larry Walker(CA)	4-26-87
45	44:54	Larry Walker(CA)	4-24-88
46	42:18	Willi Sawall(AUS)	4- 2-88
	45:18	Larry Walker(CA)	12- 9-89
47	42:26	Willi Sawall(AUS)	7-15-89
	45:00	Larry Walker(CA)	4-22-90
48	48:17	George Chaplin(GB)	3-24-79
	48:21	Ron Laird(CO)	9-13-86
49	48:01	Jaan Roos(CAN)	9-28-86
	50:01	John Elwarner(MI)	7- 8-89
50	47:44	George Chaplin(GB)	4-12-81
	49:06	John Elwarner(MI)	7- 7-90
51	47:26	George Chaplin(GB)	7- 3-82
	49:11	John Elwarner(MI)	9-30-90
56	24:37	Bryan Hawkins(GB)	8-22-84
	25:21	Max Green(MI)	5-29-88
57	24:42	Max Green(MI)	4-23-89
58	24:36	Max Green(MI)	4-21-90
59	25:41	Max Gould(CAN)	9-11-76
	26:32	Robert Mimm(NJ)	7-30-84
60	24:48	Bryan Hawkins(GB)	5-24-88
	25:48	Robert Mimm(NJ)	8-19-85
61	25:21	Max Gould(CAN)	10-14-78
	27:19	Robert Mimm(NJ)	5- 3-86
62	25:37	Max Gould(CAN)	6-14-80
	27:11	Anthony Medieros(MA)	8- 8-75
63	24:30	Robert Mimm(NJ)	11- 6-87
64	27:03	Carlo Bomba(ITA)	7-30-86
	27:13	Robert Mimm(NJ)	6-19-89
65	27:29	Robert Mimm(NJ)	8- 2-90
66	25:44	Tom Daintry(AUS)	3-25-78
	28:40	Don Johnson(NJ)	8-15-83
67	28:15	Max Gould(CAN)	8-17-84
	29:25	Don Johnson(NJ)	7-30-84
68	26:23	Tom Daintry(AUS)	4-15-79
	29:05	Don Johnson(NJ)	8-24-85
69	26:27	Tom Daintry(AUS)	1-11-81
	29:12	Gordon Wallace(AZ)	4- 7-79
70	28:39	Gordon Wallace(AZ)	4-19-80
71	27:02	Tom Daintry(AUS)	4-10-82
	29:48	Gordon Wallace(AZ)	8-15-81
72	29:15	Gordon Wallace(AZ)	6-12-82
73	28:09	Alfred Roberts(GB)	8-13-75
	29:55	Gordon Wallace(AZ)	8-20-83
74	27:56	James Grimwade(GB)	7-28-86
	30:13	Giulio Depetra(CA)	5-19-85
75	27:48	James Grimwade(GB)	7-12-87
	30:47	Giulio Depetra(CA)	5-18-86
76	28:44	Tom Daintry(AUS)	4-18-87
	32:28	Chesley Unruh(CA)	3- 5-83
77	32:21	Giulio Depetra(CA)	6-26-88
78	29:33	Tom Daintry(AUS)	8- 4-89
	32:13	Giulio Depetra(CA)	8- 4-89
79	29:59	Tom Daintry(AUS)	4-14-90
	32:34	Giulio Depetra(CA)	4- 7-90
80	30:42	Albert Theobald(AUS)	8-13-77
	35:08	Tony Perona(CA)	3-19-89
81	34:57	Tony Perona(CA)	9-17-89
82	32:35	Albert Theobald(AUS)	3-24-79
	34:43	Byron Fike(OH)	8- 7-90
83	32:21	Albert Theobald(AUS)	4- 6-80
	34:52	Paul Spangler(CA)	6-19-82
84	37:35	Paul Spangler(CA)	9-26-83
85	33:15	Albert Theobald(AUS)	4-10-82
	37:50	Paul Spangler(CA)	8-17-84
86	33:15	Albert Theobald(AUS)	4- 4-83
	37:41	Paul Spangler(CA)	8-24-85
87	33:53	Albert Theobald(AUS)	4-21-84
	37:10	Paul Spangler(CA)	5-24-86
88	34:54	Albert Theobald(AUS)	6-26-85
	38:26	Paul Spangler(CA)	7-25-87
90	35:10	Albert Theobald(AUS)	4-18-87
	43:51	Paul Spangler(CA)	8- 4-89
52	49:18	Alan Scott(SWE)	7-28-79
	49:40	Jack Boitano(CT)	8- 4-85
53	50:04	Sal Corrallo(VA)	3- 4-84
54	49:54	Max Green(MI)	9-28-86
55	49:06	Louis Marquis(SWI)	7-11-85
	50:00	Max Green(MI)	9-22-87
56	49:58	George Chaplin(GB)	9-27-87
	50:04	Max Green(MI)	4-10-88
57	50:09	Max Green(MI)	10-21-89
58	50:03	Max Green(MI)	9-30-90
59	53:50	Alan Scott(SWE)	7- 5-86
	54:06	Robert Mimm(NJ)	10-30-83
60	52:00	Max Gould(CAN)	7-16-78
	53:38	Robert Mimm(NJ)	12- 9-84
61	51:20	Max Gould(CAN)	10-14-78
	53:38	Robert Mimm(NJ)	12- 8-85
62	47:48	Carlo Bomba(ITA)	9- 2-84
	54:15	Robert Mimm(NJ)	4- 5-87
63	50:26	Carlo Bomba(ITA)	10-14-84
	56:38	Robert Mimm(NJ)	5- 1-88
64	55:35	Max Gould(CAN)	12- 5-81
	56:09	Robert Mimm(NJ)	12-11-88
65	55:30	George Braceland(PA)	12-23-78
66	58:27	Jochen Mueller(FRG)	7-28-79
	60:00	Don Johnson(NJ)	8-13-83
67	58:03	Chico Scimone(ITA)	7-28-79
	60:37	George Braceland(PA)	4- 5-81
68	57:12	Dick Horsley(AUS)	7-18-81
	60:03	Don Johnson(NJ)	12- 8-85
69	58:07	Arne Svensson(SWE)	10-19-86
	59:50	Gordon Wallace(AZ)	7-28-79
70	54:17	Tom Daintry(AUS)	5- 9-81
	61:13	Gordon Wallace(AZ)	7-12-80
71	60:42	Cokey Daman(VA)	7- 7-90
72	61:02	Connor Johnson(RSA)	7-28-79
	61:45	Giulio Depetra(CA)	8-21-83
73	57:17	James Grimwade(GB)	11-17-85
	62:40	Don Johnson(NJ)	5-20-90
74	55:56	James Grimwade(GB)	10-12-86
	62:09	Giulio Depetra(CA)	5- 4-85
75	55:01	James Grimwade(GB)	9-27-87
	64:48	Gordon Wallace(AZ)	11- 3-85
76	66:02	Giulio Depetra(CA)	6- 7-87
77	61:18	Alfred Roberts(GB)	7-28-79
	65:54	Tony Perona(CA)	11- 3-85
78	71:15	Tony Perona(CA)	5-24-87
79	62:51	Tom Daintry(AUS)	4-21-90
	68:06	Giulio Depetra(CA)	4-28-90
80	71:01	Tony Perona(CA)	3-19-89
81	74:45	Walter Keeler(GB)	8-26-79
	77:18	Martin Bartels(IL)	7- 9-90
82	66:40	Albert Theobald(AUS)	6- 2-79
	72:59	Tony Perona(CA)	5-27-90
83	66:24	Albert Theobald(AUS)	3- 5-80
86	83:56	George Conway(MA)	7- 8-89
87	82:44	George Conway(MA)	7- 7-90

15k WALK

40	1:04:26	Willi Sawall(AUS)	4-28-82
	1:07:34	Larry Walker(CA)	5-15-83
41	1:08:09	Larry Walker(CA)	4-29-84
42	1:02:47	Willi Sawall(AUS)	6- 2-84
	1:11:39	Bob Keating(NH)	7-30-89
43	1:10:20	Larry Walker(CA)	4-20-86
44	1:08:37	Larry Walker(CA)	11-29-87
45	1:05:35	Willi Sawall(AUS)	8-15-87
	1:15:21	Rudy Haluza(CA)	12-19-76
46	1:04:53	Willi Sawall(AUS)	6-26-88
	1:10:57	Larry Walker(CA)	4-30-89
47	1:09:34	Larry Walker(CA)	10-16-90
48	1:13:12	Gary Little(NZL)	9-15-90
	1:13:21	Ron Laird(CO)	9-13-86
49	1:13:03	J. A. Barraclough(GB)	8-25-72
	1:16:37	Jack Boitano(CT)	6-27-82
50	1:17:37	John Elwarner(MI)	4- 8-90
51	1:17:40	Jaan Roos(CAN)	9-11-88
	1:19:40	Chuck Marut(CA)	11-19-89
52	1:13:52	Mario Sciarretta(ITA)	10-12-86
	1:17:55	Sal Corrallo(VA)	5- 8-83
53	1:18:07	John Allen(CA)	3-17-79
54	1:20:10	Max Green(MI)	2--7-87
55	1:14:09	Maurice Hinton(NZ)	10-13-90
	1:19:15	Max Green(MI)	8-16-87
56	1:17:34	Max Green(MI)	4-17-88

57	1:19:35	Max Green(MI)	8-19-89
58	1:17:29	Max Green(MI)	4- 8-90
59	1:23:14	John Kelly(CA)	4-30-89
60	1:23:05	Dick Horsley(AUS)	9- 1-73
	1:23:53	Robert Mimm(NJ)	8-25-85
61	1:27:45	Robert Mimm(NJ)	2-23-86
62	1:20:53	Carlo Bomba(ITA)	2- 5-84
	1:24:35	Anthony Medieros(MA)	10-11-75
63	1:20:12	Max Gould(CAN)	9-28-80
	1:25:29	Robert Mimm(NJ)	10-16-88
64	1:24:10	Anthony Medieros(MA)	9-17-77
65	1:29:12	Robert Mimm(NJ)	4- 8-90
66	1:36:47	Anthony Medieros(MA)	12-16-79
67	1:33:00	Harold McWilliams(CA)	5-15-83
68	1:35:15	Don Johnson(NJ)	8-25-85
69	1:33:42	Gordon Wallace(AZ)	6- 2-79
70	1:22:53	Tom Daintry(AUS)	4-25-81
	1:32:30	Gordon Wallace(AZ)	7-12-80
71	1:35:38	Gordon Wallace(AZ)	1-13-81
72	1:31:57	Giulio Depetra(CA)	8-21-83
73	1:35:35	Giulio Depetra(CA)	11-17-84
74	1:35:49	Giulio Depetra(CA)	11-17-85
75	1:28:46	Tom Daintry(AUS)	6-22-86
	1:43:05	Gordon Wallace(AZ)	8- 4-85
76	1:34:47	Albert Theobald(AUS)	12-23-73
	1:39:25	Giulio Depetra(CA)	6- 7-87
77	1:40:32	Giulio Depetra(CA)	6- 5-88
78	1:41:14	Giulio Depetra(CA)	4-30-89
79	1:38:26	Tom Daintry(AUS)	4-29-90
	1:50:14	Tony Perona(CA)	3-20-88
80	1:47:52	Tony Perona(CA)	3-19-89
82	1:52:22	Tony Perona(CA)	5-27-90
84	2:31:57	Earl Bailey(VA)	11-05-83
86	2:25:57	Earl Bailey(VA)	4-21-85

20k WALK

40	1:21:36	Willi Sawall(AUS)	7- 4-82
	1:33:06	John Knifton(TX)	12-27-79
41	1:25:11	Willi Sawall(AUS)	9- 3-83
	1:31:35	Larry Walker(CA)	4-29-84
42	1:23:27	Willi Sawall(AUS)	4- 5-84
	1:35:13	Bill Ranney(CA)	3-12-78
43	1:27:40	Gerhard Weidner(FRG)	4-16-76
	1:36:51	John Knifton(TX)	3-13-83
44	1:25:09	Willi Sawall(AUS)	4-19-86
	1:31:31	Larry Walker(CA)	11-29-87
45	1:31:21	Gerhard Weidner(FRG)	8-12-78
	1:42:30	Bill Ranney(CA)	5- 3-81
46	1:25:03	Willi Sawall(AUS)	8-27-88
	1:32:42	Larry Walker(CA)	7-30-89
47	1:28:12	Willi Sawall(AUS)	12-18-88
	1:33:09	Larry Walker(CA)	6-16-90
48	1:35:25	Gerhard Weidner(FRG)	5- 2-81
	1:39:11	Ron Laird(CO)	9-13-86
49	1:34:15	Gerhard Weidner(FRG)	7-24-82
	1:44:08	John Elwarner(MI)	7-30-89
50	1:33:35	Gerhard Weidner(FRG)	4-30-83
	1:44:34	John Elwarner(MI)	4- 8-90
51	1:36:56	Gerhard Weidner(FRG)	4-28-84
	1:45:12	Chuck Marut(CA)	7-30-89
52	1:35:35	Gerhard Weidner(FRG)	4-27-85
	1:43:28	John Allen(CA)	8-20-78
53	1:35:15	Gerhard Weidner(FRG)	7-11-86
	1:42:45	Sal Corrallo(VA)	3- 4-84
54	1:45:23	Herward Kloppe(FRG)	9-15-78
	1:48:48	Max Green(MI)	7-20-86
55	1:41:35	Louis Marquis(SWI)	6-16-85
	1:45:36	Max Green(MI)	8-16-87
56	1:43:53	Max Green(MI)	4-11-88
57	1:44:50	John Ljunggren(SWE)	8-13-77
	1:46:31	Max Green(MI)	4-16-89
58	1:43:41	Max Green(MI)	4- 8-90
59	1:48:24	Peter Worth(GB)	11-29-88
	1:54:33	John Kelly(CA)	3-19-89
60	1:47:38	Max Gould(CAN)	8-13-77
	1:53:33	Robert Mimm(NJ)	8-25-85
61	1:44:23	Max Gould(CAN)	9-15-78
	1:50:55	Robert Mimm(NJ)	10- 5-86
62	1:51:05	A. Sturni(FRA)	6-29-85
	1:51:19	Robert Mimm(NJ)	9- 7-87
63	1:43:50	Carlo Bomba(ITA)	6- 2-85
	1:49:09	Robert Mimm(NJ)	11-29-87
64	1:52:46	Alfred Poole(GB)	9-15-78
	1:56:00	Robert Mimm(NJ)	4-30-89
65	1:54:30	Max Gould(CAN)	7-31-82
	1:56:00	Robert Mimm(NJ)	5- 6-90
66	1:58:26	Chico Scimone(ITA)	9-15-78
	1:59:10	Robert Mimm(NJ)	10-21-90
67	2:00:18	Max Gould(CAN)	6-29-85
	2:08:10	Harold Wright(NB)	11-29-87
68	2:01:42	J. Stork-Zofka(CZE)	8-13-77
	2:06:23	Don Johnson(NJ)	6-29-85
69	1:51:18	Tom Daintry(AUS)	1-13-81
	2:03:58	Gordon Wallace(AZ)	7-31-79
70	1:59:59	Alfred Roberts(GB)	4- 1-72
	2:03:37	Cokey Daman(VA)	7-30-89
71	2:01:35	Charles Megnin(GB)	8- 1-86
	2:07:52	Cokey Daman(VA)	5- 6-90
72	2:02:13	Tom Daintry(AUS)	4- 5-83
	2:04:47	Giulio Depetra(CA)	8-21-83
73	1:59:38	James Grimwade(GB)	5-17-12
	2:09:32	Don Johnson(NJ)	5- 6-90
74	1:58:10	James Grimwade(GB)	8- 1-86
	2:09:12	Giulio Depetra(CA)	6-29-85
75	1:56:22	James Grimwade(GB)	10-31-87
	2:11:47	Giulio Depetra(CA)	8- 1-86

Max Green, 58, betters the M55 20K WR with a time of 1:43:41 at the John Mortland Invitational Racewalks in Columbus, Ohio on April 8.
Photo by John White

76	1:59:42	Alfred Roberts(GB)	9-15-78
	2:12:20	Giulio Depetra(CA)	11-29-87
77	2:07:33	Alfred Roberts(GB)	7-31-79
	2:09:44	Giulio Depetra(CA)	2- 2-88
78	2:10:53	Tom Daintry(AUS)	7-30-89
	2:13:34	Giulio Depetra(CA)	7-30-89
79	2:06:19	Tom Daintry(AUS)	4-16-90
	2:20:35	Giulio Depetra(CA)	7- 8-90
80	2:11:55	Albert Theobald(AUS)	8-13-77
	2:25:19	Tony Perona(CA)	3-19-89
81	2:31:32	Connor Johnston(RSA)	5- 6-88
	2:32:26	Tony Perona(CA)	7-23-89
82	2:32:34	Connor Johnston(RSA)	3-31-90
83	2:22:12	Albert Theobald(AUS)	1-13-81
85	2:26:07	Albert Theobald(AUS)	8-21-82
86	2:28:24	Albert Theobald(AUS)	4- 5-83
	2:56:32	Earl Bailey(VA)	5-26-85
88	2:35:12	Albert Theobald(AUS)	6-29-85
90	2:34:01	Albert Theobald(AUS)	4- 3-87

25k WALK

40	2:01:22	John Knifton(TX)	3-23-80
41	2:02:46	Roy Thorpe(GB)	8-16-75
	2:10:18	Ron Kulik(NJ)	11-26-78
42	2:10:32	Jeff Bomer(TX)	11-26-78
43	2:08:00	Bill Ranney(CA)	3-18-79
44	1:59:59	Larry Walker(CA)	5-24-87
45	2:04:52	Bill Ranney(CA)	7-13-80
46	2:11:54	Bill Ranney(CA)	3-28-82
47	2:01:26	Gary Little(NZL)	10-15-89
	2:15:20	Sal Corrallo(VA)	11-26-78
48	2:13:43	P. Andreotti(ITA)	6-11-89
	2:13:55	Jack Boitano(CT)	7-19-81
49	2:06:26	Alex Oakley(CAN)	8-16-75
	2:16:59	Sal Corrallo(VA)	11- 2-80
50	2:15:38	Wilhelm Soderlund(SWE)	8-16-75
	2:16:13	Sal Corrallo(VA)	7-19-81
51	2:16:48	John Pottage(AUS)	8-16-75
	2:20:55	Robert Mimm(NJ)	4-25-76
52	2:11:01	John Allen(CA)	11-26-78
53	2:25:04	Mario Sciarretta(ITA)	9-20-87
	2:26:46	Fred Dunn(CA)	3-28-82
54	2:17:01	Max Green(MI)	4- 6-86
55	2:14:06	Max Green(MI)	5-24-87
56	2:25:45	Don Johnson(NJ)	3-18-73
57	2:27:46	Kaare Hammer(NOR)	8-16-75
	2:28:45	John Kelly(CA)	5-24-87
58	2:19:33	Max Gould(CAN)	8-16-75
	2:22:37	Robert Mimm(NJ)	4-10-83
59	2:31:47	Jan Blidberg(SWE)	8-16-75
	2:38:15	Fred Dunn(CA)	3-20-88
60	2:25:16	Robert Mimm(NJ)	4-21-85
61	2:28:51	Robert Mimm(NJ)	4- 6-86
62	2:28:36	Anthony Medieros(MA)	10-26-75
63	2:14:02	Carlo Bomba(ITA)	3- 3-85
	2:24:15	Robert Mimm(NJ)	10-16-88
64	2:24:25	Max Gould(CAN)	7-19-81
	2:35:47	Don Johnson(NJ)	7-19-81
65	2:37:21	Sydney Smith(GB)	8-16-75
	2:42:01	Robert Mimm(NJ)	9- 4-90
66	2:43:55	Anthony Medieros(MA)	12-16-79
67	2:49:26	Lawrence O'Neil(MT)	8-16-75
68	2:48:06	Don Johnson(NJ)	4-21-85
69	2:42:59	Gordon Wallace(AZ)	6-17-79
70	2:30:26	Tom Daintry(AUS)	5-17-81
	2:47:43	Don Johnson(NJ)	10-24-87
71	2:47:31	Cokey Daman(VA)	9- 4-90
72	2:54:46	Gordon Wallace(AZ)	3-28-82
73	2:37:56	Alfred Roberts(GB)	8-16-75
	2:56:58	Gordon Wallace(AZ)	5-21-83
74	3:15:35	Harry Drazin(NJ)	2-21-88
75	3:07:10	Harry Drazin(NJ)	10-16-88
76	3:48:56	George Knox(OH)	3-27-88
77	3:09:45	Gordon Wallace(AZ)	5-24-87
78	2:48:44	Albert Theobald(AUS)	8-16-75
	3:09:03	Tony Perona(CA)	5-24-87
84	3:59:43	Earl Bailey(VA)	11- 5-83
85	3:52:20	Earl Bailey(VA)	11- 3-84

50k WALK

40	3:53:05	Evgeny Ivchenko(URS)	5-13-79
	4:22:20	John Knifton(TX)	2-17-80
41	3:50:24	Evgeny Ivchenko(URS)	7-27-79
	4:37:54	John Kelly(CA)	10-11-70
42	3:55:16	Marcel Jobin(CAN)	4-15-84
	4:19:27	Eugene Kitts(HI)	10-28-90
43	4:06:20	Gerhard Weidner(FRG)	9-18-76
	4:57:34	Alan Price(DC)	4- 8-90
44	3:59:48	Willi Sawall(AUS)	8-17-86
	4:41:07	John Knifton(TX)	12-11-83
45	4:02:17	Gerhard Weidner(FRG)	10- 1-78
	4:56:57	Christian Amoroso(CO)	6-16-79
46	4:01:01	Gerhard Weidner(FRG)	9-30-79
	4:36:24	Bill Ranney(CA)	6-20-82
47	4:00:49	Gerhard Weidner(FRG)	4-19-80
	4:59:55	Sal Corrallo(VA)	9-10-78
48	4:17:45	Gerhard Weidner(FRG)	4-26-81
	4:53:11	Sal Corrallo(VA)	8-26-79
49	4:43:05	Frank Knaringer(FRG)	10-13-85
	4:52:31	Sal Corrallo(VA)	5-13-80
50	4:14:37	Gerhard Weidner(FRG)	8-28-83
	5:14:43	Glen Wells(UT)	4-27-86
51	4:50:46	Peter Worth(GB)	7-18-81
	5:07:01	Sal Corrallo(VA)	5-16-82
52	4:55:12	John Allen(CA)	9-10-78
53	5:03:29	Peter Worth(GB)	8- 6-83
	5:04:45	Sal Corrallo(VA)	4-29-84
54	5:04:46	Don Johnson(NJ)	4- 4-71
55	5:00:39	Max Green(MI)	2-21-88
56	5:06:36	Peter Worth(GB)	4-12-86
	5:20:40	Karl Krueger(CA)	2-22-87
57	5:11:54	Sal Corrallo(VA)	2-21-88
58	5:09:52	Peter Worth(GB)	4- 9-88
	5:40:35	Don Johnson(NJ)	4-20-75
59	4:50:37	Max Gould(CAN)	3-13-77
	5:38:59	Lawrence O'Neil(MT)	6-11-67
60	4:59:58	Max Gould(CAN)	11-13-77
	5:09:20	John Stowers(TX)	3- 5-89
61	5:28:12	Helmut Hampe(FRG)	5-31-73
	5:37:30	Lawrence O'Neil(MT)	9-13-69
62	5:47:49	Helmut Hampe(FRG)	9-28-74
	6:34:44	Sam Meerkreebs(MD)	5-16-82
63	5:13:12	Robert Mimm(NJ)	4- 2-88
65	5:38:59	Len Creo(GB)	4- 9-88
	5:40:51	Robert Mimm(NJ)	4- 8-90
66	5:48:01	Gerd Nichek(FRG)	3-21-82
67	6:24:18	George Knox(OH)	10-28-78
68	6:31:44	George Knox(OH)	4- 6-80
69	6:29:33	George Knox(OH)	7-23-80
70	5:37:36	Tom Daintry(AUS)	9- 6-81
	6:18:14	Cokey Daman(VA)	3- 5-89
71	6:27:36	Denis Cock(RSA)	7-27-85
	7:12:30	George Knox(OH)	7-17-82
72	5:58:55	Ernie Warwick(GB)	4- 9-88
	6:36:34	Don Johnson(NJ)	3- 5-89
73	7:22:48	John Clough(RSA)	8-23-86
74	7:04:23	Harry Drazin(NJ)	2-21-88
75	5:19:34	James Grimwade(GB)	8- 1-87
	7:58:15	George Knox(OH)	11- 2-86
	7:18:21p	Henry Bent(MO)	11- 6-76

WOMEN'S RACE WALKING

ONE MILE WALK

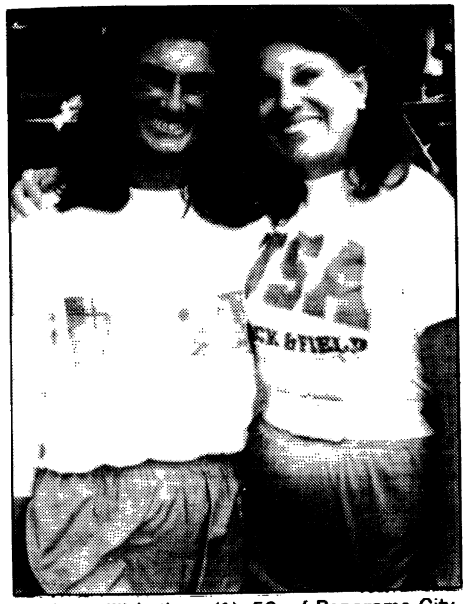
40	7:51i	Jolene Steigerwalt(CA)	2-11-84
41	7:45i	Jolene Steigerwalt(CA)	2- 3-85
42	8:06	Jolene Steigerwalt(CA)	7- 2-86
43	8:32	Lori Maynard(CA)	4- 7-79
44	8:06	Lori Maynard(CA)	5-26-80
45	8:05	Jo Ann Nedelco(CA)	4-15-89
46	7:56	Jo Ann Nedelco(CA)	6-10-89
47	7:52	Jo Ann Nedelco(CA)	6- 9-90
48	8:21	Beverly La Veck(WA)	7-25-84
49	8:24i	Beverly La Veck(WA)	2-23-86
50	8:35	Beverly La Veck(WA)	4-24-86
51	8:15	Beverly La Veck(WA)	7-22-87
52	8:46	Beverly La Veck(WA)	1- 8-89
53	10:57	Barbara Peters(VA)	10- 9-82
54	10:52	June Stand(CA)	4-18-87
55	9:50	Dorothy Michaels(VA)	10-24-82
56	9:12	Joyce Decker(IL)	9-16-90
57	9:40	Ruth Leff(WI)	6- 2-84
58	9:35i	Ruth Leff(WI)	2-25-86
59	9:35	Ruth Leff(WI)	6-25-86
60	9:37	Ruth Leff(WI)	8-23-87
61	9:11	Ruth Leff(WI)	1-28-89
62	9:37	Ruth Leff(WI)	2- 3-90
63	9:30	Ruth Leff(WI)	7-22-90
64	10:49i	Marie Henry(NJ)	2-28-88
	10:39n	Ernestine Yeomans(OH)	9-25-83
65	10:23	LaVonne Hottensmith(FL)	11-19-88
66	10:30	LaVonne Hottensmith(FL)	10-22-89
	9:56n	Ernestine Yeomans(OH)	2-23-86
67	10:55	Ruth Van Sandt(CA)	6-10-89
68	11:14	Rose Kash(CA)	6-23-90
69	12:01	Bonnie Kolsom(HI)	8- 6-86
70	11:43	Adaline Crocker(HI)	10-27-81
71	11:50	Adaline Crocker(HI)	10-16-83
	10:14p	Lucille Monroe(MO)	5-29-86
72	11:51	Adaline Crocker(HI)	10-23-83
73	12:01	Adaline Crocker(HI)	6- 9-85
74	11:45	Adaline Crocker(HI)	7- 2-86
75	12:24	Adaline Crocker(HI)	4-29-87
76	13:08	Marilla Salisbury(CA)	7-14-84
77	13:38p	Marilla Salisbury(CA)	8- 4-85
78	16:51	Esther Dutton(CA)	4- 1-89
79	12:57	Marilla Salisbury(CA)	7-11-87

TWO MILE WALK

40	19:58	Jane Smith(WI)	9-20-89
41	16:51	Jolene Steigerwalt(CA)	5-27-85
42	17:06	Jolene Steigerwalt(CA)	6-28-86
43	17:16	Lori Maynard(CA)	5-28-79
44	16:38	Lori Maynard(CA)	5-26-80
45	16:35	Jo Ann Nedelco(CA)	4-15-89
46	16:19	Jo Ann Nedelco(CA)	6-10-89
47	16:03	Jo Ann Nedelco(CA)	6- 9-90
48	17:32i	Dorothy Kelley(NY)	3-24-84
49	17:35	Lori Maynard(CA)	8- 3-85
50	17:38	Beverly La Veck(WA)	4-24-86
51	19:15	Helen Jo Hillman(DC)	10-23-88
52	21:06	Margaret Seewerker(CA)	9-19-87
53	20:19	Margaret Seewerker(CA)	9-17-88
54	19:33i	Anna Rush(FL)	3-27-83
55	20:54	Dorothy Michaels(VA)	10- 9-82
56	19:21	Joyce Decker(IL)	7-22-90
57	20:29i	Ruth Leff(WI)	3-17-85
58	20:00	Ruth Leff(WI)	6- 5-85
59	19:32	Ruth Leff(WI)	8-12-86
60	19:34	Ruth Leff(WI)	8-30-87
61	19:24	Ruth Leff(WI)	10-14-88
62	20:00	Ruth Leff(WI)	1-27-90
63	20:15	Ruth Leff(WI)	9-16-90
64	21:54i	Marie Henry(NJ)	3-19-88
	21:41in	Ernestine Yeomans(OH)	2-26-84
65	21:44	LaVonne Hottensmith(FL)	11-19-88
66	21:47	LaVonne Hottensmith(FL)	10-22-89
	20:46n	Ernestine Yeomans(OH)	2-23-86
67	21:53	Ruth Van Sandt(CA)	6-10-89
	20:13in	Ernestine Yeomans(OH)	2-22-87
68	23:45	Bonnie Kolsom(HI)	8-21-85
69	24:44	Bonnie Kolsom(HI)	7-23-86
	23:00n	Ernestine Yeomans(OH)	1-28-89
70	30:05p	Umeyo Taniguchi(HI)	8-28-83
71	24:31	Adaline Crocker(HI)	8-28-83
72	24:50	Adaline Crocker(HI)	5- 6-84
73	25:24	Marilla Salisbury(CA)	8- 8-81
74	24:24	Adaline Crocker(HI)	7-23-86
75	24:41	Adaline Crocker(HI)	4-22-87
76	26:57	Marilla Salisbury(CA)	7-14-84
77	27:27p	Marilla Salisbury(CA)	8- 4-85
78	34:44	Esther Dutton(CA)	4- 1-89
79	32:50	Elena Carola(CA)	9-19-87

5k WALK

40	25:40	Viisha Sedlak(CO)	8- 5-89
41	24:38	Viisha Sedlak(CO)	8- 2-90
42	26:20	Julie Ratner(NY)	8- 5-89
43	26:11	Lori Maynard(CA)	7-28-79
44	25:46	Lori Maynard(CA)	8-16-80
45	25:51	Lori Maynard(CA)	5-30-81
46	25:28	Jo Ann Nedelco(CA)	9-24-89
47	25:00	Jo Ann Nedelco(CA)	9-30-90
48	27:11	Beverly La Veck(WA)	7- 7-84
49	26:59	Beverly La Veck(WA)	10-19-85
50	27:37	Beverly La Veck(WA)	4-11-87
51	26:42	Beverly La Veck(WA)	7-31-87
52	28:37	Jill Latham(CA)	7-21-89
53	27:59	Beverly La Veck(WA)	8- 5-89
54	29:00	Ruth Eberle(MO)	8-24-85
55	29:09	Ruth Eberle(MO)	8- 3-86
56	28:25	Ruth Eberle(MO)	7-31-87
57	32:36	Ruth Leff(WI)	7- 1-84
58	29:59	Ruth Eberle(MO)	8- 5-89
59	31:13	Ruth Leff(WI)	9- 1-86
60	32:11	Ruth Leff(WI)	9- 7-87
61	30:43	Ruth Leff(WI)	6-27-88
62	31:42	Ruth Leff(WI)	8- 5-89
63	31:16	Collie Greene(CA)	8- 5-89
64	32:09	Joan Rowland(NY)	8- 2-90
65	33:49	Marie Henry(NJ)	12-26-88
66	33:08	LaVonne Hottensmith(FL)	7-21-89
67	32:46	Ruth Van Sandt(CA)	8- 5-89
68	36:28	Billie Parsons(CA)	4- 7-84
	34:56n	Ernestine Yeomans(OH)	9-27-87
69	38:44	Thelma Greig(HI)	12- 4-83
	35:36n	Ernestine Yeomans(OH)	12-10-88
70	37:48	Adaline Crocker(HI)	11-22-81
71	39:49	Adaline Crocker(HI)	11-14-82
	36:49n	Ernestine Yeomans(OH)	4- 8-90
72	35:07	Velma Jacobs(CO)	8- 5-88
73	39:29	Adaline Crocker(HI)	2-10-85
74	39:16	Marilla Salisbury(CA)	6-19-82
75	38:21	Margaret Crews(WI)	8- 2-90
76	41:07n	Marilla Salisbury(CA)	9-26-83
77	36:26	Helen Sutter(FL)	3-31-90
78	40:33	Marilla Salisbury(CA)	8-24-85
79	39:00	Anne Clarke(IL)	8- 5-89
80	38:23	Polly Clarke(CO)	8- 2-90
81	43:53	Marilla Salisbury(CA)	8- 5-89
82	57:46	Marilla Salisbury(CA)	8- 2-90



Walkers Jill Latham (1), 53, of Panorama City, Calif., and Joan Rowland, 63, of New York City, at the National Masters Championships, Indianapolis, August 2-5. Photo by Jerry Wojcik

10k WALK

40	50:47	Viisha Sedlak(CO)	7-30-89
41	49:15	Viisha Sedlak(CO)	6-16-90
42	53:22	Julie Ratner(NY)	7-30-89
43	53:11	Lori Maynard(CA)	7-31-79
44	52:00	Lori Maynard(CA)	6-29-80
45	52:58	Lori Maynard(CA)	7-19-81
46	52:53	Jo Ann Nedelco(CA)	4-28-90
47	50:40	Jo Ann Nedelco(CA)	9-30-90
48	56:17c	Beverly La Veck(WA)	7-15-84
49	55:49	Beverly La Veck(WA)	10-19-85
50	57:12c	Beverly La Veck(WA)	9-13-86
51	57:22	Beverly La Veck(WA)	11-29-87
	55:50n	Gloria Brown(NY)	8-13-83
52	58:28	Jill Latham(CA)	7-30-89
53	57:21	Beverly La Veck(WA)	7-30-89
54	61:50	Ruth Eberle(MO)	8-25-85
55	65:50	Joy Clingman(FL)	8- 5-90
56	60:24	Ruth Eberle(MO)	8-16-87
57	68:55	Anna Rush(FL)	8-25-85
58	59:31	Ruth Eberle(MO)	7-30-89
59	1:04:18	Ruth Leff(WI)	10-11-86
60	1:06:19	Ruth Leff(WI)	9-20-87
61	1:05:26	Ruth Leff(WI)	10- 9-88
62	1:05:25	Ruth Leff(WI)	10- 8-89
63	1:04:55	Joan Rowland(NY)	7-30-89
64	1:05:20	Joan Rowland(NY)	7- 7-90
65	1:09:30	Marie Henry(NJ)	7-30-89
66	1:07:51	LaVonne Hottensmith(FL)	7-30-89
67	1:08:59	Ruth Van Sandt(CA)	7-30-89
68	1:13:45c	Mayme Bdera(NY)	10- 9-83
69	1:15:58n	Ernestine Yeomans(OH)	4-17-88
70	1:22:34	Adaline Crocker(HI)	2-14-82
	1:17:38n	Ernestine Yeomans(OH)	5-28-89
71	1:15.43n	Ernestine Yeomans(OH)	4- 8-90
72	1:23:29	Adaline Crocker(HI)	2-19-84
73	1:25:10	Adaline Crocker(HI)	2-17-85
74	1:28:13	Adaline Crocker(HI)	8- 3-86
75	1:22:56	Adaline Crocker(HI)	8-16-87
77	1:23:34	Adaline Crocker(HI)	7-30-89
80	1:40:03	Marilla Salisbury(CA)	11-29-87
81	1:31:03	Marilla Salisbury(CA)	7-30-89
82	1:58.30	Marilla Salisbury(CA)	8- 5-90

ONE HOUR WALK

40	6-889	10.469 Paula Kash(CA)	12-17-89
41	6-796	10.384 Jolene Steigerwalt(CA)	10-20-84
42	6-1226	10.777 Lori Maynard(CA)	8-27-78
43	6-519	10.131 Jolene Steigerwalt(CA)	11-15-86
44	7-85	11.343 Lori Maynard(CA)	6-29-80
45	6-1519	11.045 Jo Ann Nedelco(CA)	12-18-88
46	7-14	11.278 Jo Ann Nedelco(CA)	12-17-89
47	5-1369 c	9.299 Marsha Hartz(MO)	11-16-86
48	6-456	10.073 Dorothy Kelley(NY)	10-14-84
49	5-1360	9.290 Lois Dicker(MD)	9-17-89
50	6-59	9.710 Lois Dicker(MD)	10-22-89
51	6-70 c	9.720 Helen Jo Hillman(DC)	10-23-88
52	6-445	10.063 Beverly La Veck(WA)	11- 5-88
53	6-442	10.060 Barbara Hilger(CO)	9-18-88
54	6-225 p	9.862 Barbara Hilger(CO)	9-17-89
55	5-792	8.771 Maurine Lia(MO)	10-30-88
56	5-672	8.661 Eliz. Pettersen(NC)	12-10-88
57	5-845	8.819 Eliz. Pettersen(NC)	12-16-89
58	5-1382	9.310 Ruth Leff(WI)	9-14-85
59	5-1396	9.323 Ruth Leff(WI)	10-11-86
60	5-1091	9.044 Ruth Leff(WI)	9-20-87
61	5-1231	9.172 Ruth Leff(WI)	10- 9-88
62	5-1251	9.191 Ruth Leff(WI)	10- 8-89
63	5-1142	9.091 Joan Rowland(NY)	10- 8-89
64	5-864	8.837 Marie Henry(NJ)	11- 8-87
65	5-829	8.805 Marie Henry(NJ)	5-28-89
66	5-699	8.686 LaVonne Hottensmith(FL)	10-22-89
67	5-36	8.080 Rose Kash(CA)	12-10-88
68	5-206	8.235 Rose Kash(CA)	12- 9-89
69	4-1572	7.875 Velma Jacobs(CO)	7- 6-85
70	4-1390	7.708 Adaline Crocker(HI)	7-17-82
71	5-465	8.472 Velma Jacobs(CO)	9-28-87
72	4-1326	7.650 Velma Jacobs(CO)	9-18-88
73	4-1218	7.551 Adaline Crocker(HI)	7-13-85
74	4-865	7.228 Marilla Salisbury(CA)	9- 5-81
75	4-509 p	6.903 Marilla Salisbury(CA)	8- 7-83
76	3-1673	6.358 Marilla Salisbury(CA)	7-14-84
77	4-61 p	6.493 Marilla Salisbury(CA)	8- 4-85

15k WALK

40	1:26:13	Jolene Steigerwalt(CA)	1- 8-84
41	1:27:03	Jolene Steigerwalt(CA)	3-30-85
42	1:29:00	Jolene Steigerwalt(CA)	5- 4-86
43	1:27:58	Lori Maynard(CA)	11-25-79
44	1:24:06	Jeanne Bocci(MI)	8-16-87
45	1:23:23	Jo Ann Nedelco(CA)	4-30-89
47	1:28:39	Beverly La Veck(WA)	4-15-84
49	1:27:34	Lori Maynard(CA)	3-30-85
50	1:28:50c	Beverly La Veck(WA)	12-13-86
51	1:26:42	Beverly La Veck(WA)	8-16-87
52	1:32:33	Jill Latham(CA)	4-30-89
53	1:30:25	Beverly La Veck(WA)	4-30-89
54	1:33:31	Ruth Eberle(MO)	8-25-85
55	1:48:32	Helen Oakley(CA)	4-20-86
56	1:30:42	Ruth Eberle(MO)	8-16-87
57	1:45:46	Anna Rush(FL)	8-25-85
58	1:46:46	Marie Henry(NJ)	1-10-82
59	1:45:17	Marie Henry(NJ)	10-31-82
60	1:41:09	Ruth Leff(WI)	9-20-87
61	1:39:22	Ruth Leff(WI)	10- 9-88
62	1:40:19	Ruth Leff(WI)	10- 8-89
63	1:41:39	Ruth Leff(WI)	10-21-90
64	1:49:13c	Marie Henry(NJ)	9-11-88
	1:47:21n	Ernestine Yeomans(OH)	5-15-83
65	1:50:31c	Marie Henry(NJ)	10-16-88
66	1:51:43n	Ernestine Yeomans(OH)	8-25-85
67	1:51:49	Rose Kash(CA)	3-19-89
68	1:52:18c	Mayme Bdera(NY)	10- 9-83
69	1:57:39n	Ernestine Yeomans(OH)	4-17-88
70	2:03:20	Adaline Crocker(HI)	4-11-82
71	2:06:41p	Thelma Greig(HI)	4- 6-86
72	2:04:45c	Adaline Crocker(HI)	6-17-84
73	2:08:09c	Adaline Crocker(HI)	6-16-85
	2:05:13p	Adaline Crocker(HI)	4- 7-85
74	2:05:14	Adaline Crocker(HI)	4- 6-86
75	2:05:24	Adaline Crocker(HI)	8-16-87

20k WALK

40	1:57:23	Jolene Steigerwalt(CA)	1- 8-84
41	1:55:13	Jeanne Bocci(MI)	8-17-84
42	1:52:22	Jeanne Bocci(MI)	8-25-85
43	1:59:01	Lori Maynard(CA)	11-25-79
44	1:53:05	Jeanne Bocci(MI)	8-16-87
45	1:55:07	Lori Maynard(CA)	5- 2-81
46	1:54:42	Lori Maynard(CA)	5- 9-82
47	1:58:25	Lori Maynard(CA)	8-21-83
48	1:56:30	Beverly La Veck(WA)	8-19-84
49	1:58:01	Lori Maynard(CA)	3-30-85
50	1:59:52c	Beverly La Veck(WA)	12-13-86
51	1:56:18	Beverly La Veck(WA)	8-16-87
52	2:06:03	Shiela Smith(CA)	3-20-88
53	2:06:20	Jill Latham(CA)	8- 5-90
54	2:04:12	Beverly La Veck(WA)	8- 5-90
55	2:25:21	Dorothy Michaels(VA)	8-14-82
56	2:01:39	Ruth Eberle(MO)	8-16-87
57	2:23:25	Anna Rush(FL)	8-25-85
58	2:21:06	Marie Henry(NJ)	8- 8-82
59	2:28:15	Marie Henry(NJ)	5- 7-83
60	2:22:22	Ruth Leff(WI)	10- 4-87
61	2:19:06	Ruth Leff(WI)	10-16-88
62	2:22:02	Ruth Leff(WI)	10-22-89
63	2:16:53	Ruth Leff(WI)	10-21-90
64	2:27:48	Marie Henry(NJ)	9-11-88
65	2:28:01c	Marie Henry(NJ)	10-16-88
66	2:31:57n	Ernestine Yeomans(OH)	8-25-85
67	2:30:27	Rose Kash(CA)	3-19-89
68	2:31:46c	Mayme Bdera(NY)	10- 9-83
69	2:40:57n	Ernestine Yeomans(OH)	4-17-88
72	2:52:14	Adaline Crocker(HI)	8-19-84
75	2:49:18	Adaline Crocker(HI)	8-16-87

25k WALK

40	3:00:10	Jane Smith(WI)	10-22-89
42	2:35:56	Anne Vanderhoff(WA)	3- -80
43	2:31:02	Lori Maynard(CA)	11-25-79
44	2:29:17	Jeanne Bocci(MI)	10-24-87
45	2:34:11	Beverly La Veck(WA)	3-28-82
46	2:52:45	Emily Hewitt(MA)	9- 9-90
47	2:41:08	Beverly La Veck(WA)	11- 5-83
49	3:06:10	Carlene Marion(NC)	4- 8-90
51	2:52:38	Lida Askew(TX)	3-12-78
52	2:49:08c	Jill Latham(CA)	3- 5-89
53	2:45:08	Jill Latham(CA)	4- 8-90
56	2:53:18	Joyce Decker(IL)	10-21-90
58	3:39:17c	Dee Dee Walker(GA)	3- 5-89
60	2:59:47	Ruth Leff(WI)	10-25-87
61	2:55:39	Ruth Leff(WI)	10-16-88
62	3:00:24	Ruth Leff(WI)	10-22-89
63	2:53:27	Ruth Leff(WI)	10-21-90
64	3:06:01	Marie Henry(NJ)	9-11-88
68	3:14:39c	Mayme Bdera(NY)	10- 9-83

50k WALK

41	7:11:22	Lori Maynard(CA)	12-11-77
42	5:29:03	Anne Vanderhoff(WA)	3- -80
43	7:06:13	Isabel Stuper(NJ)	4- 8-90
44	5:30:35c	Jeanne Bocci(MI)	2-21-88
45	5:26:30	Beverly La Veck(WA)	6- 7-81
46	7:09:34	Mary Goodwin(VA)	11- 5-83
47	5:27:20	Beverly La Veck(WA)	5-22-83
49	6:45:34	Carlene Marion(NC)	4- 8-90
50	6:24:00	Jill Latham(CA)	2-22-87
51	6:22:04	Lida Askew(TX)	11-20-77
52	5:52:21c	Jill Latham(CA)	3- 5-89
53	5:43:26	Jill Latham(CA)	4- 8-90
56	6:50:15c	Eliz. Pettersen(NC)	3- 5-89
58	7:45:51c	Dee Dee Walker(GA)	3- 5-89
64	7:27:49c	Marie Henry(NJ)	2-21-88

RECORDS SECTION

There are five categories of TAC Masters records (American citizen and championship meet records, indoor and outdoor, along with American all-comers records). These records are approved in the same manner as any world or U.S. track and field record, i.e., the record application must be accompanied by a properly filled out IAAF record form and approved by a TAC committee. TAC-approved marks therefore can sometimes be inferior tothe Age Records listed previously.

MEN'S MASTER OUTDOOR AMERICAN RECORDS

Running

100 yards	10.0	Dean Smith(SO. CAL. STRIDERS)	Fresno,CA	5-12-72
220 yards	22.3	Thane Baker(Dallas,TX)	Manhatton,KS	7-13-74
440 yards	51.4	James Lingel(BAY AREA STRIDERS)	San Francisco,CA	4- 1-72
880 yards	1:58.8h	Frank McBride(MOTOR CITY STRIDS)	Kalamazoo MI	5-29-71
one mile	4:12.24	Larry Almberg(Ellensburg,WA)	Philadelphia,PA	4-28-90
two miles	9:17.6	Ray Hatton(Bend,OR)	Eugene,OR	4- 1-72
three miles	14:29.2	Ray Hatton(Bend,OR)	Portland,OR	6-15-74
four miles	19:50.6	Hal Higdon(INDIANA STRIDERS)	Sas Diego,CA	7- 6-73
five miles	24:56.4	Hal Higdon(INDIANA STRIDERS)	San Diego,CA	7- 6-73
six miles	29:59.0	Ray Hatton(Bend,OR)	Eugene,OR	4-26-75
seven miles	36:38.0	Peter Mundle(SANTA MONICA AA)	Goleta,CA	7-26-69
eight miles	42:02	Hal Higdon(INDIANA STRIDERS)	Champaign,IL	4-29-73
nine miles	47:23	Peter Mundle(SANTA MONICA AA)	Goleta,CA	7-26-69
ten miles	52:44	Peter Mundle(SANTA MONICA AA)	Goleta,CA	7-26-69
fifteen miles	1:26:38	Truman Clark(TOBIAS STRIDERS)	Santa Monica,CA	9-12-76
twenty miles	1:56:51	Truman Clark(TOBIAS STRIDERS)	Santa Monica,CA	9-12-76
twenty-five miles	2:44:32	Johnnie Faerber(MID PACIFIC RRC)	Santa Monica,CA	9- 9-78
fifty miles	5:42:03	Peter Jeffres(CORTLAND,NY)	Hannibel,NY	7- 7-79
one hour run	11m740y	Ray Hatton(Bend,OR)	Salem,OR	8- 7-76
two hour run	20m997y	Truman Clark(TOBIAS STRIDERS)	Santa Monica,CA	9-12-76

Running - Metric Distances

100 meters	10.7	Thane Baker(Dallas,TX)	Cologne,WG	9-13-72
200 meters	22.20	Stan Whitley(Alta Loma,CA)	Orlando,FL	8- 6-88
400 meters	48.44	James King(San Diego,CA)	Eugene,OR	8- 5-89
800 meters	1:53.99	Nolan Smith(Pasadena,CA)	Glendale,CA	5-14-90
1500 meters	3:53.18	Larry Almberg(Ellensburg,WA)	Eugene,OR	8- 5-89
3000 meters	8:43.7	Web Loudat(New Mexico)	Cambridge,MA	6-13-87
5000 meters	14:59.6	Hal Higdon(INDIANA STRIDERS)	London	8-25-72
10,000 meters	30:50.37	Larry Almberg(Ellensburg,WA)	Eugene,OR	7-30-89
15,000 meters	48:00	Herb Lorenz(PENN AC)	Palo Alto,CA	1- 1-80
20,000 meters	70:50	Jerry Smartt(BEV HILLS STRIDS)	Santa Monica,CA	8-27-75
25,000 meters	1:29:47	Truman Clark(TOBIAS STRIDERS)	Santa Monica,CA	9-12-76
30,000 meters	1:48:39	Truman Clark(TOBIAS STRIDERS)	Santa Monica,CA	9-12-76
35,000 meters	2:22:22	Johnnie Faerber(MID PACIFIC RRC)	Santa Monica,CA	9- 9-78
40,000 meters	2:33:11	Peter Jeffers(Cortland,NY)	Hannibel,NY	7- 7-79
50,000 meters	3:14:55	Peter Jeffers(Cortland,NY)	Hannibel,NY	7- 7-79

Hurdle Events

110 meter hurdles (39")	14.24	Stan Druckrey(Milwaukee,WI)	Eugene,OR	7-30-89
400 meter hurdles (36")	52.7	Stan Druckrey(Milwaukee,WI)	Libertyville,IL	7- 8-89
3000 meter steeplechase	9:18.6	Hal Higdon(INDIANA STRIDERS)	Toronto	8-15-75

Race Walking

one mile	7:06.8	John Kelly(SO. CAL. STRIDERS)	San Diego,CA	7- 3-71
three miles	24:04.0	Johnny Markon(LONG ISLAND AC)	San Diego,CA	7- 4-69
5000 meters	22:26.9	Ron Kulik(NYAC)	Gresham,OR	7- 7-79
six miles	50:36.6	Johnny Markon(LONG ISLAND AC)	San Diego,CA	7- 5-69
10,000 meters	49:52.2	John Kelly(SO. CAL. STRIDERS)	Walnut,CA	4-19-72

Field Events

high jump	6'8	John Dobroth(SO. CAL. STRIDERS)	Los Angeles,CA	7- 8-81
high jump	6'8	John Hartfield(Houston,TX)	New York,NY	7-18-86
pole vault	16'6	Steve Hardison(CA)	Los Angeles,CA	7-15-90
long jump	23'2	Stan Whitley(Alta Loma,CA)	Eugene,OR	7-29-89
triple jump	51'6 1/4	Milan Tiff(Los Angeles,CA)	Eugene,OR	8- 3-89
shot put (16 pounds)	70'3	Brian Oldfield(CA)		8- -85
discus throw (2.0 Kg)	172'2	Bob Humphreys(CORONA DEL MAR TC)	Walnut,CA	4-25-76
hammer throw (16 pounds)	243'1	Ed Burke(San Gabriel,CA)	Berkeley,CA	6-12-83
javelin throw (800 grms)	242'9	Larry Stuart(SO. CAL. STRIDERS)	Los Angeles,CA	6- 9-79
weight throw (35 pounds)	71'7	Ed Burke(San Gabriel,CA)	Eugene,OR	9-25-82

Combined Events

decathlon (39" hurdles)	6394	Rex Harvey(Des Moines,IA)	Eugene,OR	7-29-89
		(11.85,6.26,12.09,1.73,54.08,15.60,39.71,4.30,50.94,5:28.06)		
pentathlon	3117	Gary Miller(CORONA DEL MAR TC)	San Juan,PR	9-30-83
		(6.01,48.96,23.47,35.10,4:45.2)		

Relays

440 (4X110)	44.4	CORONA DEL MAR TRACK CLUB	San Diego,CA	7- 1-72
		(Davisson-Jackson-Schlegal-Stolpe)		
880 (4X220)	1:32.9	CORONA DEL MAR TRACK CLUB	Irvine,CA	5-31-77
		(Dennis-Waterman-Segal-Knox)		
one mile (4X440)	3:29.5	SOUTHERN CALIFORNIA STRIDERS	Los Gatos,CA	8-16-81
		(Lee-Newton-Cohen-Knocke)		
two mile (4X880)	8:25.4	WEST VALLEY TRACK CLUB	Berkeley,CA	9- 6-80
		(Cathcart-Donaldson-Knebel-Richardson)		
sprint medley	3:42.0	CORONA DEL MAR TRACK CLUB	Pomona,CA	5-20-78
(440-220-220-880)		(Knox-Dennis-Segal-Miller)		
distance medley	11:03.8	SOUTHERN CALIFORNIA STRIDERS	Northridge,CA	5-15-82
(440-880-1320-one mile)		(Knocke-Lee-Elliot-Cohen)		
4 MILE (4 X one mile)	18:33.4	WEST VALLEY TRACK CLUB	Berkeley,CA	9-15-79
		(Wellck-Richardson-Knebel-Cathcart)		

Relays - Metric Distances

440 (4X110)	43.1	CORONA DEL MAR TRACK CLUB	Northridge,CA)	6- 7-80
		(Dennis-Smith-Segal-Miller)		
800 (4X200)	1:30.6	WEST VALLEY TRACK CLUB	Lima	7-28-86
		(Brooks-Knocke-Whitely-Duffy)		
1600 (4X400)	3:25.40	PHILADELPHIA MASTERS CLUB	Philadelphia,PA	4-30-84
		(Abayomi-Stanford-Burnett-Roberts)		
3200 (4X800)	p8:11.02	WEST VALLEY TRACK CLUB	New York,NY	7-19-86
		(Thomas-Franklin-Tracy-Mason)		
sprint medley	3:36.1	WEST VALLEY TRACK CLUB	Philadelphia,PA	8-14-82
(440-220-220-880)		(Knocke-Edens-Smith-Cohen)		
distance medley	10:53.8	PHILADELPHIA MASTERS	New York,NY	7-11-82
(440-880-1320-one mile)		(Huckel-Abayomi-Zwolak-Engelman)		

MEN'S MASTER OUTDOOR CHAMPIONSHIP MEET RECORDS

Running

100 yards	10.3h	Richard Stolpe(U.S. NAVY)	San Diego,CA	7- 2-70
100 yards	10.3h	George Rhoden(JAM,NO CAL SEN TC)	San Diego,CA	7- 2-70
220 yards	23.0	Richard Stolpe(U.S. NAVY)	San Diego,CA	7- 4-70
440 yards	52.3	Bill Fitzgerald(SENIORS TC - LA)	San Diego,CA	7- 5-69
880 yards	2:00.9	Bill Fitzgerald(SENIORS TC - LA)	San Diego,CA	7- 2-71
one mile	4:31.8	James Van Tatenhove(SEN TC - LA)	San Diego,CA	7- 3-71
two miles	9:38.8	Peter Mundle(SANTA MONICA AA)	San Diego,CA	7- 5-69
three miles	14:51.8	Peter Mundle(SANTA MONICA AA)	San Diego,CA	7- 4-69
six miles	31.28.4	Peter Mundle(SANTA MONICA AA)	San Diego,CA	7-19-68
fifty miles	6:13:17	Ed Almeida(SAN DIEGO TC)	Santa Monica,CA	9- 9-78

Running - Metric Distances

100 meters	11.05	Ken Dennis(CORONA DEL MAR TC)	Houston,TX	9-17-83
100 meters	11.05	Stan Whitley(Alta Loma,CA)	Olando,FL	8- 6-88
200 meters	22.2	Brenden Wilson(AUS)	Houston,TX	9-18-83
200 meters	22.20	Stan Whitley(Alta Loma,CA)	Olando,FL	8- 7-88
400 meters	48.61	James king(San Diego,CA)	San Diego,CA	7-21-89
800 meters	1:55.7	George Cohen(SO. CAL. STRIDERS)	Los Gatos,CA	8-15-81
1500 meters	3:56.30	Larry Almberg(Ellensburg,WA)	San Diego,CA	7-22-89
5000 meters	14:49.8	Albie Thomas(AUS)	White Plains,NY	8- 8-75
10,000 meters	30:46.6	Laurie Ohara(GB)	San Diego,CA	7- 6-73

Hurdle Events

110 meter hurdles (39")	14.76	Walt Butler(SO. CAL. STRIDERS)	Los Gatos,CA	8-15-81
400 meter hurdles (36")	53.56	James king(San Diego,CA)	San Diego,CA	7-21-89
3000 meter steeplechase	9:29.8	Jim McDonald(NZ)	White Plains,NY	8- 9-75

Race Walking

one mile	7:06.8	John Kelly(SO. CAL. STRIDERS)	San Diego,CA	7- 3-71
three miles	24:24.0	Johnny Markon(LONG ISLAND AC)	San Diego,CA	7- 4-69
six miles	50:36.6	Johnny Markon(LONG ISLAND AC)	San Diego,CA	7- 5-69
5000 meters	22:26.9	Ron Kulik(NYAC)	Gresham,OR	7- 7-79

Field Events

high jump	6'8	John Hartfield(Houston,TX)	New York,NY	7-18-86
pole vault	14'9 1/4	Stuart Jones(Vashon,WA)	San Diego,CA	7-21-89
long jump	22'6	Michael James(GBR)	San Diego,CA	7-22-89
triple jump	51'1 3/4	Milan Tiff(Los Angeles,CA)	San Diego,CA	7-20-89
shot put (16 pounds)	53'3 1/4	Ed McComas(BALT. OLYMPIC CLUB)	White Plains,NY	8- 9-75
shot put (16 pounds)	p55'0 1/2	Ed Hill(AL)	New York,NY	7-18-86
discus throw (2.0 Kg)	179'1	Jay Silvester(UT)	Houston,TX	9-17-83
javelin throw (800 grms)	229'3	Bud Held(SAN DIEGO TC)	San Diego,CA	7- 3-70
hammer throw (16 pounds)	222'1	Howard Payne(GB)	San Diego,CA	7- 2-71

Combined Events

decathlon (39" HURDLES)	6784	Wolfgang Linkmann(WG)	San Antonio,TX	6- 6-81
		(11.51,6.41,14.37,1.80,55.2,15.12,44.22,3.90,53.86,5:19.2)		
pentathlon	2933	Gary Miller(CORONA DEL MAR TC)	Los Gatos,CA	8-16-81
		(6.10,46.45,23.0,31.40,4:47.5)		

Gold medal M60 relay team (3:58.43) in the 4x400 at the World Games in Eugene. Left to right: Bernie Stevens, Chuck Sohor, Jim Law, Jack Greenwood. Photo by Rosemary Sochor

Relays

440 (4X110)	44.4	CORONA DEL MAR TRACK CLUB (Davisson-Jackson-Schlegal-Stolpe)	San Diego,CA	7- 1-72
one mile (4X440)	3:29.08	WEST VALLEY TRACK CLUB (Brooks-Romaine-Cain-Mason)	Eugene,OR	8-17-84
two mile (4X880)	8:10.4	WEST VALLEY TRACK CLUB (Romaine-Thomas-Mason-Franklin)	Eugene,OR	8-18-84

Relays - Metric Distances

400 (4X100)	43.9	NEW YORK PIONEER CLUB (Bertrand-Weaver-Budd-Riddick)	Atlanta,GA	7- 8-78
800 (4X200)	1:33.5	NEW YORK PIONEER CLUB (Bertrand-O'Neal-Budd-Riddick)	Atlanta,GA	7- 8-78
1600 (4X400)	3:30.6	CORONA DEL MAR TRACK CLUB (Jackson-Tetrault-Palmer-Stolpe)	San Diego,CA	7- 2-72
3200 (4X800)	p8:11.02	WEST VALLEY TRACK CLUB (Thomas-Franklin-Tracy-Mason)	New York,NY	7-19-86

Men's American Indoor Masters Records

Running

50 yards	5.6	Lloyd Riddick(NYPC)	Hightstown,NJ	2-19-78
50 yards	5.6	Arnold Budd(NYPC)	Hightstown,NJ	2-19-78
60 yards	6.4	Hugo Hartenstein(COLORADO T. C.)	Boulder,CO	12- 5-76
60 yards	6.4	Dean Smith(SO. CAL. STRIDERS)	Los Angeles,CA	1-22-72
300 yards	32.47	Stan Whitley(Pomona,CA)	Baton Rouge,LA	2-27-86
440 yards	53.9	Thane Baker(Dallas,TX)	Dallas,TX	3-27-76
500 yards	63.8	James Goss(BEVERLY HILLS STRIDS)	Anaheim,CA	1-27-75
600 yards	1:15.7	Glen Shane(NYPC)	Syracuse,NY	3-29-80
880 yards	2:01.5	Jim Van Tattenhove(STC)	San Diego,CA	2-19-72
1000 yards	2:19.2	Ernest Billups(UCTC)	Ann Arbor,MI	3-18-79
one mile	4:16.39	Byron Dyce(Gainesville,FL)	E. Rutherford,NJ	2-10-89
two miles	9:22.2	Peter Hallop(Ann Arbor,MI)	Ypsilante,MI	1-15-88

Running - Metric Distances

50 meters	6.2	James Lingel(BAY AREA STRIDERS)	Oakland,CA	2-10-73
60 meters	6.97	Eddie Hart(Oakland,CA)	Madison,WI	3-24-90
200 meters	23.11	Stan Druckrey(Milwaukee,WI)	Madison,WI	3-25-90
400 meters	50.64	James King(San Diego,CA)	E. Rutherford,NJ	2- 9-90
800 meters	1:57.81	Ken Sparks(Chagrin Falls,OH)	Madison,WI	3-25-90
1500 meters	4:02.5	Ernest Billups(UCTC)	Long Beach,CA	1- 5-80
3000 meters	8:44.0	Peter Hallop(Ann Arbor,MI)	Ypsilante,MI	1-15-88
5000 meters	15:55.0	Lew Faxon(TIDEWATER STRIDERS)	Lexington,VA	3- 7-81

Race Walking

one mile	7:18.2	Sal Corallo(PVT VALLEY TC)	Philadelphia,PA	2-29-76
two miles	13:31	Larry Walker(CA)	Los Angeles,CA	1- 6-85

Field Events

high jump	6'7	John Hartfield(Houston,TX)	Baton Rouge,LA	2-23-86
pole vault	14'8	Rex Harvey(Des Moines,IA)	Eugene,OR	8-15-87
long jump	23'1	Stan Whitley(Pomona,CA)	Baton Rouge,LA	2-22-86
triple jump	45'4 3/4	John Hartfield(Houston,TX)	Sterling,IL	3-30-85
shot put (16 pounds)	65'10 1/4	Brian Oldfield(CA)	Johnson City,TN	1-17-86
weight throw (35 pounds)	64'10 3/4	Al Hall(NYAC)	New Haven,CT	3-13-77

Hurdle Events

50 yard hurdles (39")	6.9	Phil Mulkey(ATLANTA TC)	New Haven,CT	3-13-77
60 yard hurdles (39")	7.64	Lamar Miller(Ann Arbor,MI)	Baton Rouge,LA	2-23-86
60 meter hurdles (39")	8.15	Stan Druckrey(Milwaukee,WI)	Columbus,OH	4- 1-89

Relays

one mile (4X440)	3:34.4	NEW YORK PIONEER CLUB (O'Neal-Valentine-Shane-Small)	West Point,NY	3-15-80
two mile (4X880)	8:30.0	NEW YORK PIONEER CLUB (Connelly-Krebs-Genovese-Zipper)	New Haven,CT	3-13-77
640 (4X160)	1:12.7	CORONA DEL MAR TRACK CLUB (Schlegal-Jackson-Cheek-Knox)	Anaheim,CA	1-27-75
1600 (4X400)	3:33.3	NEW YORK PIONEER CLUB (Gaton-Small-Shane-O'Neal)	Syracuse,NY	3-29-80
3200 (4X800)	9:00.8	NEW YORK MASTERS CLUB (Fine-Bohigian-Krebs-Zipper)	Syracuse,NY	3-29-80
3200 (4X800)	p8:24.03	WEST VALLEY TRACK CLUB ( )	Madison,WI	3-28-87
distance medley (440-880-1320-one mile)	11:01.4	ANN ARBOR TRACK MASTERS (Hiedholm-Bernard-Lampman-Sleeman)	Ann Arbor,MI	1-22-83