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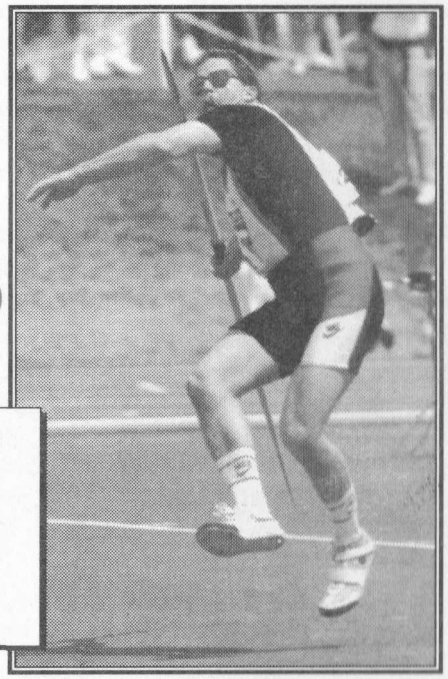

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MASTERS AGE RECORDS 1993

(1994 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
Rex Harvey - Multievent records
Age records for race walking - age 35 and above
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Alan Wood - World and U.S. men's records
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Peter Mundle: 4017 Via Marina, #C301, Venice, CA 90291
Shirley Dietderich: 5 Arcadia Ave., Berkeley, CA 94708
Rex Harvey: 160 Chatam Way, Mayfield Heights., OH 44124
Alan Wood: 140 Highway 23, #254, Pomptom Plains, NJ 07444
Beverly LaVeck: 6633 NE Windermere Road, Seattle, WA 98115

Masters Age Records 1993 has the blessing of the USA Track & Field (USATF) 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. bests for standard track and field events, age 35 and above, as of **October 31, 1993**. If an American best is not a world best, It is listed below the world best.

Please be aware that these are single-age "bests" and not official WAVA or USATF records. Due to time constraints these marks do not receive the same scrutiny as the official five year age group records that are published by the National Masters News. Thus these "bests" may differ from the official five year records.

Changes: The womens race walk section now includes non-US marks. This includes marks known to date. A more complete list will be published in later editions.

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, date of meet, wind velocity, etc.

On the cover: 41-year-old Eamonn Coghlan makes masters history by becoming the first to break the four-minute mile on Boston's fast Harvard indoor track. This is his 41st sub-four indoor mile (76 total) since his first one at age 21. And he still has the fastest-ever indoor mile (3:49.78), accomplished 11 years ago.

AP Photo by Kevin Wisniewski

MEN'S TRACK & FIELD

100 YARDS

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
	w12 2	Tim Murphy(TX)	6-15-91
70	12 2	Tim Murphy(TX)	6-20-92
	w11 9	Tim Murphy(TX)	6-13-92
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 4	John Alexander(TX)	6-13-92
	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)	4-28-90
	w10 69	William Collins(TX)	6- 6-92
42	10 8	Manuel Ulacio(VEN)	9- 3-82
	10 89	Eddie Hart(CA)	6- 8-91
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 03	Stan Whitley(CA)	6-22-91
	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

Russell Randall, 86, Denver, Colo , oldest competitor in the USATF National Masters Indoor Championships, Bozeman, Mont., March 19-21 NMN/Jerry Wojcik

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
	w12.2	Cliff McPherson(GUY)	5-25-91
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	12 78	James Law(NC)	10-15 93
68	13 0	Payton Jordan(CA)	4-27-85
	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	12 91	Payton Jordan(CA)	6-22-91
75	13 4	Payton Jordan(CA)	4-25-92
76	14 06h	Fritz Assmy(FRG)	7-21-91
	14 10	William Weinacht(OH)	10-15-93
	w13 99	William Weinacht(OH)	10-15-93
	w14 0	Anthony Castro(CA)	8- 2-86
77	14 30h	Guiseppe Marabotti(ITA)	10-15-93
	15 0	Anthony Castro(CA)	6-20-87
	w14 23	Guiseppe Marabotti(ITA)	10-15-93
	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
	14 9	Bernard Kaiser(NZL)	3-16-91
	w14 47	Anthony Castro(CA)	11-29-87
	w14 70	Anthony Castro(CA)	8-15-87
79	15 01	Bernard Kaiser(NZL)	3-30-91
	15 7	Barry Ivers(ME)	6-24-90
	15 7	Josiah Packard(CA)	10- 1-83
80	15 3	Barry Ivers(ME)	9-14-91
	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
	p15 57	Giichi Suda(JPN)	10-15-93
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
	p16 22	Kozo Haraguchi(JPN)	10-15-93
	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
	17 98	Russell Randall(CO)	8-14-92
86	17.28	Harry Gathercole(AUS)	10-15-93
	18 24	Russell Randall(CO)	8-12-93
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 2	Herbert Anderson(CO)	7-13-91
	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
	20 32	Herbert Anderson(CO)	7-28-91
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	22.28	Buell Crane(ID)	7-21-91
92	20 67	Jing-chan Wang(TAI)	12- 5-87
	32 95	Paul Spangler(CA)	6-22-91
93	23 15	Jing-chan Wang(TAI)	7-30-89
	24 7	Herb Kirk(MT)	8-11-89
94	26 5	Herb Kirk(MT)	8-24-90
95	39.00	Prithvi Singh Azad(IND)	12- 5-87
	p54 7	Mr Tou(US)	7-24-82
96	28.9	Herb Kirk(MT)	7-31-92
98	21 5	Joginder Singh(((IN)	11-11-90
99	20.82	Joginder Singh(((IN)	7-21-91

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
	21.64	Larry Myricks(US)	4- 4-92
	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
	22.2	William Collins(TX)	6-22-91
	w21.38	William Collins(TX)	7- 6-91
	w21 74	Eddie Hart(CA)	8- 3-89
41	21 86	William Collins(TX)	8-15-92
	21 9	Eddie Hart(CA)	4-28-90
42	21.8	Manuel Ulacio(VEN)	9- 4-82
	22 19	William Collins(TX)	8-13-93
	22 20	Stan Whitley(CA)	8- 7-88
	22.3y	Thane Baker(TX)	7-13-74
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
	22.61	Stan Druckrey(WI)	8-13-93
46	22.30	Stan Whitley(CA)	6-20-92
47	22.59	Stan Whitley(CA)	8-13-93
	22.6	Reginald Austin(AUS)	4-21-84
48	23.1	Martyn Adamson(CA)	7-18-87
	23 1	Thaddeus Bell(SC)	10- 8-92
	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
	23 55	Reginald Austin(AUS)	7-26-91
55	23 6	Alfred Guidet(CA)	6-24-73
	w23 03	Ron Taylor(GBR)	8- 3-89
56	23 37	Ron Taylor(GBR)	7- 5-90
	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 23	Ralph Romain(TRI)	8-24-90
	24 77	Jim Mathis(TN)	7-23-93
59	24 22	Ron Taylor(GBR)	7-17-93
	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 43	Charles Williams(GBR)	10-11-93
	26.10	Marion Sanchez(CA)	6-12-93
	w26.1	Harry Brown(IL)	7-11-92
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
	26 10	James Law(NC)	5- 4-91
	w25 87	Jack Greenwood(CO)	7- 6-91
	w25 90	James Law(NC)	7- 6-91
66	26 29	Payton Jordan(CA)	5-21-83
	w26 10h	Payton Jordan(CA)	9-25-83
67	25 21	James Law(NC)	8-13-93
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
	28.5	Payton Jordan(CA)	2- 9-91
	w28.1	Frederick Reid(RSA)	10-16-82
74	27.71	Payton Jordan(CA)	6- 8-91
75	28.14	Payton Jordan(CA)	6-20-92
76	29.07h	Fritz Assmy(FRG)	7-23-91
	29.65	William Weinacht(OH)	8-13-93
77	31.5	Anthony Castro(CA)	6-20-87
	w30.1	Anthony Castro(CA)	8- 3-86
78	30 7	Bernard Kaiser(NZL)	3-10-91
	31.1	Anthony Castro(CA)	3- 5-88
	w30.0	Anthony Castro(CA)	10- 3-87
79	31.55	Bernard Kaiser(NZL)	3-31-91
	32.0	Barry Ivers(ME)	6-24-90
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
	33.87i	Barry Ivers(ME)	4- 5-92
	w33.4	Harold Chapson(HI)	10-16-83
82	33.83	Aleksander Ernersaks(CAN)	10-11-93
	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	35.86	Ahiti Pajunen(FIN)	10-11-93
	36.28	A. E. Pitcher(IN)	5-25-85
84	37.5	A. E. Pitcher(IN)	5-29-86
85	37.3	Harry Gathercole(AUS)	1-10-93
	38.00	Russell Randall(CO)	8-15-92
86	35.99	Harry Gathercole(AUS)	10-11-93
	39.79i	Russell Randall(CO)	3-21-93
87	41 1	Duncan McClean(GBR)	8-24-72
	42 43	A. E. Pitcher(IN)	8- 3-89
88	44 66	Konrad Boas(NY)	7-26-91
89	43.27	Narayana Murthy(IND)	11-11-90
	45 12	Herbert Anderson(CO)	7-28-91
90	44 77	Narayana Murthy(IND)	7-26-91
	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	67.86	Paul Spangler(CA)	7-26-91
	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
94	93.39	Paul Spangler(CA)	6-12-93
95	62.28	Herb Kirk(MT)	7-26-91
99	48 42	Joginder Singh(((IN)	7-26-91

400 METERS

35	46.38	James King(CA)	5-25-84
36	47.6	Eugene Driver(CA)	7- 2-86
37	47 97	Clifton McKenzie(CA)	6-20-92
	p47.64	Ray Cardinal(CAN)	8- -84
38	48.87	Clifton McKenzie(CA)	8-11-93
	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
	48.88	James King(CA)	5-24-91
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 24	Stan Whitley(CA)	7-12-92
47	50 39	Stan Whitley(CA)	8-11-93
48	50 95	Guido Mueller(GFR)	12- 5-87
	51.83	Matt Pruitt(CA)	8-11-93
49	51 44	Guido Mueller(FRG)	6-25-88
	52 0	Jack Greenwood(KS)	8- 8-75
50	51 60	Guido Mueller(FRG)	6- 3 89
	52 7	Don Parker(CA)	6-27-93
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	52 8	Ralph Romain(TRI)	8 31 86
	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
	54.5	Larry Colbert(MD)	9-15-93
57	52.8	Ralph Romain(TRI)	6-24-90
	55.7	Jack Greenwood(KS)	9-17-83
58	52.6	Ralph Romain(TRI)	7-22-90
	54.60	Jim Mathis(TN)	8-11-93
59	53 41	Ralph Romain(TRI)	7-27-91
	55 2	Rudolph Valentine(NY)	5- 7-83
60	53 9	Ralph Romain(TRI)	5-30-93
	57.65	Jack Greenwood(KS)	7-20-86
61	54.2	Ralph Romain(TRI)	9-15-93
	58.33	Rudolph Valentine(NY)	6-29-85
	58 4	John Alexander(TX)	6-27-81
62	56 99	Berthold Neumann(FRG)	10-16-93
	58.6	Chuck Sochor(MI)	7-22-90
63	57.64	Jack Greenwood(CO)	8- 5-89
64	57.36	Willi Selzer(FRG)	7-27-91
	59.03	James Law(NC)	8- 3-90
65	58.79	James Law(NC)	7- 5-91
66	59.08	Willi Selzer(FRG)	10-16-93
	60.59	Chuck Sochor(MI)	10-16-93
67	59.41	James Law(NC)	10-16-93
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
	65 8	James Lytjen(CA)	7-25-92
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)	7- 1-90
	68 5	Josiah Packard(CA)	6-23-79
76	69 96	Fritz Assmy(FRG)	7-27-91
	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	76.32	Aleksander Ernersaks(CAN)	8-14-93
	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
	p94 2	Narayana Murthy(IND)	- -85
85	91.54	Longino Perez(MEX)	12- 5-87
	1:43 74	Herbert Anderson(CO)	12- 5-87
86	93 59	Russell Randall(CO)	8-11-93
	p93 46	Masanosuke Aoki(JPN)	10-16-93
87	1 42 2	Josef Galia(GFR)	9- 4-85
	1 47 37	Willard Benton(CA)	7-27-91
88	1 56 94	Konrad Boas(NY)	7-27-91
	p1 44.87	Toshio Kojima(JPN)	10-16-93
89	97.75	Longino Perez(MEX)	7-27-91
90	1:59 76	Narayana Murthy(IND)	7-27-91
	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
	2 24 12	Paul Spangler(CA)	7-27-91
93	2 30.02	Jing-chan Wang(TAI)	8- 5-89
	2:41 9	Herb Kirk(MT)	8-11-89
94	2 53 26	Paul Spangler(CA)	10-16-93
96	2 49 4	Herb Kirk(MT)	7-31-92

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
	p1:55 7	Peter Mogg(CA)	2- 6-93
	p1:56.04	Ben Brown(CA)	8-15-92
39	1:55.1	Barry Adams(CAN)	8- 6-81
	1:56.78	Duane Green(VA)	6-16-90
40	1 52 5	Ken Popejoy(IL)	5-31-91
41	1 51.25	Peter Browne(GBR)	6-11-90
	1:55 7	George Cohen(CA)	8-15-81
42	1:55 5i	Ken Popejoy(IL)	1-30-93
	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 56.16	Ronaldo Mercelina(HOL)	7- 7-91
	1 57 73	George Cohen(CA)	8-23-85
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
	1 59.42	Don Parker(CA)	8-15-92
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 02 86	J. Nelson Da Silva(BRA)	7-23-91
	2:03.65	Ken Baker(NJ)	8- 1-89
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
	2:08.9i	Ken Baker(NJ)	3-22-92
	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 13.98	Jim Sutton(PA)	7-23-91
61	2 15.21	Unto Mattsson(FIN)	7-23-91
	2:15.46	Ralph Miller(WA)	8-13-93
62	2:12.62	Derek Turnbull(NZL)	7-23-89
	2:18 11	Sid Wing(CA)	10-11-93
63	2:17.02i	Earl Fee(CAN)	4- 5-92
	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	2:17.8	Derek Turnbull(NZL)	3- 1-92
	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
	2:26.66	Bob McGowan(CA)	9- 1-91
68	2:29.54	Gert Ekkman(SWE)	10-11-93
	2:30.1	William Andberg(MN)	7-28-79
69	2:37.5	Jay Sponseller(FL)	11- 7-87
70	2:27.57	James Lytjen(CA)	7-23-91
71	2:31 1	James Lytjen(CA)	7-25-92
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	3:13	Harold Chapson(HI)	7-11-86
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
	4:04.66	Willard Benton(CA)	7-23-91
88	4:25.5	Paul Spangler(CA)	5-23-87
89	3:51 50	Longino Perez(MEX)	7-23-91
90	4:39 59	Paul Spangler(CA)	6-10-89
91	4:58 15	Paul Spangler(CA)	8- 4-90
92	5:16 0	Paul Spangler(CA)	6-23-91
94	6 19 65	Paul Spangler(CA)	10-11-93
95	6 02.94	Herb Kirk(MT)	7-23-91

1500 METERS

35	3 34 79	John Walker(NZL)	7-22-87
	3 40.83h	Steve Scott(CA)	6-14-91
36	3:33.91	Mike Boit(KEN)	8-21-85
	3 39.52	Steve Scott(CA)	5-22-92
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	Ransey 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 45 3i	Eamonn Coghlin(IRL)	2-26-93
	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 04.47	Ronaldo Mercelina(HOL)	10-16-93
	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 32 09	Jim Sutton(PA)	7-27-91
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 38.84	Siem Herlaar(HOL)	6-12-93
	4 46.96	Joe King(CA)	8- 5-89
64	4 42 86	Siem Herlaar(HOL)	10-16-93
	5 01 3	William Andberg(MN)	8-16-75
65	4:39 9	Derek Turnbull(NZL)	3-14-92
	4 56 81	Joe King(CA)	7- 7-91
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 14 97	James Lytjen(CA)	7-27-91
71	5 22 84	James Lytjen(CA)	8-16-92
	5 22 86	Gudmund Straume(NOR)	6-30-90
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 28 5	Scotty Carter(MA)	6-28-92
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	6 25 45	Edward Benham(MD)	7-27-91
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
	8:26 82	Willard Benton(CA)	7-27-91
88	8 37 53	Paul Spangler(CA)	12 5-87
89	7 59 18	Longino Perez(MEX)	7-27-91
90	9:25 2	Paul Spangler(CA)	6 10-89
91	10:04 68	Paul Spangler(CA)	8 5-90
92	10 10 71	Paul Spangler(CA)	7 27 91
93	13 04 4	Herb Kirk(MT)	8 11-89
94	13 01 2	Herb Kirk(MT)	8 24-90
95	13 53 2	Herb Kirk(MT)	10 6-90
96	14 38 0	Herb Kirk(MT)	7 31 92

ONE MILE

35	3:54 13	Steve Scott(CA)	7- 1-91
36	3 52.48	John Walker(NZL)	7- 2-88
	3:59.88i	Steve Scott(CA)	2-20-93
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	4:01.39i	Eamonn Coghlin(IRL)	2-26-93
	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 14 59i	Ken Popejoy(IL)	2- 5-93
43	4 06 70	Larry Almberg(WA)	7-29-90
44	4 20 26i	Larry Almberg(WA)	2- 9-92
45	4 16.75	David Sirl(NZL)	12- 6-87
	4 17.14	Ken Sparks(OH)	7-29-90
46	4 21 90	Albin Swenson(CT)	2-26-93
47	4 21.88	Antonio Villanueva(MEX)	12- 6-87
	4:23.81i	Ken Sparks(OH)	2- 9-92
48	4:25 77	David Sirl(NZL)	11-10-90
	4:32 8	Bill Fitzgerald(CA)	6- 2-73
49	4 27.5	David Sirl(NZL)	11-16-91
	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	4:35.2	Alan Bradford(AUS)	11-16-91
	4:39 0	Ray Hatton(OR)	7-27-84
53	4:30 06	Tom Roberts(AUS)	12- 6-87
	4 41 31i	Dan Conway(WI)	2-15-92
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	4 54.07	Joop Ruter(HOL)	8- 1-93
	4:58.2	Jim Sutton(PA)	8-17-91
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	4 55 10	Siem Herlaar(HOL)	8 1-93
	5 26 93	Archie Messenger(NY)	3-19-88
65	4 56 4	Derek Turnbull(NZL)	2-29-92
	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	5 57 2	Scotty Carter(MA)	7 12 92
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
94	14 08 3	Herb Kirk(MT)	8 24-90
95	14 48 2	Herb Kirk(MT)	10 6-90

3000 METERS

35	7 47 61	Thomas Wessinghage(FRG)	8 16 87
	7 56 59	Steve Scott(CA)	5 25 91
	p7 43 44	Hammou Boutayeb(MOR)	7 15 91

36	7:49.86	Wilson Waigwa(KEN)	8- 7-85
	8:02.48i	Steve Scott(CA)	2- 5-93
	p7:27.92	Steve Plasencia(US)	- -92
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
	p8:15.6	John Van Der Wansem(HOL)	- -90
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
	p8:15.0	Rien Van Der Wilt(HOL)	6- 6-91
42	8:24.8	Laurie O'Hara(GBR)	6-21-74
	8:44.0i	Ken Popejoy(IL)	1-16-93
43	8:17 4	Jack Foster(NZL)	1-31-76
	8:49 4	Duncan McDonald(HI)	6-12-92
44	8:20.8	Lucien Rault(FRA)	6- 4-80
	8:50.0	Hal Higdon(IN)	7-13-75
	8:50.0i	Bill Stewart(MI)	12-22-87
45	8:36.0	Laurie O'Hara(GBR)	7- 8-77
	8:47.4i	Bill Stewart(MI)	2-27-88
46	8:48.34	Francois Blommaerts(BEL)	7- 2-93
	9:11 72	Salih Talib(NY)	6- 2-91
	p8:32.2	Udo Immig(FRG)	- -83
47	8:46.8	Manuel Alonso(SPA)	7- 9-77
	9:01.2i	Bill Stewart(MI)	6-28-90
48	8:56.8i	Bill Stewart(MI)	1-19-91
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
	8:53.8	Josef Kurz(FRG)	5-16-89
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
	9:14.84i	Dan Conway(WI)	3-24-91
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	9:47.4	Jim McDonald(NZL)	1-23-93
	10:01.69i	Jim Sutton(PA)	3-25-90
59	9:55.07	Maurice Tarrant(CAN)	7-20-89
	10:27.8	Pat Devine(CA)	5-28-88
60	9:43.2	John Gilmour(AUS)	11-10-79
	10:13.8	Don Gammie(OH)	8-10-91
61	9:36.6	Siem Herlaar(HOL)	8-31-90
	10:31 4i	Jim Sutton(PA)	1- 3-93
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
	10:42.2i	Bill Fortune(NY)	12-15-91
64	10:47.0	William Andberg(MN)	8-13-75
65	9:47.4	Derek Turnbull(NZL)	2- 8-92
	10:51.0	Norman Bright(WA)	6-17-75
66	10:20.8	John Gilmour(AUS)	2- -86
	10:59.8i	Jim Forshee(MI)	2-14-93
67	10:14.4	John Gilmour(AUS)	3-12-87
	11:20.0	Joe King(CA)	9-12-93
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	11:17.99i	James Todd(GBR)	3-13-93
	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	12:04.0	Scotty Carter(MA)	6-28-92
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	9:22.8i	Ken Popejoy(IL)	12-12-92
	p9:17.6	Charles McMullen(NY)	6-24-93
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
	9:32.6i	Bill Stewart(MI)	2-10-87
45	9:20.0i	Bill Stewart(MI)	2-27-88
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
	p10:03.0	Alan Bradford(AUS)	- -91
52	10:14 2	Alan Bradford(AUS)	12-15-91
	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	10:59.0	Jim McDonald(NZL)	12-15-92
	11:32	Ray Gordon(DC)	6-25-76
	p11:21.8	John Hepner(OR)	- -90
59	11:14.0	Clive Davies(OR)	7-13-75
60	11:04.8i	Jim Sutton(PA)	2- 2-92
61	11:08.2	Bill McChesney(OR)	6-16-89
62	11:09	Don Longenecker(NM)	6-25-78
63	11:27.8i	Bill Fortune(NY)	1- 4-92
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

TIMES WHICH ARE BETTER THEN THE 5K TIMES

35	13:44 2	Peter McArdle(NY)	6-11-64
36	p13:54.2i	Frank Pflaging(MD)	- -69
37	14:38 4	Peter Mundle(CA)	3-19-66
42	14 29 2	Ray Hatton(OR)	6-15-74
43	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	15:17.0	Ken Winn(GA)	6-11-83
46	15:07	Peter Mundle(CA)	7- 7-74
50	15:37.8	James O'Neil(CA)	1-10-76
51	15:39	Peter Mundle(CA)	5-31-79
54	15:54.2	Jim McDonald(NZL)	2-12-89
56	16:25	Alex Ratelle(MN)	8-22-81
59	16:51.2	Clive Davies(OR)	7-13-75
62	16:59.2	Don Longenecker(NM)	6-25-78
65	17:59 2	Norman Bright(WA)	7-22-75
67	18:44	Norman Bright(WA)	5- 6-77
68	19:00	William Andberg(MN)	6-16-79
69	19:31	Otto Essig(MA)	5-18-75
71	19:09.0	Stan Nicholls(AUS)	7- 4-82
72	20:14.4	Harold Chapson(HI)	4-27-75
74	20:38.2	Harold Chapson(HI)	1-30-77

5000 METERS

35	13:17.3	Carlos Lopes(POR)	7-14-82
	14:17.2	Peter McArdle(NY)	5-31-64
	p13:10.44	Hammou Boutayeb(MOR)	- -91
	p13:22.80	Steve Plasencia(US)	7- 6-91
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
	p13:35.83	Steve Plasencia(US)	6- 6-92
37	13:16 36	Carlos Lopes(POR)	6-28-84
	15:06.8	Ramsey Thomas(MD)	11-23-80
	p13:26.03	Steve Plasencia(US)	6- 5-93
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
	14:59.98	Harold Nolan(NJ)	8- 1-89
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
	15:07 4	Larry Almberg(WA)	7- 4-91
45	14:56.4	Alain Mimoun(FRA)	5-29-66
	15:22.15	Michael Hefferman(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
	15:41.67	Michael Heffernan(OR)	7-25-91
51	14:55.60	Antonio Villanueva(MEX)	7-25-91
	15:42 4	Ray Hatton(OR)	7-30-83
52	15:37.11	Josef Kurz(FRG)	7-25-91
	15:47.0	Ray Hatton(OR)	7-14-84
53	15:34.00	Stephen James(GBR)	7-25-91
	15:57.4	Ray Hatton(OR)	7-27-85
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
	17:34.70	Gaylon Jorgensen(NV)	7-25-91
63	17:27.5	Clive Davies(OR)	7 8-79
64	17:19 0	Clive Davies(,O)	8- 2-80
65	16 38 8	Derek Turnbull(NZL)	3-13-92
	18 27 04	Joe King(CA)	7 25 91
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
	p18:38.45	Yoshimitsu Miyauchi(JPN)	10-11-93
70	18:46.62	John Gilmour(AUS)	8- 1-89
	20:05.4	Ray Sears(IN)	8- 8-77
71	18:43.61h	Warren Utes(IL)	7-23-91
72	19:07.25	John Gilmour(AUS)	7-25-91
	20:51.6	Harold Chapson(HI)	4-27-75
73	19:47	John Gilmour(AUS)	4-30-93
	20:02 57	Alfred Funk(MT)	8-16-87
74	20:24.23	John Gilmour(AUS)	10-11-93
	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	20:21.62	Kosaku Kanamori(JPN)	5-10-92
	21:35.2	Edward Benham(MD)	5- 4-85
78	21:39.8	Alfred Funk(MT)	8-13-92
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	23:03.81	Edward Benham(MD)	7-25-91
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
92	40:35.39	Paul Spangler(CA)	7-25-91
94	54 08.71	Paul Spangler(CA)	10-11-93
95	50:23 53	Herb Kirk(MT)	7-25-91

SIX MILES

TIMES WHICH ARE BETTER THEN THE 10K TIMES

35	28:02 4	Peter McArdle(NY)	5- 3-64
37	28:47 4	Oscar Moore(NJ)	6- 8-75
40	30:44	Ray Hatton(OR)	7-15-72
41	30:26.2	Hal Higdon(IN)	8-27-72
42	30:10 4	Hal Higdon(IN)	7- 6-73
43	29:59 0	Ray Hatton(OR)	4-26-75
44	29:29.6	Charles Smart(GBR)	4-24-54
45	30 47 0	Ray Hatton(OR)	6-11-77
46	31 29	Peter Mundle(CA)	7- 5-74
48	31 59	Hal Higdon(IN)	6-25-79
50	32:40	Peter Mundle(CA)	10- 1-78
56	33 03	Alex Ratelle(MN)	8-22-81
59	35 05	Clive Davies(OR)	7-12-75
65	38 17 4	Norman Bright(WA)	7-12-75
66	37:24 4	Norman Bright(WA)	8- 3-76
72	42 04.8	Stan Nicholls(AUS)	12-12-83
	43 11 0	Harold Chapson(HI)	4-27-75
73	42 14	Edward Benham(MD)	5- 2-81
77	45:53 4	Paul Spangler(CA)	7- 2-76
78	47:16.6	Paul Spangler(CA)	6-25-77

10,000 METERS

35	27 24 4	Carlos Lopes(POR)	6-26-82
	28:50 3	Duncan McDonald(HI)	4-28-84
	p28 12 60	Steve Plasencia(US)	6-14-91
36	27:23 44	Carlos Lopes(POR)	7- 9-83
	28:26.4	Gary Tuttle(CA)	4-28-84
	p28:05 86	Steve Plasencia(US)	4-17-92
37	27:17.48	Carlos Lopes(POR)	7- 2-84
	31 18.4	Randy Taylor(AR)	4-25-85
	p28 02 41	Steve Plasencia(US)	6-18-93
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	28:30.88	Martti Vainio(FIN)	6-25-91
	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	31:01.90	Ron Robertson(NZL)	7-23-91
	32:56.99	Michael Heffernan(OR)	7-23-91
51	31:04.22	Antonio Villanueva(MEX)	7-23-91
	32:10.4	Ray Hatton(OR)	6-18-83
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	Bill Foulk(MT)	7-29-89
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
	36:11 58	Norman Green(PA)	7-23-91
60	34:14.88	Luciano Acquarone(ITA)	7-20-91
	35 44.2	James O'Neil(CA)	6-22-85
61	34:23	John Gilmour(AUS)	11-26-80
	35 43 41	Norman Green(PA)	10- 7-93
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	34:42.2	Derek Turnbull(NZL)	3-15-92
	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
	p38 42 81	Yoshimitsu Miyauchi(JPN)	10- 7-93
70	38:26	John Gilmour(AUS)	6-21-89
	41:21 0	Ray Sears(IN)	8-10-77
71	38:23.69	Warren Utes(IL)	7-21-91
72	39:04 55	John Gilmour(AUS)	7-21-91
	43:47.0	William Brobston(NY)	8-23-85
73	41:11	John Gilmour(AUS)	4-29-93
	43:53.0	Eugene Keller(OH)	11-29-87
74	42:20.87	John Gilmour(AUS)	10- 7-93
	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	45:38.79	Edward Benham(MD)	7-29-89
83	47:55.0	Edward Benham(MD)	8- 2-90
84	48:46.86	Edward Benham(MD)	7-21-91
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
	61 24.08	Willard Benton(CA)	7-21-91
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
92	88:12.40	Paul Spangler(CA)	7-21-91
94	1 58 38	Paul Spangler(CA)	10- 7-93

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	11-868	18.496	Stae Spaepen(BEL)	9-27-81
	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	11-1426	19 007	Omer Vannotem(BEL)	10- 8-91
	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	10-1013	17.020	Herman Peeters(BEL)	10- 4-91
	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	10-818	16.841	Frans Vandeperre(BEL)	9-24-93
	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	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
	9:17.63	Clay Stenberg(WA)	5-11-91
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	9:43 97	Ron Robertson(NZL)	7-27-91
	10 53 7	David Stevenson(CA)	7- 7-79
51	9:50.23	Jouko Kuha(FIN)	7-27-91
	10:31.01	Fay Bradley(DC)	7-20-89
52	9:58.0	Alan Bradford(AUS)	3-17-91
	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
	p11 34 0	John Hepner(OR)	- -90
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 16.78	Avery Bryant(CA)	6-23-91
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

2000 METER STEEPLECHASE

60	7 03.8	Maurice Morrell(GBR)	6- 8-93
	7 40.10	David Stevenson(CA)	8- 5-89
61	7:13.93	Joaquim Silva(POR)	8- 5-89
	7:56.59	John Hepner(OR)	7-17-93
62	7:55.40	Raymond Spencer(CA)	6-27-85
63	7:49.06	Joaquim Silva(POR)	7-27-91
	9:47.21	Harold Daughters(DA)	6-27-85
64	8:27.61	John Eccles(NZL)	8- 5-89
	8:34 16	Avery Bryant(CA)	8- 5-88
65	7:53.00	John Eccles(NZL)	11- 3-90
	8:23.74	Avery Bryant(CA)	7-20-89
66	8:06.69	John Eccles(NZL)	7-27-91
	8:39 19	Raymond Spencer(CA)	7-20-89
67	8:43.50	Avery Bryant(CA)	7- 6-91
	p8:01.18	Katsumi Horiuchi(JPN)	10-13-93
68	8:39 60	John Eccles(NZL)	10-13-93
	9:07 2	Avery Bryant(CA)	9-20-92
69	8:49.56	Avery Bryant(CA)	9-19-93
70	8:52 74	Eugene Keller(OH)	6-27-85
71	8:38.17	Dan Bulkley(OR)	8- 5-88
72	8 59 97	Dan Bulkley(OR)	8- 5-89
73	9:02.88	Eugene Keller(OH)	8- 5-88
74	11 24.8	Charles Espy(FL)	8-18-84
75	9:46.90	Dan Bulkley(OR)	8-14-92
76	9:28.78	Dan Bulkley(OR)	7-17-93
77	11:12.20	Bob Boal(NC)	7-20-89
78	11:33.4	Bob Boal(NC)	5- 5-90
79	11:25 04	Bob Boal(NC)	7-27-91
80	13 24 59	Bob Boal(NC)	8-14-92
81	11 51 48	Tadashi Tau(JPN)	10-13-93
	12:42 4	Bob Boal(NC)	5- 1-93

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
	w18.5	Pat Crandall(US)	8-25-91
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	19.6	Barry Kline(PA)	7- 6-91
52	19 9	Jerry Stanners(CA)	6- 6-87
53	19 8	Barry Kline(PA)	7-24-93
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
59	24 4dec	Darrold Skartvedt(WA)	12- 9-90
60	w23 1	Darrold Skartvedt(WA)	12-15-91

61	23 9dec	Darrold Skartvedt(WA)	12-13-92
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 01	James McCraney(US)	6-22-91
	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 5	Stan Druckrey(WI)	6-22-91
	w14.61	Stan Druckrey(WI)	7- 5-91
43	14 9	Walt Butler(CA)	7-14-84
	p14 9	Valbjorn Thorlaksson(ICE)	- -78
	w14 6	Stan Druckrey(WI)	6-20-92
44	14.90	Walt Butler(CA)	8-10-85
	w14 8	Stan Druckrey(WI)	7-10-93
45	14 7y	Valbjorn Thorlaksson(ICE)	7- 8-79
	14.84	Stan Druckrey(WI)	8-12-93
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	14.9	Nate Robinson(FL)	2-22-92
	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	15.84	Jeff Loubet(NM)	9- 2-90
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	16.37	Andre Findeli(FRA)	5-27-78
	16.8	Charles Beaudry(TX)	8-24-74
	w16 3	Andre Findeli(FRA)	6-18-78
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	15.33	Jeff Loubet(NM)	9- 5-93
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	18.12	Will Robinson(CA)	6-27-93
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
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	23.4	Claude Hills(PA)	6-19-91
79	23.6	Claude Hills(PA)	7-17-91
80	24 1	Claude Hills(PA)	7-14-92
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

100 METER HURDLES (36")

50	13.57	Walt Butler(CA)	7- 5-91
51	13.84	Walt Butler(CA)	7-25-92
52	14.51	Hugh Adams(CA)	7-25-92
53	14.84	Charles Miller(TX)	8- 5-90
	w14.40w	Charles Miller(TX)	5-18-91
	w14.7w	Charles Miller(TX)	6-22-91
54	15.15	Emil Pawlik(MS)	8-12-93
	w14.6	Charles Miller(TX)	7-25-92
55	15 0	Phil Mulkey(GA)	5-14-88
56	15 50	Douglass McFetters(CA)	7-28-89
	15 5	Phil Mulkey(GA)	6-10-89
57	15 36h	Lawrence Pratt(US)	7-29-89
58	15 90	Phil Mulkey(GA)	6- 1-91
59	19.22h	Alan Maxwell(OR)	7-29-89
	p18.32	Norio Aibe(JPN)	10-10-93

100 METER HURDLES (30"/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 30	Jack Greenwood(CO)	7-21-91
66	17 5	Denver Smith(OH)	6-20-92
	p17.40	Notoichi Tasaki(JPN)	10-10-93
	w16.5	Burl Gist(CA)	5-24-86
	w17.2	Robert Hunt(CA)	8- 2-86
67	16.8	Denver Smith(OH)	7-24-93
68	17.67	Albertus Van Zyl(RSA)	4-19-91
	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 56	Albertus Van Zyl(RSA)	5- 8-92
	17.8	Burl Gist(CA)	7-16-89
	17.79	Robert Hunt(CA)	7-30-89
	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	22.9	Claude Hills(PA)	7-13-93

80 METER HURDLES (30")

70	13.2	Albertus Van Zyl(RSA)	10-10-92
	14.3	Joseph Martin(VA)	6-22-91
	14.30	Tom Patsalis(CA)	7-12-92
	w14 2	Alfred Guidet(CA)	5-28-88
	w14.27	Boo Morcom(NH)	7- 5-91
71	14.6	Alfred Guidet(CA)	5-27-89
	14.60h	Herb Miller(CA)	12- 4-87
	14.6	Boo Morcom(NH)	7-12-92
	w14 22	Burl Gist(CA)	7- 5-91
	w14.4	Robert Reckwardt(GFR)	8-21-84
72	14.46	Robert Reckwardt(GFR)	6-23-85
	14.77	Walter Dahlin(CA)	10-10-93
	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	15.1	Frank Finger(VA)	9- 1-90
76	15.2	Frank Finger(VA)	8- 4-91
77	15 54	Reino Taskinen(FIN)	10-10-93
	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
	p19.02	Lee Todd(NB)	8-12-93
	w16.0	Bert Morrow(CAN)	5-25-91
	w19.72	Bob Boal(NC)	8- 5-90
79	17.2	Bert Morrow(CAN)	5-23-92
	18 10	Claude Hills(PA)	8-17-91
	w16 2	Bert Morrow(CAN)	6-20-92
80	16 98	Mazumi Morita(JPN)	10-10-93
	17 5	Russell Meyers(FL)	7- 7-84
81	18 80	Karl Trei(CAN)	6-30-90
	19 73	Claude Hills(PA)	8-12-93
	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	48 93	Nathaniel Page(GA)	7-10-92
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	53 10	James King(CA)	7- 6-91
43	54 41	James King(CA)	8-15-92
44	55 5	Jim Dixon(GBR)	6-13-76
	57 1	Stan Druckrey(WI)	7-10-93
	57 1	Bill Knocke(CA)	7- 1-84
45	55.64	Guido Mueller(GFR)	8-25-84
	55 79	Stan Druckrey(WI)	8-13-93
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	69 7	Barry Kline(PA)	4-10-93
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
65	85.3	Chuck Sochor(MI)	9- 6-92
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
	61.39	Hugh Adams(CA)	8-15-92
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 2	Andre Findeli(FRA)	9- 3-78
	63.2	Boo Morcom(PA)	6-27-76
	p61 90	Baehth Parkob(URS)	8- 3-91
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(HOL)	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	70 4	Chuck Sochor(MI)	7-17-93
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

300 METER HURDLES (33")

50	39.96	Guido Mueller(FRG)	8- 3-89
	43 19	Jackson Steffes(CA)	8- 3-89
51	40 92	Willi Kalbermatter(SUI)	6-30-90
	45.37h	John Head(CA)	8- 1-89
	p43 2	Richard Rizzo(NJ)	8- 4-88
52	43 18h	Charles Miller(TX)	8- 1-89
53	44 54h	Poochi Parthasarathy(IND)	8- 1-89
	46 03	Bill Knocke(CA)	6-27-93
54	46.5	Hector Cisneros(TX)	8- 4-88
55	43 28	Erkki Knapp(FIN)	8- 3 89
	43 29	Ovidio De Jesus(PUR)	9-17-88
	43 36h	Richard Hickman(CA)	8- 1-89
56	44.31	Erkki Knapp(FIN)	6-30-90
	45.77	Josh Culbreath(US)	8- 3-89
57	46 15	Lawrence Pratt(US)	7-21-89
58	45 14	Marion Sanchez(CA)	8- 3-89

300 METER HURDLES (30")

60	46.31	Jack Greenwood(KS)	7-19-86
	46.36	Lee Blount(MO)	8-13-93
61	45.63	Jack Greenwood(KS)	6- 4-88
	45.65	Marion Sanchez(CA)	8-15-92
62	44.39	Marion Sanchez(CA)	8-13-93
63	43 49	Jack Greenwood(CO)	8- 3-89
64	47 19	Rudolph Valentine(NY)	12- 1-87
	p46.43	Levis Ariel Standen(CHI)	10-13-93
65	45.20	Jack Greenwood(CO)	7-25-91
66	50 01h	Svein Olav Hoilo(NOR)	10-11-93
	50.21	Chuck Sochor(MI)	9- 2-93
	p49.59	Notoichi Tasaki(JPN)	10-13-93
67	49.80	Rudolph Valentine(NY)	8- 3-90
68	50.25	Albertus Van Zyl(RSA)	4-19-91
	51.33	Robert Hunt(CA)	8- 4-88
69	51 14	Walter Dahlin(CA)	6-23-90
70	50 4	Albertus Van Zyl(RSA)	4-17-93
	53.84	Dan Bulkley(OR)	12- 1-87
71	51.38	Albertus Van Zyl(RSA)	10-13-93
	52.64	Dan Bulkley(OR)	8- 4-88
72	52.44	Dan Bulkley(OR)	8- 3-89
73	57.98	Massao Ishida(BRA)	10-13-93
	58.03	Herb Miller(CA)	7-21-89
75	56.50	Dan Bulkley(OR)	8-15-92
76	55 52	Dan Bulkley(OR)	7-18-93
77	62.89	Reino Taskinen(FIN)	10-13-93
	64 31	Claude Hills(PA)	8- 3-89
78	64 58	Bert Morrow(CAN)	6-15-91
80	70.86	Karl Trei(CAN)	8- 3-89
	71.9	Claude Hills(PA)	8-30-92
81	76 20	Claude Hills(PA)	8-13-93

HIGH JUMP

35	7'1	2 16 Viktor Bolshov(URS)	6-20-74
	6'11 3/4	2 13 Jim Barrineau(VA)	7- 1-90
36	7'0 3/4	2.15 Jim Barrineau(VA)	6- 6-92
	7'0 3/4	2.15 Viktor Bolshov(URS)	5-30-75
37	7'0 1/4	2.14 Jim Barrineau(VA)	3-20-93
38	7'0 1/2	2.14 Jim Barrineau(VA)	8-12-93
39	6'8 1/2	2 04 John Hartfield(TX)	9- 2-84
40	6'9	2.06 John Hartfield(TX)	9- 1-85
41	6'9 1/2	2.07 Istvan Major(HUN)	7- 2-90
	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 Charlie Rader(CA)	6-15-91
	6'4 3/4	1 95 Egon Nilsson(SWE)	9-14-69
44	6'6	1.98 John Dobroth(CA)	6- 1-85
	6'6	1.98 Charlie Rader(CA)	7-25-92
45	6'6 3/4	2 00 Asko Pesonen(FIN)	9- 3-88
	6'3 1/2	1.92 Charlie Rader(CA)	7-31-93
46	6'1 1/4	1.86 John Dobroth(CA)	8-29-87
47	6'2	1.88 Franc Vivod(YUG)	7-25-91
	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	6'2	1 88 Dieter Wille(GER)	10-10-93
	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	5'7 1/4	1.71 Phil Fehlen(CA)	10- 2-93
59	5'5 3/4	1.67 Milton Newton(CA)	9-18-93
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	5'4 1/2	1.64 Jim Gillcrist(FL)	7- 5-91
64	5'6 1/4	1.68 Jim Gillcrist(FL)	9-19-92
65	5'4 1/2	1 64 Jim Gillcrist(FL)	9-25-93
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 3/4	1.44 Walter Dahlin(CA)	7- 5-91
71	4'9	1.45 Ian Hume(CAN)	7-18-86
	4'6 1/4	1.38 Charles Obye(AZ)	8-12-93
72	4'9	1.45 Ian Hume(CAN)	9- 6-86
	4'7 1/2	1.41 Brady Walker(UT)	8-12-93
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
	p4'3 1/4	1 30 Takuro Miura(JPN)	10-10-93
77	4'5 1/4	1 35 Esko Kolhonen(FIN)	7-23-91
	4'1 1/4	1.25 Herbert Anderson(CO)	7-28-79
78	4'2	1.27 Herbert Anderson(CO)	8-17-80
79	4'5 1/4	1.35 Esko Kolhonen(FIN)	10-10-93
	4'2	1.27 Herbert Anderson(CO)	9- 6-81
80	4'0 1/2	1.23 Virgil McIntyre(AZ)	6-28-91
81	3'10	1.17 Herbert Anderson(CO)	9- 3-83
	3'10	1.17 Buell Crane(ID)	8- 9-81
	3'10	1.17 Wesley Ward(IN)	6- 9-91
82	4'0	1.22 Wesley Ward(IN)	2-15-92
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 Herbert Anderson(CO)	7-13-91
	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
91	3'1	0.94 Buell Crane(ID)	7 23-91
92	2'9 1/2	0.85 Collister Wheeler(OR)	7-26-85
93	3'1	0.94 Buell Crane(ID)	8-12-93

POLE VAULT

35	18'4 1/2	5 60 Earl Bell(US)	6-15-91
36	18'6 1/2	5 65 Earl Bell(US)	6- -92
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
	p16'0	4.87 Craig Boyak(CA)	8-14-92
39	15'9	4.80 Charles Polhamus(GA)	4-10-83
40	17'0 3/4	5.20 Larry Jessee(TX)	12-11-92
41	17'1 1/4	5.21 Kjell Isaksson(SWE)	6-23 89
	15'3	4 65 Charles Polhamus(GA)	6-29-85
	p16'3	4 95 Ed Lipscomb(OR)	8-14-92
42	15'5 1/2	4.71 Emile Dewil(BEL)	8-25-91
	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	15'5 1/2	4 71 Greg Miguel(CA)	8-12-93
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)	7- 5-90
	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 1/2	3.06 Boo Morcom(NH)	7- 6-91
71	10'4 1/2	3.16 Boo Morcom(NH)	8-22-92
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	8'6 1/2	2 60 Carol Johnston(CA)	5-25-91
80	8'3	2.51 Carol Johnston(CA)	6-20-92
81	7'8	2.33 Carol Johnston(CA)	9-12-93
82	6'2 3/4	1.90 A E Pitcher(IN)	5-26-84
83	6'6 3/4	2 00 Ahiti Pajunen(FIN)	10-11-93
	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
89	4'6	1 37 A E Pitcher(IN)	8- 3-91

LONG JUMP

35	27'10 3/4	8.50 Larry Myricks(US)	6-15-91
36	26'7 1/4	8.11 Larry Myricks(US)	4 17-92
	w26'10 1/2	8.19 Larry Myricks(US)	4-17-92
37	27'0 3/4	8.25 Larry Myricks(US)	7-28-93
	w27'5 1/2	8.37 Larry Myricks(US)	7-28-93
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
	w25'11 3/4	7.92 Nenad Stekic(YUG)	6- 7-89
	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	24'10	7 57 Hans Schicker(FRG)	7-16-89
	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
	22'2 1/2	6 77 Carl Flowers(CA)	6-15-91
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
	w22'11	6 98 John Hartfield(TX)	6- 7-91
	w21'9	6.63 Stan Whitley(CA)	8-15-92
47	22'4 1/4	6.81 T. Taavitskinen(FIN)	7-23-91
	21'4	6.50 John Hartfield(TX)	6- 6-92
	w21'6 1/4	6.56 Shirley Davisson(CA)	4-24-77
48	21'5 1/4	6 53 Wolf Reinhardt(GFR)	8- 9-77
	21'4	6 50 Rudy Enders(MD)	4-26-80
49	21'2	6 45 T Taavitskinen(FIN)	10- 9-93
	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	21'1 1/4	6 43 Stig Backlund(FIN)	7-23-91
	20'10 1/2	6 36 Darrel Horn(CA)	9- 8-90
52	20'0 1/2	6 11 Darrel Horn(CA)	9-22-91
	20'0 1/2	6 11 Pericles Pinto(POR)	7-30-89
53	20'8	6 30 Pericles Pinto(POR)	6-30-90
	19'9 1/2	6 03 Gary Miller(CA)	3-11-91
54	20'2 1/4	6 15 Pericles Pinto(POR)	7-23-91
	19'10 1/2	6 06 Tom Patsalis(CA)	6-12 76
	w20'3 1/2	6 18 Tom Patsalis(CA)	6-26-76
55	20'4	6 20 Pericles Pinto(POR)	7-11-92
	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	17'5 1/4	5.31 Melvin Larsen(IL)	1-13-91
	w17'11	5.46 Hans Bitter(GFR)	7-13-86
	w17'9 3/4	5.43 Hans Bitter(GFR)	7-29-86
67	16'4	4.98 Melvin Larsen(IL)	7-25-91
68	16'4 1/2	4.99 Melvin Larsen(IL)	6-10-93
69	16'9 1/2	5.12 Melvin Larsen(IL)	10- 9-93
70	16'4	4.98 G. Skrivervik(NOR)	7-25-91
	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
	15'3 1/2	4.66 Edwin Lukens(NY)	3-19-93
	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
	w14'9 1/4	4.50 Tom Kennell(US)	9-25-93
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	13'8 1/4	4.17 Francisco Colon(PUR)	5-18-91
	13'5 1/4	4.09 Bill Morales(CA)	5-25-91
	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	15'8 1/4	4 78 Mazumi Morita(JPN)	7-30-88
	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	14'3	4.34 G. Marabotti(ITA)	10- 9-93
	12'5 3/4	3.80 Claude Hills(PA)	7-27-89
78	14'3	4.34 Mazumi Morita(JPN)	7-25-91
	12'2	3 71 Clarence Trahan(CA)	7-30-93
79	12'10	3.91 Esko Kolhonen(FIN)	10- 9-93
	11'11 1/2	3.64 Joe Caruso(CA)	3- 5-89
	w12'11 1/4	3.94 Gulab Singh(IND)	6-27-85
80	13'6 1/4	4 12 Mazumi Morita(JPN)	10- 9-93
	11'7	3 53 Walt Wesbrook(US)	6-24-78
81	11'5 3/4	3 50 Vittorio Colo(ITA)	2- 5-93
	10'4 1/2	3.16 Buell Crane(ID)	8-16-81
	p13'0 3/4	3.98 Giichi Suda(JPN)	10- 9-93
	w12'2	3 71 Antonio Gotay(PUR)	10-10-93
	w10'8	3.25 Benjamin Fox(AZ)	7-19-86
82	12'5 3/4	3.80 Gulab Singh(IND)	12- 5-87
	12'0 3/4	3.67 David Marcus(CA)	5-25-91
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	10'2 1/2	3.11 Kameo Jin(JPN)	10- 9-93
	10'1 3/4	3.09 Winfield McFadden(CA)	7-22-89
85	9'10 1/2	3 01 Masami Okazaki(JPN)	5-20-90
	9'1	2 77 Buell Crane(ID)	6- 6-85
86	10'3 3/4	3 14 Masami Okazaki(JPN)	5-26-91
	8'11	2.72 Russell Randall(CO)	8-13-93
	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	8'9 1/4	2 67 Masami Okazaki(JPN)	10- 9-93
	8'4	2 54 Everett Hosack(OH)	4-21-90
	w8'6	2 59 Everett Hosack(OH)	9- 2-90
89	6'7 3/4	2 02 Herbert Anderson(CO)	8-31-91
90	8'0 1/4	2 44 Buell Crane(ID)	4 21-90
91	7'10 1/2	2.40 Buell Crane(ID)	4-20-91
93	5'4 1/4	1.63 Buell Crane(ID)	8-13-93
94	3'11 3/4	1.21 Mikko Salonen(FIN)	7-25-91
95	5'10	1.78 Collister Wheeler(OR)	7-22-88
99	7'0 3/4	2.15 Joginder Singh(((IN)	7-25-91

TRIPLE JUMP

35	55'7 1/4	16.95 Ray Kimble(US)	8-12-88
36	54'10	16.71 Willy Banks(CA)	6-21-92
	w54'10 1/2	16.72 Willy Banks(CA)	6-21-92
37	53'3 3/4	16.25 Jozef Schmidt(POL)	6-27-72
	52'9	16.08 Ray Kimble(US)	4- 6-91
38	54'1 3/4	16.50 Ray Kimble(US)	6-14-91
39	55'5 1/2	16.90 Ray Kimble(US)	6-21-92
	w56'4	17.17 Ray Kimble(US)	6-21-92
40	54'4 3/4	16.58 Ray Kimble(US)	7- 2-93
	w55'8 1/4	16.97 Ray Kimble(US)	6-17-93
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
	47'10 1/2	14.59 Milan Tiff(CA)	6-22-91
	w48'6 1/2	14.79 Milan Tiff(CA)	5-25-91
43	49'10 1/2	15.20 Milan Tiff(CA)	7-26-91
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
	p45'7	13.89 Gennadiy Bessonov(URS)	6-11-92
	w45'1 3/4	13.76 Stig Backlund(FIN)	8- 2-87
48	44'4 1/2	13.52 Dave Jackson(CA)	8-17-80
	w46'4 1/4	14.13 Stig Backlund(FIN)	11-29-87
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)	7- 4-90
51	44'5 1/2	13.55 Hermann Strauss(FRG)	6- 6-82
	41'6 1/4	12.65 Dave Jackson(CA)	8-22-83
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	42'7 3/4	13.00 Hermann Strauss(FRG)	9-15-84
	41'11 1/2	12 79 Dave Jackson(CA)	5-25-85
	w42'6 1/4	12.96 Dave Jackson(CA)	6-27-85
54	42'7 3/4	13.00 Hermann Strauss(FRG)	5- 4-85
	40'10	12.44 Dave Jackson(CA)	6-28-86
55	41'11 1/2	12.79 Hermann Strauss(FRG)	9- 6-86
	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	41'0 1/2	12 51 Hermann Strauss(FRG)	6- 4-89
	39'4	11.99 Tom Patsalis(CA)	5-17-80
59	40'6 1/4	12.35 Tom Patsalis(CA)	8- 9-81
60	40'5 1/2	12.33 Hermann Strauss(FRG)	7-26-91
	39'3	11.96 Tom Patsalis(CA)	7-10-82
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
	p37'6 3/4	11.45 L. Ariel Standen(CHI)	10-13-93
65	36'5 1/2	11 11 Matti Jarvinen(FIN)	7-27-91
	35'7 3/4	10.86 Tom Patsalis(CA)	3-29-87
66	35'4 1/2	10.78 Amelio Compri(ITA)	7-27-91
	33'10	10.31 Edwin Lukens(NY)	8-28-88
67	35'7 1/2	10.86 Matti Jarvinen(FIN)	10-13-93
	34'4 1/4	10 47 Edwin Lukens(NY)	7- 8-89
68	34'1 1/2	10.40 Amelio Compri(ITA)	10-13-93
	33'6	10.21 Edwin Lukens(NY)	5- 4-90
69	32'7 1/4	9.94 Ian Hume(CAN)	8-17-84
	32'3 3/4	9 85 Tom Patsalis(CA)	6-22-91

70	33'9 1/4	10 29	Rolf Gustavson(SWE)	8- 2-87
	31'4 1/2	9.56	Tom Patsalis(CA)	7-12-92
	w32'1 3/4	9 80	Tom Patsalis(CA)	6-20-92
71	32'9 3/4	10.00	Ian Hume(CAN)	7-26-86
	32'8 1/2	9 97	Edwin Lukens(NY)	3-19-93
	w33'1 3/4	10 10	Mazumi Morita(JPN)	6-26-85
72	33'7 1/2	10 25	Mazumi Morita(JPN)	10-13-85
	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
	w28'5 1/2	8.67	Robert Sorlien(RI)	8-12-90
74	31'6 1/4	9.61	Mazumi Morita(JPN)	12- 4-87
	27'6 1/4	8.39	Robert Sorlien(RI)	8-17-91
75	32'11 3/4	10.05	Mazumi Morita(JPN)	7-31-88
	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	30'1 1/2	9.18	Teodor Solheim(NOR)	7-27-91
	26'10 1/2	8.19	Winfield McFadden(CA)	8-16-81
	w31'2	9.50	Esko Kolhonen(FIN)	7- 4-90
77	29'11 1/2	9.13	Esko Kolhonen(FIN)	7-27-91
	25'4	7.72	John Damski(CA)	10-19-91
	w26'1	7.95	Winfield McFadden(CA)	8- 7-82
78	30'6 1/2	9.31	Mazumi Morita(JPN)	7-27-91
	25'1 3/4	7.66	Clarence Trahan(CA)	9-19-93
	w26'2	7.97	Herbert Anderson(CO)	8-17-80
79	27'11 3/4	8.53	Esko Kolhonen(FIN)	10-13-93
	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	29'4 1/2	8.95	Mazumi Morita(JPN)	10-13-93
	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
	23'1 1/4	7.04	Claude Hills(PA)	8-13-93
	p25'11 3/4	7.92	Giichi Suda(JPN)	10-13-93
	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
	w22'11 1/2	7.00	David Marcus(CA)	5-25-91
	w22'10 3/4	6.98	Benjamin Fox(AZ)	8-15-87
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	20'10 1/2	6.36	Shigemitsu Kawato(JPN)	7- 5-92
	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
	p19'1 1/2	5.83	Kumazo Kashiwada(JPN)	10-13-93
	w17'7 1/2	5.37	Herbert Anderson(CO)	7- 1-90
88	17'6	5.33	Winfield McFadden(CA)	9-19-93
89	15'9 1/4	4.81	Herbert Anderson(CO)	8-31-91
90	18'1	5.51	Buell Crane(ID)	7-28-90
91	15'2 3/4	4.64	Buell Crane(ID)	7-27-91
92	13'1	3.99	Collister Wheeler(OR)	7-27-85
93	w15'2 1/2	4 63	Buell Crane(ID)	8-13-93
94	9'3 3/4	2 84	Mikko Salonen(FIN)	7-27-91

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

Joe Keshmiri, M55 shot put U.S. record holder, Stanford Throws Meet, June 5.

Photo by G Kelmenson

49	54'8 3/4	16.68	H. Hombrecher(GFR)	8-11-74
	50'9 1/2	15.48	Tom Gage(MT)	3-20-93
50	54'6 1/4	16.62	H Hombrecher(GFR)	9-18-75
	50'1 1/2	15.28	Carl Wallin(NH)	10- 5-91
51	50'10 1/4	15.50	H. Hombrecher(GFR)	5-19-77
	48'9	14.86	Carl Wallin(NH)	10- 4-92
52	47'10 1/2	14.59	Carl Wallin(NH)	10- 9-93
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	39'7 1/4	12.07	Vic Depre(BEL)	10-29-89
	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	40'6 3/4	12.36	Cliff Blair(MA)	8-22-93
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	35'1 3/4	10.71	William Walmroth(MI)	9-13-92
69	34'5	10.49	Franz Meier(SWI)	10- 3-87
	33'2	10.11	Ross Carter(OR)	8-27-83
0	32'0 1/2	9 76	Donald Cumley(NV)	8-25-90
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	31'10	9.70	Franz Meier(SWI)	5-24-92
	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
	28'2 1/4	8.59	Ross Carter(OR)	8-25-90
77	25'9	7.85	Manuel White(MT)	6-12-93
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	26'7 3/4	8.12	Ross Carter(OR)	6- 6-93
80	22'9 1/4	6.94	James York(CA)	9-18-93
81	22'2 1/2	6.77	Leon Joslin(WA)	7- 7-93

SHOT PUT (6 kg)

50	57'7 1/4	17.56	H. Hombrecher(FRG)	8-14-75
	53'10	16.41	Carl Wallin(NH)	10- 5-91
	p60'6 1/2	18.45	Klaus Liedtke(FRG)	7-20-91
51	53'6 1/2	16.32	Carl Wallin(NH)	9-25-93
	p55'4 1/4	16.87	Raimo Leino(FIN)	8- 3-85
52	57'9	17.60	Klaus Liedtke(FRG)	10-10-93
	52'7 1/2	16.04	Carl Wallin(NH)	10- 9-93
53	53'9	16.38	H. Hombrecher(FRG)	9-13-78
	49'5 1/2	15.07	Joe Keshmiri(NV)	8-14-92
54	53'2 3/4	16.22	H. Hombrecher(FRG)	7-27-79
	45'2 1/2	13 78	James Hart(CA)	7- 5-91
55	52'4	15 95	Peter Speckens(FRG)	7- 3-90
	52'0	15.85	Joe Keshmiri(NV)	10-10-93
56	48'9 1/2	14.87	Hans Potsch(AUT)	7-29-89
	44'6	13 56	Hal Smith(CA)	5-23-92
57	44'5 1/2	13.55	Hal Smith(CA)	5-15-93
58	50'3 1/4	15.32	Peter Speckens(FRG)	10-10-93
	44'0	13.41	Cliff Blair(MA)	11-28-87
59	46'8 1/2	14.23	Cliff Blair(MA)	10- 4-89
60	46'8 1/2	14.23	Cliff Blair(MA)	12- 8-89
74	32'5 1/4	9.89	Franz Meier(SWI)	5-24-92

SHOT PUT (5 kg)

60	52'8	16 05	Cliff Blair(MA)	9-29-90
61	49'8 1/2	15.15	Cliff Blair(MA)	1- 5-91
62	49'10 1/2	15.20	Cliff Blair(MA)	1-10-92
63	47'10 3/4	14.60	T. Von Wachenfeldt(SWE	7-20-91
	44'7 1/2	13.60	Michael Orlich(US)	7-20-89
64	47'5	14 45	Reino Nokelainen(FIN)	8-22-84
	41'1 1/4	12.53	Phillip Brusca(MO)	8-24-91
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
	43'0	13.10	Phillip Brusca(MO)	6- 5-93
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
	38'11	11.86	William Walmroth(MI)	9-13-92
69	43'8 1/2	13.32	Voitto Elo(FIN)	8-22-84
	38'8	11.78	Bill Bangert(CA)	6- 6-93
	p39'1 1/2	11.92	Arnold Scott(US)	7-11-92

SHOT PUT (4 kg)

70	46'1 1/4	14 05	Voitto Elo(FIN)	6-23-85
	43'3	13 18	Donald Cumley(NV)	8- 4-90

71	44'7 3/4	13.61	Hans Bitter(FRG)	7-21-91
	43'8	13.31	Scott Herrman(KA)	7- 5-91
72	43'11 1/2	13.40	Ross Carter(OR)	8- 2-86
73	45'1	13.74	Scott Herrman(KA)	10-11-92
74	42'4	12.90	Franz Meier(SWI)	9- 6-92
	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	39'4	11.99	Ross Carter(OR)	6-22-91
78	38'7	11.76	Ross Carter(OR)	6-13-92
79	38'0 1/4	11.59	Ross Carter(OR)	5-29-93
80	36'5	11.10	Antonio Gotay(PUR)	10-11-92
	30'8 1/4	9.35	Leon Joslin(WA)	9- 5-92
81	36'7	11.15	Antonio Gotay(PUR)	10-10-93
	32'3 3/4	9.85	Vernon Cheadle(CA)	8- 1-91
82	35'4	10.77	Gerhard Schepe(FRG)	10-10-93
	27'5	8.35	Vernon Kennedy(MO)	6-22-89
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)	7- 3-90
	25'2 1/2	7.68	Burt Degroot(CA)	6-15-91
85	27'10 1/4	8.49	Lamberto Cicconi(ITA)	7- 3-90
	24'9 1/4	7.55	Burt Degroot(CA)	7-25-92
86	27'5 1/4	8.36	Lamberto Cicconi(ITA)	2-23-91
	23'1 1/4	7.04	Burt Degroot(CA)	7-31-93
87	27'6 3/4	8.40	Lamberto Cicconi(ITA)	9- 5-92
	25'0	7.62	Buell Crane(ID)	8-14-87
88	26'4 1/4	8.03	Lamberto Cicconi(ITA)	2- 5-93
	21'8 1/4	6.61	Herbert Anderson(CO)	7-13-91
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
91	16'10	5.13	John Whittemore(CA)	10-19-91
92	15'7 1/2	4.76	Jing-chan Wang(TAI)	11-28-87
93	18'6 3/4	5.66	Buell Crane(ID)	8-14-93
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
	p25'3 1/4	7.70	Joginder Singh(((IN)	- -88
97	15'9	4.80	Tom Lane(CA)	9-22-91
98	21'0	6 40	Joginder Singh(((IN)	11-11-90
	13'5 1/4	4 09	Tom Lane(CA)	8-14-92
99	20'10 3/4	6.37	Joginder Singh(((IN)	7-21-91

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
	136'5	41 58	Wendell Palmer(TX)	4-18-92

60	137'10	42.02	Wendell Palmer(TX)	6-13-92
61	123'9	37.74	Olav Reppen(NOR)	8-17-72
	106'2	32.36	Len Olson(VT)	8-30-92
62	120'8	36.80	Olav Reppen(NOR)	8-12-73
	109'5	33.36	Len Olson(VT)	9-12-93
	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 Eisenmann(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
	89'5	27.25	Manuel White(MT)	8-11-89
74	104'5	31.84	Olav Reppen(NOR)	8- 8-85
	84'4 1/2	25.72	Manuel White(MT)	6-10-90
75	81'4 1/2	24.80	Manuel White(MT)	8-10-91
76	86'1	26 24	Manuel White(MT)	7-11-92
77	81'7 1/4	24.87	Manuel White(MT)	8-28-93
78	77'9 1/2	23 71	Leon Joslin(WA)	6-20-90
79	72'8	22 15	Leon Joslin(WA)	7-10-91
80	59'0	17.98	John Whittemore(CA)	12- 9-79
81	68'8 1/4	20 93	Leon Joslin(WA)	8- 4-93

DISCUS THROW (1.5 kg)

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- 1-87
	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	171'8	52.34	Wendell Palmer(TX)	4-18-92
60	160'7	48.94	Wendell Palmer(TX)	6-13-92
61	161'2	49.12	Wendell Palmer(TX)	6- 5-93
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
	106'3	32.38	Manuel White(MT)	8-11-89
74	117'10	35.92	Olav Reppen(NOR)	8- 8-85
	100'11	30.76	Manuel White(MT)	6-10-90
75	95'10 3/4	29.23	Manuel White(MT)	7-21-91
76	104'0	31.70	Manuel White(MT)	7-11-92
77	94'0 3/4	28.67	Manuel White(MT)	6-12-93
78	87'3	26 59	Leon Joslin(WA)	7-11-90
79	78'6	23 92	Leon Joslin(WA)	8- 7-91
80	46'3 1/2	14.11	Gordon Powell(FL)	4- 1-90
81	77'4	23.57	Leon Joslin(WA)	7-31-93

DISCUS THROW (1.0 kg)

55	171'4	52.22	Joe Keshmiri(NV)	9-18-93
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	191'4	58.32	Wendell Palmer(TX)	4-18-92
60	189'0	57.60	Wendell Palmer(TX)	4-24-92
61	187'6	57 16	Wendell Palmer(TX)	6- 5-93
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	156'8	47 76	Kauko Jouppila(FIN)	7-23-91
	142'6	43.44	Daniel Aldrich(CA)	3- 5-89
71	156'6	47.70	Olav Reppen(NOR)	9-11-82
	139'1	42.40	Wilbur Thompson(CA)	8-15-92
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
	132'3	40.32	Manuel White(MT)	7-22-90
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- 1-87
	127'1	38.74	Ross Carter(OR)	3-11-90
77	133'11	40.84	Osmo Renvall(FIN)	12- 4-87
	128'2	39 06	Ross Carter(OR)	10-23-91
78	121'9	37 12	Ross Carter(OR)	7-25-92
79	124'2	37 84	Osmo Renvall(FIN)	6-30-90
	117'10	35.92	Ross Carter(OR)	5-15-93
80	124'2	37.86	Osmo Renvall(FIN)	7-23-91
	102'4	31.20	Leon Joslin(WA)	6-21-92
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	97'3	29.64	Ken Carnine(CA)	6-22-91
84	89'10 3/4	27 40	Jakob Schumann(GFR)	7-29-86
	83'6	25.45	Ken Carnine(CA)	8-15-92
85	88'11 3/4	27.12	Lamberto Cicconi(ITA)	9-12-90
	87'2	26.57	Ken Carnine(CA)	9-18-93
86	87'6 1/2	26 68	Lamberto Cicconi(ITA)	1- 6-91
	72'9 1/4	22.18	Burt Degroot(CA)	7-31-93
87	85'11 1/2	26.20	Lamberto Cicconi(ITA)	6-26-92
	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
91	62'6	19.05	Buell Crane(ID)	4-20-91
92	50'11	15.52	Collister Wheeler(OR)	7-26-85
93	43'5 1/4	13.24	Buell Crane(ID)	8-13-93
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
	p62'1 3/4	18 94	Joginder Singh(((IN)	- -88
97	36'6 1/2	11 14	Tom Lane(CA)	9-22-91
98	56'8 1/4	17 28	Joginder Singh(((IN)	11-11-90
	30'0	9 14	Tom Lane(CA)	8-15 92
99	52'10 3/4	16 12	Joginder Singh(((IN)	7-23 91

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	271'1	82.62	Yurly Syedikh(URS)	7- 3-91
	232'4	70.82	Dave McKenzie(CA)	6-16-85
37	269'6	82.16	Yurly Syedikh(URS)	8- -92
	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
41	234'11	71.60	Oleg Djatlov(URS)	7- 6-90
	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	208'2	63.46	S. Murofusi(JPN)	10-13-93
	192'2	58.58	Tom Gage(MT)	8- 9-91
49	200'5	61.10	Hans Potsch(AUT)	7-14-82
	192'1	58.54	Tom Gage(MT)	7-31-92
	p203'11	62.16	Josef Matousek(CZE)	- -77
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	140'8	42.88	Cliff Blair(MA)	8-18-91
62	125'5	38.24	Olav Reppen(NOR)	8- 2-73
	102'4	31.20	Bob Stone(CA)	1- 8-83
63	135'5	41.28	Cliff Blair(MA)	8-22-93
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
	106'5	32.44	Thomas McDermott(FL)	3-13-89
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
	101'0	30 78	Thomas McDermott(FL)	6- 8-91
74	101'7	30 96	Olav Reppen(NOR)	8- 8-85
	82'6	25.16	Stanley Herrmann(CA)	1-14-79
75	87'8	26.72	Thomas McDermott(FL)	5-31-93
76	83'1	25.32	Stanley Herrmann(CA)	8-31-80
77	71'1	21.66	Manuel White(MT)	8-28-93
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	60'7 1/2	18 48	Norman Hawke(NZL)	4-17 92
	50'11	15 53	John Whittemore(CA)	12- 9-79

HAMMER THROW (6 kg)

50	209'2	63.76	Tom Gage(MT)	5-16-93
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
	192'4	58.62	Ed Burke(CA)	8- 8-92
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
	173'2	52.78	Bill McWilliams(MA)	8-13-92
57	209'0	63 70	Hans Potsch(AUT)	7- 5-90
	167'8	51.10	Bob Backus(MA)	5-27-84
58	186'6	56.84	Richard Rzehak(FRG)	6-25-88
	160'2	48.82	Steward Thomson(CA)	1-18-92
59	188'0	57.32	Hans Potsch(AUT)	7- 2-92
	173'6	52.90	Steward Thomson(CA)	6-20-92
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
	119'2	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	193'0	58 82	Hans Potsch(AUT)	9-19-93
	172'9	52 66	Cliff Blair(MA)	9-29-90
61	190'3	58 00	Pentti Saarikoski(FIN)	8-26-87
	165'4	50 40	Joe Chadbourne(OH)	9-13-92
62	172'9	52 66	Cliff Blair(MA)	10- 4-92
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	169'10	51 76	Pentti Saarikoski(FIN)	7-18-91
	137'4	41.86	Bob Richards(TX)	7- 4-91
66	165'2	50 34	Pentti Saarikoski(FIN)	7- 2-92
	145'11	44.48	Len Mozhaev(PA)	9-27-92
67	154'10	47 20	Eino Anttila(FIN)	7- 5-90
	131'8	40 14	Thomas McDermott(FL)	6-22-85
68	139'7	42 56	Max Carr(NZL)	11- -90
	134'2	40 90	Thomas McDermott(FL)	7-19-86
69	132'4	40.34	Max Carr(NZL)	3-14-92
	128'1	39 04	Bill Bangert(CA)	9-18-93
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	133'0	40 54	Olav Reppen(NOR)	8-30-84
	124'11	38 08	Thomas McDermott(FL)	6- 8-91
74	115'2	35 10	Thomas McDermott(FL)	6-20-92
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	73'1 1/2	22 29	James York(CA)	5-22-93

80	74'2 1/4	22.61	James York(CA)	9-18-93
81	63'6 1/4	19.36	Paul Narcessian(RI)	9-26-93
82	73'7 1/2	22 44	Jakob Schumann(FRG)	8-21-84
	54'4 1/4	16 57	Paul Narcessian(RI)	10-24-93
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	150'11	46.00	Thomas McDermott(FL)	5-18-91
74	131'0	39.94	Roy Foley(AUS)	7-29-91
	129'10	39.58	Thomas McDermott(FL)	5-23-92
75	146'8	44.70	Olav Reppen(NOR)	5-23-87
	126'4	38.50	Thomas McDermott(FL)	4-24-93
	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
	109'0	33.22	Manuel White(MT)	8-28-93
78	119'8	36.48	Aarne Miettinen(FIN)	7-18-91
	98'9 3/4	30.12	Nolan Fowler(TN)	5- 2-92
79	119'5	36.40	Osmo Renvall(FIN)	7- 5-90
	94'5 1/2	28.79	James York(CA)	7-18-92
80	112'5	34.28	Karsten Brodersen(CHL)	12- 1-87
	89'9	27.35	James York(CA)	8-11-93
81	91'4 1/2	27.85	Jakob Schumann(FRG)	9-24-83
	88'1 1/2	26.86	Leon Joslin(WA)	9-25-93
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	67'3	20 50	Robert Ulsh(CA)	9-13-92
86	59'4 1/2	18.10	Robert Ulsh(CA)	9-12-93
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
91	55'6 1/2	16.93	Buell Crane(ID)	4-20-91
93	44'2 3/4	13 48	John Whittemore(CA)	10- 2-93
96	p54'11	16.74	Joginder Singh(((IN)	- -88

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	211'7	64 50	Larry Stuart(CA)	2 21-90
53	213'9	65 16	Larry Stuart(CA)	4-13-91
54	210'0	64.02	Larry Stuart(CA)	7-12-92
55	209'1	63 74	Larry Stuart(CA)	5-15-93
56	186'5	56.82	William Duckworth(GA)	7- 7-91
	p189'0	57.62	Veikko Javanainen(FIN)	- -82
57	178'1	54 28	William Duckworth(GA)	7-11-92
58	168'6	51.36	William Duckworth(GA)	7-10-93
59	174'9	53.28	Jan Smiding(SWE)	7-21-91
	166'7	50.78	Del Pickarts(CA)	8- 3-86
60	167'8	51.10	Del Pickarts(CA)	2-21-88
61	165'7	50.48	Del Pickarts(CA)	4-17-88
62	153'4	46.74	Del Pickarts(CA)	7- 1-89
63	140'5	42.80	Del Pickarts(CA)	9-23-90
64	148'10	45.36	Del Pickarts(CA)	5- 5-91
65	135'1	41.18	Gordon Nordgren(LA)	6-23-84
66	147'6	44.96	Del Pickarts(CA)	7- 1-93
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	103'11	31.68	Gordon Nordgren(LA)	12-28-91
73	119'7	36.46	Manuel White(MT)	8-11-89
74	121'1	36.90	Manuel White(MT)	8-25-90
75	117'1	35.70	Manuel White(MT)	8-10-91
76	116'0	35.36	Manuel White(MT)	6-19-92
77	88'9	27.05	William Eipel(NY)	6- 3-90
78	70'2 1/2	21.40	Gilberto Gonzalez(FL)	12-29-91
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
86	47'9	14.55	Frank Furniss(FL)	8-12-93
87	54'7 1/2	16.65	Herbert Anderson(CO)	7- 4-90
88	42'0	12.80	Herbert Anderson(CO)	7-14-91
89	41'2 1/2	12.56	Herbert Anderson(CO)	7-28-91

JAVELIN THROW (600 grams)

50	178'6	54.40	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	223'9	68.20	Larry Stuart(CA)	5-25-91
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	Del Pickarts(CA)	11-28-87
61	184'6	56.24	Del Pickarts(CA)	6-18-88
62	176'11	53 94	Del Pickarts(CA)	7-23-89
63	178'9	54.50	Aloysius Sibidol(BRU)	9-26-83
	177'3	54 02	Bud Held(CA)	7-21-91
64	188'9	57 54	Bud Held(CA)	5-30-92
65	180'6	55 02	Bud Held(CA)	5-15-93
66	168'5	51.34	Del Pickarts(CA)	8-14-93
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
	126'3	38.48	Manuel White(MT)	7-15-89
74	139'1	42.40	Bill Morales(CA)	5-25-91
75	135'3	41.24	Manuel White(MT)	8-17-91
76	126'4	38.52	Gerhard Schepe(GFR)	12- 5-87
	126'4	38.50	Bill Morales(CA)	9-19-93
77	120'10	36.84	Manuel White(MT)	7-31-93
78	103'6	31.54	Emery Curtice(CA)	5-18-85
	p106'8	32.52	Lee Todd(NB)	8-12-93
79	114'3	34.84	Gerhard Schepe(FRG)	7-21-91
	100'1	30.50	Jack Wood(NC)	7- 7-91
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	106'7	32.50	Gerhard Schepe(FRG)	10- 9-93
	83'1 3/4	25 34	Emery Curtice(CA)	8 1 89

83	83'3 1/4	25.38	Ken Carnine(CA)	6-22-91
84	76'1 1/2	23.20	Ken Carnine(CA)	8-16-92
85	82'4 1/4	25.10	Masami Okazaki(JPN)	6-24-90
	79'11 1/2	24.37	Ken Carnine(CA)	5-30-93
86	75'3 1/4	22.94	Masami Okazaki(JPN)	7-21-91
	59'1	18.01	Herbert Anderson(CO)	8- 4-88
87	64'1	19.53	Herbert Anderson(CO)	9- 2-89
88	69'9	21.26	Masami Okazaki(JPN)	10- 9-93
	62'1 1/2	18.93	Herbert Anderson(CO)	8- 4-90
89	52'5 1/4	15 98	Buell Crane(ID)	8- 1-89
90	57'2	17.42	Buell Crane(ID)	7-28-90
91	32'5	9.88	John Whittemore(CA)	10-19-91
	p33'4 3/4	10.18	P. Singh Azad(IND)	- -84
92	47'2	14.37	Collister Wheeler(OR)	7-27-85
93	40'11 1/4	12.48	Buell Crane(ID)	8-12-93
95	46'10	14.27	Collister Wheeler(OR)	7-23-88
96	39'0	11.89	Collister Wheeler(OR)	7- 1-89
	p65'2	19.86	Joginder Singh(((IN)	- -88
97	33'10 1/4	10.32	Tom Lane(CA)	5-23-92
98	25'7 1/4	7.80	Tom Lane(CA)	8-16-92
99	69'5	21 16	Joginder Singh(((IN)	7-21-91

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
	45'8 1/2	13.93	Steward Thomson(CA)	1-18-92
59	48'6 3/4	14.80	Steward Thomson(CA)	12- 5-92
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	34'6 1/2	10.53	Len Olson(VT)	9-12-93
63	48'4	14.73	Cliff Blair(MA)	10- 9-93
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	23'10 1/4	7.27	Nolan Fowler(TN)	9-21-91
78	20'3	6.17	Arnolds Ticmanis(CAN)	5- 5-84
	18'4 1/2	5.60	Nolan Fowler(TN)	10- 3-92
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	21'1 1/2	6.44	James York(CA)	9-18-93
81	20'4 1/2	6.21	Leon Joslin(WA)	3-28-93
82	16'1	4.90	Gordon Powell(FL)	9-21-91
83	15'8 1/4	4.78	Gordon Powell(FL)	10- 3-92
84	14'10	4.52	Everett Hosack(OH)	9-14-86
85	13'7 1/2	4.15	Everett Hosack(OH)	2-27-88
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	61'7	18.77	Cliff Blair(MA)	10- 5-91
62	61'5	18.72	Cliff Blair(MA)	10- 4-92
63	50'0	15.24	Cliff Blair(MA)	1- 8-93
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	46'11	14.30	Max Carr(NZL)	3-13-92
	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	41'7 1/2	12.69	Thomas McDermott(FL)	12-22-90
73	41'1	12.52	Nolan Fowler(TN)	2-22-87
74	37'1	11.30	Thomas McDermott(FL)	12-19-92
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	37'0 1/2	11.29	Manuel White(MT)	8-28-93
78	31'5 1/4	9.58	Nolan Fowler(TN)	5- 2-92
79	29'8 1/4	9.05	William Koski(CAN)	8-20-89
	26'6 1/2	8.09	James York(CA)	4-24-93
80	25'11	7.90	Leon Joslin(WA)	9- 5-92
81	27'11 3/4	8.53	Leon Joslin(WA)	9-25-93
82	24'10	7.57	Karsten Brodersen(CHL)	8- 7-89
	22'8	6.91	Gordon Powell(FL)	12-29-91
83	20'0 1/2	6.11	Gordon Powell(FL)	10- 3-92
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	16'8	5.08	Burt Degroot(CA)	3-21-93
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
89	16'4	4.98	Everett Hosack(OH)	1-11-92
90	13'11	4.24	Everett Hosack(OH)	2-24-93
91	15'4 1/4	4.68	Everett Hosack(OH)	7-24-93

DECATHLON

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

35	7547	Werner Von Moltke(GFR)	5-12-72
	6210	Rodney Atherton(FL)	4-10-91
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	3323	Barry Kline(PA)	8- 9-91
52	3852	Fred Gallardo(CA)	6- 9-83
53	3112	Barry Kline(PA)	8- 6-93
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	2455	Darrold Skartvedt(WA)	12- 8-90
60	2612	Darrold Skartvedt(WA)	12-14-91
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
74	1060	Ham Morningstar(MI)	6-22-91

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	5705	Rex Harvey(IA)	6-22-91
45	5890	Rex Harvey(IA)	7-18-91
	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	5093	Gary Miller(CA)	3-16-91
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	3646	Phil Mulkey(GA)	6-22-91
59	3890	Jack Greenwood(KS)	6- 8-85

DECATHLON

(33",8#,1Kg,600g) 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	1652	Adolf Koch(FRG)	9-11-93
	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	704	Claude Hills(PA)	7-10-93
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
88	212	Herbert Anderson(CO)	7-13-91

PENTATHLON

(2Kg,800g) 1985 IAAF scoring tables

35	3784	Silviu Hodos(FRA)	4-17-83
	3410	Mike Hill(CO)	8-30-86
36	3554	Werner Schallau(FRG)	10- 6-74
	3374	Mike Hill(CO)	6-20-87
37	3361	Werner Schallau(FRG)	10-12-75
	2855	Rex Harvey(IA)	8-21-83
38	3326	Werner Schallau(FRG)	7-19-77
	2864	Sammy White(GA)	4- 2-76
39	3464	Werner Schallau(FRG)	10-16-77
	3377	Frank Reilly(CA)	6-20-87
40	3510	Werner Schallau(FRG)	9-24-78
	2927	Sammy White(GA)	5- 5-78
	w3135	Rex Harvey(IA)	7-13-86
41	3350	Werner Schallau(FRG)	7-30-79
	2992	Frank Reilly(CA)	7-20-89
42	3361	Werner Schallau(FRG)	10-26-80
	2912	Brayton Norton(CA)	7- 2-72
43	3184	Werner Schallau(FRG)	7-17-82
	3033	Gary Miller(CA)	8-16-81
44	3044	Werner Schallau(FRG)	10- 3-82
	2942	Gary Miller(CA)	6-19-82
	p3067	Gary Miller(CA)	8- 8-82
45	3117	Gary Miller(CA)	9-30-83
46	3031	Roy Williams(NZL)	1-10-81
	2874	Gary Miller(CA)	5- 4-84
47	2890	Gary Miller(CA)	4-13-85
48	2852	Gary Miller(CA)	5- 2-86
	w2869	Gary Miller(CA)	7-13-86
49	2847	Gary Miller(CA)	6-20-87
50	2361	Helmut Fackler(FRG)	8-30-81
51	2456	Helmut Fackler(FRG)	9- 4-82
58	1079	Jim Craine(HI)	11-12-78
59	1134	Martin Legett(TX)	5- 4-81
60	1295	Bob Richards(TX)	11-22-86
61	1048	Jim Minah(CA)	3- 1-81
62	1526	Hans Schneider(FRG)	9-27-76
	914	Bill Pacheco(HI)	11-12-78
63	1489	Hans Schneider(FRG)	7- 3-77
68	787	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	2747	Gary Miller(CA)	7- 1-89
52	2660	Helmut Fackler(FRG)	9-29-83
	2486	Gary Miller(CA)	8- 2-90
53	2454	Vaclav Bartl(SWE)	7-30-79
	2191	Bob Sieben(CA)	7-30-79
	w2573	Helmut Fackler(FRG)	8-24-84
54	2514	Helmut Fackler(FRG)	6-27-85
	2146	Dale Lance(OK)	7-13-92
55	2277	Gerd Drewniak(FRG)	8- 1-86
	2238	Boo Morcom(NH)	4- 2-77
	w2304	Werner Krucken(FRG)	8-24 84
56	2547	Boo Morcom(NH)	8-12-77
57	2391	Matti Jarvinen(FIN)	9-29-83
	1846	William Daprano(US)	9-29-83
58	2272	Rudy Hochreiter(AUS)	6-25-85
	1914	Bill Morales(CA)	8-12-75
59	1882	Matti Jarvinen(FIN)	6-25-85
	1807	C Johannesmeyer(NC)	4- 2-77
	p1910	Gordon Albury(NM)	6- 4-88
60	1008	Charles McMahon(CA)	8-10-75
61	1438	George Braceland(PA)	8-12-75
62	1925	Charles Beaudry(TX)	7-24-81
63	1249	Claude Hills(PA)	8-12-75
67	1343	Ken Carnine(CA)	8-10-75
68	559	Albert Brosz(CAN)	8-12-75
69	1440	Boo Morcom(NH)	8 2-90
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
	2127	Bill Morales(CA)	8-12-77
61	2346	Rudy Hochreiter(AUS)	12- 3-87
	2283	John Alexander(TX)	5- 8-81
62	2336	Walter Schreiber(FRG)	9-29-83
	1949	Bill Morales(CA)	7-30-79
63	2022	Matti Jarvinen(FIN)	7-20-89
	1707	Bob Sieben(CA)	7-20-89
64	1995	Gudmund Skrivervik(NOR)	6-23-85
	1813	Boo Morcom(NH)	8-31-85
65	2028	Gudmund Skrivervik(NOR)	7-31-86
	1926	Boo Morcom(NH)	5- 4-86
	w2027	Boo Morcom(NH)	7-13-86
66	1988	Boo Morcom(NH)	6-20-87
67	1664	Klaus Langer(FRG)	9-29-83
	1567	C. Johannesmeyer(NC)	5- 5-85
68	1698	Adolf Koch(FRG)	8- 4-85
	1464	Claude Hills(PA)	7- 4-80
69	1709	Adolf Koch(FRG)	9-28-86
	1142	George Braceland(PA)	7-23-83
	p1425	Bill Carter(US)	7-13-92
70	1685	Adolf Koch(FRG)	12- 3-87
	1448	Boo Morcom(NH)	7- 4-91
71	1604	Walter Schreiber(FRG)	9-13-92
	1384	Bill Morales(CA)	12- 3-87
	w1461	Gilberto Gonzalez(FL)	5- 5-85
72	1427	Gilberto Gonzalez(US)	6-22-85
	848	Bob Boal(NC)	5- 4-84
73	1113	Claude Hills(PA)	8-30-85
	w1445	Gilberto Gonzalez(US)	7-13-86
74	1289	Gilberto Gonzalez(US)	6-20-87
	1023	Ken Carnine(CA)	6-19-82
75	1260	Francisco Colon(PUR)	10-19-91
	911	Herbert Anderson(CO)	8-12-77
76	1104	Adolf Koch(FRG)	9- 5-93
	874	Milo Lightfoot(OH)	5- 4-90
	w 927	Claude Hills(PA)	6-26-88
77	963	Walter Streubel(FRG)	7-31-86
	935	Ken Carnine(CA)	6-22-85
78	807	Gilberto Gonzalez(US)	10-19-91
	648	Herbert Anderson(CO)	1-11-81
79	872	Karsten Brodersen(CHL)	7-31-86
	713	Herbert Anderson(CO)	9- 5-81
80	869	Karsten Brodersen(CHL)	12- 3-87
	699	Herbert Anderson(CO)	9- 4-82
	p 705	Ken Carnine(CA)	7-16-88
81	553	Herbert Anderson(CO)	9-28-83
82	580	Masami Okazaki(JPN)	12- 3-87
	532	Herbert Anderson(CO)	9- 1-84
83	495	Herbert Anderson(CO)	8-31-85
84	343	A. E. Pitcher(IN)	5- 4-86
85	570	Ken Carnine(CA)	6-19-93
88	280	Herbert Anderson(CO)	8- 2-90
89	198	A. E Pitcher(IN)	7- 4-91

EXPLANATION OF THE AGE GRADED DECATHLON SCORES

The table below (published by Rodney Charnock, former chairman of the multi-event scoring committee) is used to correct any performance to the 1991 WAVA implement and distance standards. The five year age factors and the 1985 IAAF Scoring Tables are then used to convert the corrected marks to an age graded score for each event. The five year age factors are given in **MASTERS AGE-GRADED TABLES.** Both tables can be ordered from **NATIONAL MASTERS NEWS.**

SCORING EXAMPLE: In setting his age 50 World Best in 1988, Gary Miller threw the 1.6 kilogram discus instead of the 1.5 kilogram discus that WAVA specifies for his age group. His throw of 40.78 meters with the slightly heavier discus must first be corrected by using the factor 1.030 from the tables above (in the 'Actual Weight Used' column find the 1.6K that he threw and move across horizontally to 1.5K which is the weight that he should have thrown had it been available). This gives an equivalent performance of 40.78 times 1.030 or 42.00 meters. Always remember to round down distances of throws and jumps to the next lower centimeter and round up track times to the next higher hundredth (in other words, never give a rounding advantage to the performance or score). Thus 42.00 meters is then corrected by multiplying this by the M50 age factor of 1.125 to obtain an age factored performance of 47.25 meters. This is then looked up in the 1985 IAAF scoring tables and found to be worth 813 points (if the exact performance is not in the table be sure to give the lower score not the closest score).

REMINDER New records must be set with current certified WAVA standard implements and distances. In addition, all TAC and WAVA requirements must be met such as both track and field certified and wind meter readings where required. They must be submitted on the proper forms to the TAC and WAVA Masters Records Chairman: Pete Mundle (address on page 3)

If you believe there are errors in the age graded decathlon list such as incorrect implement weights, hurdle heights or distances or event marks, contact Rex Harvey (address on page 3) If you are aware of a performance that exceeds or comes close to (within 200 points)of those listed, please send the official meet results and any substantiation available relative to the implements used and distances run to Rex.

NON-STANDARD IMPLEMENT AND DISTANCE CORRECTIONS

SHOTPUT:

		WAVA WEIGHT REQUIRED			
		4K	5K	6K	16#
ACTUAL WEIGHT USED	8#	960	.883	.803	715
	4K	1.000	.920	.837	745
(take actual	5K	1 087	1.000	.910	.810
distance thrown	12#	1 134	1.043	.949	.845
times this	6K	1.195	1 099	1 000	.890
factor)	16#	1.342	1 235	1.124	1.000

DISCUS:

		WAVA WEIGHT REQUIRED		
		1.0K	1.5K	2.0K
ACTUAL WEIGHT USED	1.0K	1.000	.849	.730
(take actual	1.5K	1.178	1.000	.860
distance thrown	1.6K	1.218	1.030	.890
times this	2 0K	1.370	1 163	1 000
factor)				

HURDLES:

		WAVA DISTANCE/HEIGHT REQUIRED				
		80M/30"	100M/33"	100M/36"	110M/39"	110M/42"
ACTUAL DISTANCE/HEIGHT USED	80M/30"	1.000	1.304			
	80M/33"	.975	1.272			
	80M/36"	.950	1.240			
(take actual time	80M/39"	.925	1.208			
ran times this	80M/42"	.900	1.177			
factor)	100M/30"	.906	1.025			
	100M/33"	.883	1.000	1.025		
	100M/36"	.861	.975	1.000	1.132	1.159
	100M/39"	.838	.950	.975	1.104	1.132
	100M/42"	.815	.925	.950	1.076	1.104
	110M/30"	.712	.929			
	110M/33"	.694	.906	.929		
	110M/36"	.676	.883	906	1 025	1 050
	110M/39"	.659	.861	.883	1.000	1.025
	110M/42"	641	838	.861	975	1 000

AGE GRADED DECATHLON

(using 1991 WAVA standards and 1989 WAVA age factors based on 1985 IAAF scoring tables)

age	score	date	name(residence)	100m	lj	sp	hj	400m	hh	dt	pv	jt	1500m
30	8750	5JUN83	Guido Kratschmer(FRG)	10 83	7.65	15.96	2 00	48.81	14 37	47.18	4 60	62 48	4:26 91
	8592	11DEC69	Bill Toomey(CA)	10.3	7 76	14.38	1.93	47 1	14.3	46.48	4.27	65.74	4:39.4
31	8719	9JUN84	Guido Kratschmer(FRG)	10.63	7.15	16.67	1.98	49.07	14.15	46 48	4 80	67 52	4 45.75
	8163	23MAR78	John Warkentin(CA)	11.1	6.80	13 93	1 95	48.9	14.4	51 14	4 28	61 68	4 29.3
32	8803	22JUN84	Yury Kuzenko(URS)	11.07	7 54	15 11	2.13	49.07	14.94	50.38	4 60	61.70	4:12.68
	8035	20MAY79	John Warkentin(CA)	11.2	6 71	14.89	1.92	49.7	14.4	47 44	4.30	62 46	4:32 7
33	8805	25MAY86	Guido Kratschmer(FRG)	10.82	7 76	16.62	1.93	48.75	14 09	48.42	4.60	63.82	4:32.36
	7773	25APR71	Tom Waddell(CA)	11.4	7.33	15.07	1.96	51.7	15.8	45.62	4.20	62.96	4:49.2
34	8281	27APR84	Fred Dixón(CA)	10.88	7 27	14.52	1.95	48.43	14.8	45 48	4.70	57.26	4:37.8
35	8278	13MAY72	Werner Vonmoltke(FRG)	11 0	6.72	14.61	1.88	52.5	15.1	48 70	4.30	63 46	5 2.5
	7587	20JUN82	Rex Harvey(IA)	11 1	6.39	12.75	1.75	51 7	16.2	39.34	4.50	54.16	4 54.3
	7620*	26JUL86	Mike Hill(CO)	11 4	6.93	11.81	1.85	51.5	15.0 110/39	36.18	3.80	48.58	4:22.0
36	7950	21SEP80	Lennart Hedmark(SWE)	11.4	6.51	14.53	1.80	52.5	14.9	45.74	4 00	73 74	5:29.7
	7246	20JUN83	Rex Harvey(IA)	11.3	6.32	12.85	1.78	53 9	16.5	39.69	4.42	50 97	5 13.6
	w7389*	11JUL87	Mike Hill(CO)	11.5	6.65	11 57	1.85	52.9	15.3 110/39	36.26	3.90	53.09	4:42.5
37	8040	13SEP81	Lennart Hedmark(SWE)	11.85	6.76	14.50	1.81	52.16	15 02	42.44	4.20	72.20	5:17.08
	6056	16MAR84	Dave Robinson(CA)	12.1	5 51	11 24	1.60	55.2	17.8	30 59	3.55	44.75	4:42.1
	6147*	28JUN80	Dennis Stempel(CA)	11.8	5 97	11 24	1.70	56.3	16.5 110/39	32 18	4 16	50 48	6:29.5
38	8132	8AUG82	Lennart Hedmark(SWE)	11.58	6.62	14.38	1.80	52.62	15.33	42 76	4.25	76 94	5: 9.85
	7130	7JUL84	Rex Harvey(IA)	11.6	6 17	12 58	1.80	54.2	16.7	40 76	4.40	49 31	5 9.0
39	7946	28AUG83	Lennart Hedmark(SWE)	12.04	6.64	14 06	1.84	53.22	15.16	42.88	4.30	72.72	5:20.78
	6530	17MAY74	Robert Lawson(USA)	11.8	6 45	12.68	1.67	55 1	16.5	38.53	2.89	51 14	5 16 4
	7332*	15JUL89	Mike Hill(CO)	11.6	6.27	11.85	1.82	52.6	15.3 110/39	39.02	3.70	51.68	4:30.1
40	7837*	8OCT78	Werner Schallau(FRG)	11.2	6.60	13 57	1 73	51.7	18.2 110/42	41.84	3 40	52 70	4:51 1
	7689	26JUL86	Rex Harvey(IA)	11.5	6.00	12 08	1 75	53 4	16 5	39.92	4.57	49 50	5 22.0
41	8014	7JUN81	Wolfgang Linkmann(CA)	11 6	6.41	14.37	1.80	55 2	15.2	44.22	3.90	53 86	5:19.2
	6855	2AUG74	Harvey Schellenberg(CA)	12.1	6.03	11.09	1 74	55.7	17.4	32 58	3.37	49 28	5: 1.3
	7119*	5JUL75	Bruce Hescock(CT)	12.2	6.46	11.57	1.72	55 9	17 0 110/36	35 90	3.93	46.20	5: 6 0
	w7026	11JUL87	Rex Harvey(IA)	11.5	5 73	12.00	1.60	55.2	16.3	36.84	4.50	45.50	6: 7 2
42	7268	8JUL88	Rex Harvey(IA)	11.5	6.09	11.64	1.67	54.5	16.5	37.30	4.25	45.26	5:30.2
43	7692	27JUL89	Rex Harvey(IA)	11.85	6.26	12 09	1.73	54.08	15.6	39 71	4.30	50 94	5:28.06
44	6913	22JUN91	Rex Harvey(IA)	12.14	5 93	11 57	1.65	55.48	16 93	35 40	3.97	45 06	5:32.32
45	7820	18JUL91	Rex Harvey(IA)	12 07	6.01	11 07	1.68	54.59	17.13	37 02	4.20	47.06	5:28.24
	7933*	2FEB80	Roy Williams(NZL)	11.7	6.46	11.85	1.72	55.1	16.5 110/42	43.66	3.50	45.34	5 44.5
	w8058*	9SEP79	Valbjorn Thorlaksson(ICE	11.4	5.86	11.87	1.70	54.2	15 1 110/42	35.60	4.20	50.60	6: 6.0
46	7307	7JUL84	Dale Lance(OK)	11.8	6.00	9 05	1.65	56.3	15 9	30 14	3.80	40 00	5:15.0
	7938*	2FEB80	Roy Williams(NZL)	12 06	6.28	12 08	1.69	53.90	16.82 110/42	43.44	3.40	45 62	5:29.7
47	7520	17MAR85	Gary Miller(CA)	11.6	6.04	11.20	1.60	53.3	16.6	31 78	2.95	47.64	4:56 1
48	7318	31MAY86	Gary Miller(CA)	11 9	6.05	10.22	1.65	54 4	18 0	34 56	3.10	48 64	5: 7.7
49	7507	24JAN87	Gary Miller(CA)	12 0	5.94	10.62	1.60	54.1	17 0	32.46	3 45	49.00	4:54.3
50	7474	18JUL91	Kyosti Marila(FIN)	12 30	5 93	10.34	1.55	57.01	16.61	36.80	3 10	41.66	5:13.92
	7309	27JUL89	Thomas Blodgett(NY)	12.59	5.16	10.43	1.49	60.20	14.66	36 48	3.60	47.52	5:55.15
	8593*	27MAY88	Gary Miller(CA)	12.0	5.96	12.87	12 1.65	53.6	15.9 110/33	40 78	1.6 3.70	47 14	5: 0.4
51	8044	27JUL89	Gary Miller(CA)	12.18	5.98	11.30	1.57	56 45	15.30	40.30	3.70	45.78	5:34.69
52	7489	15JUL90	Gary Miller(CA)	12.2	5.63	12.15	1.55	57 9	16.4	36.44	3.30	48.12	5:40.8
53	7520	26JAN91	Gary Miller(CA)	12 72	5.63	12.81	1.55	57.54	16.37	35.46	3 70	41.74	5:41.90
	8328*	16MAR91	Gary Miller(CA)	12.3	6.03	13 08	1.60	56.1	15.6 110/36	36.36	1.6 4.00	44.46	5:29 4
54	7474	18JUL91	Werner Schallau(FRG)	12 71	5 74	13.62	1.61	59.67	16.86	42 20	3.20	48.80	6:20.24
	7366	21MAR92	Gary Miller(CA)	12.72	5.52	12 53	1.50	57.32	17.46	37 18	3.80	41.32	5 44.07
55	7672	27JUL89	Ilpo Sopanen(FIN)	12 99	5 41	11 70	1 49	62.59	16.28	34 60	3.40	45.02	6:25.86
	7192	27JUL89	Leon Trout(NJ)	12.84	5.19	9 89	1.45	60.90	16.17	35 25	2.60	36.86	5:52.84
	8346*	11JUL76	Boo Morcom(NH)	12.6	5 95	10 95	12 1.51	58.6	17.9 110/33	32 97	1.6 4 03	36.52	5: 7.9
56	7796	17JUN89	Phil Mulkey(GA)	13.30	5 41	12 26	1.55	63 50	15.99	37.49	3 80	38.68	6:31.5
57	7311	18JUL91	Ilpo Sopanen(FIN)	13.21	5.33	11 55	1.46	65 57	16.75	33.08	3.50	41.74	6:30.21
	6900	15JUL90	Phil Mulkey(GA)	14.1	5.02	12 10	1.49	67 1	16.5	35 38	3.66	37.06	7:11 0
58	7139	22JUN91	Phil Mulkey(GA)	13.90	5 25	12 21	1 52	66.51	16.69	36.44	3.31	37.26	6:35 21
59	6699*	8JUN85	Jack Greenwood(CO)	12.2	4 93	8.77	12 1.42	62.9	16.6 110/36	24 93	1.6 2 74	27.89	5:48.1
60	6730	28JUL89	Martti Kamila(FIN)	14.14	4 48	10 92	1.33	68.13	21.18	41.88	2.50	42.74	5:52.05
	7625*	7DEC75	Dutch Warnerdam(CA)	14.0	4.64	13.40	8 1 52	65.8	19.6 110/30	43.34	3.20	37.70	5:48.7
	w8347	10JUL93	Phil Mulkey(GA)	13.2	5.22	13 90	1.56	63.3	15.3	47.40	3.20	34 68	6:43.6
	w8251	14APR93	Phil Mulkey(GA)	13.23	5.29	14 49	1.58	65.24	15.66	40.99	3.25	37.94	7: 9.24
61	6135	27JUL89	Al Brenda(CA)	14.15	4.40	8.62	1.33	66.37	19.39	29.84	2.80	26.56	6:10.71
	8004*	29AUG82	Boo Morcom(NH)	13.6	5.32	12.01	8 1.50	62.5	18.0 110/30	38.00	3.58	32.11	5:49.8
62	7379	27JUL89	Rudi Hochreiter(AUS)	13 18	4.82	11.53	1.41	63.21	19.62	41.46	2.30	42 12	5:48.33
	7061	27JUL89	Buck Bradberry(AL)	13.49	5.14	10.13	1.41	67.05	16.12	33.76	2.70	28 70	6:23.56
	7134*	8DEC73	Bud Deacon(OR)	14.0	4.66	10 56	8 1.35	62.4	18.8 110/30	30.80	3.10	31.01	5:12.8
63	7056	27JUL89	Vaclav Bartl(WE)	13.42	4.89	10 53	1.29	62.32	17.28	38.36	2.40	27.34	5:45.40
	6763	15JUL90	Buck Bradberry(AL)	13.5	4.89	10 20	1.34	68.3	16.3	33.44	2.65	32.28	6:34 3
	7743*	22SEP84	Boo Morcom(NH)	13.7	5 10	11.89	8 1 42	64.3	17 9 110/30	36.62	3 74	29.80	5:47.6
64	5329	15JUL90	Richard Nordquist(OR)	15.2	3 61	10 03	1 22	71.6	19 1	29 92	2.75	31 72	7:14.6
	7906*	3DEC85	Boo Morcom(NH)	14 0	5 12	12 02	8 1.41	67 7	18.4 110/30	41.10	1.6 3.50	31.98	5:22.5
65	7613	27JUL89	Pekka Penttila(FIN)	13 91	4 49	10 48	1.33	64 50	19 54	29.46	2.70	36.26	5 45.83
	8125*	AUG86	Boo Morcom(NH)	14 1	5 04	11 94	8 1 43	67 0	18 4	38.32	3 35	30 12	6 15 6
66	7427*	20JUN81	Ian Hume(CAN)	14 9	4.87	10 97	4 1 45	72 6	20 4 110/33	35.86	2 80	39 48	7: 4 8
	7056*	19SEP87	Boo Morcom(NH)	14.86	4 71	10 77	8 1 44	68.88	21 3 110/30	33 26	2 74	27 63	6:42 0
	w8155*	11JUL87	Boo Morcom(NH)	14 2	5 17	11 28	1 47	65 4	18.5 100/30	32 72	3.50	29 80	6:26 7
67	7353	11SEP93	Denver Smith(OH)	14 53	4.62	9 22	1 39	69 5	17 83	39 02	2.70	31 90	6:50.73
68	7053	27JUL89	Boo Morcom(NH)	15 06	4 48	10 52	1 33	70 70	18.93	33 00	3 10	25 74	6:35 22

69	6873	15JUL90	Boo Morcom(NH)	14.6	4.67	8.40	1 46	69 4	19.7	31.22	3.17	22.04	7: 9.4
	7025*	31JUL82	Gilberto Gonzalez(PUR)	13.32	4.61	10.52	4 1.27	67.8	19.07 110/30	32.83	2.52	27.85	7:30.6
70	8412	18JUL91	Gudmund Skrivervik(NOR)	14.79	4.62	12.55	1.41	68.82	15.47	36.20	2.40	32.22	6: 9.43
	7680	23JUN91	Boo Morcom(NH)	15.26	4.46	10.02	1.37	72.01	14.99	30.20	2.95	26.34	6:57.72
	7703*	22SEP91	Boo Morcom(NH)	15.14	4.55	10 19	5 1.35	74.11	15.17	29.74	2.90	28.50	7: 4.0
71	6287	18JUL91	Karoly Hankisz(HUN)	15.45	3.75	9 93	1.26	75.59	18.53	29.24	2.00	26 28	6:42.62
	7739*	7JUL84	Gilberto Gonzalez(PUR)	14.2	4.49	11.43	8 1.32	68.6	19.7 110/30	31.32	2.30	32.20	7:41.0
	6511*	22MAY82	Bud Deacon(OR)	16.4	3.46	6.94	8 1.20	77.1	16.5 110/30	27.37	2.44	23.80	6:34.4
72	6333	27JUL89	Adolf Koch(FRG)	15.13	4.24	11.26	1.25	79.25	19.49	36.56	0.00	35.51	7: 7.36
	6146	27JUL89	Hamilton Morningstar(MI)	16.31	3.60	11.13	1.33	83.75	19.46	33.42	2.20	29.73	7:20.97
	w7422*	14SEP85	Gilberto Gonzalez(PUR)	13.3	4.62	11.24	8 1.30	69.8	20.3 110/30	30.68	2.50	30.12	0: 0.
73	6470	15JUL90	Dan Bulkley(OR)	14.9	3.80	8.25	1.18	69.5	15.8	23.70	1.95	20.48	5:48.1
	7546*	26JUL86	Gilberto Gonzalez(PUR)	13.7	4.46	10.35	1.25	68.1	20.5 110/30	32.82	2.30	29.62	7:49.5
	6009*	4AUG85	Claude Hills(PA)	15.2	4.16	7.85	8 1.27	81 1	23.0 110/30	28.16	2.13	23.80	7:45.7
74	5692	27JUL89	Ian Hume(CAN)	16.52	3.97	9.57	1.37	88.80	18.16	28.70	2.40	30.80	0: 0.
	5773*	8APR77	Herbert Anderson(CO)	14.6	3.83	9.67	8 1.27	72.8	25.3 110/30	27.43	0.00	22.42	7: 4.0
	w6090	11JUL87	Gilberto Gonzalez(PUR)	14.1	4.24	10.11	1.25	72.3	20.3	29 77	2.29	26.31	0: 0.
75	6409	18JUL91	Reino Taskinen(FIN)	16.01	3.39	9.62	1.23	84.20	15.58	21 24	2.00	21.24	8: 3.90
	6153	27JUL89	Milo Lightfoot(OH)	16.11	3.33	8.91	1.12	78.99	20.51	22.18	2.00	24.24	7: 2.21
	6677*	25MAR78	Herbert Anderson(CO)	14.6	3.48	9.40	8 1.30	72.8	27.0 110/30	27.48	1.60	23.68	8: 9.6
76	6506	27JUL89	Gilberto Gonzalez(PUR)	15.24	3.85	8.95	1.21	77.98	17.55	26.50	1.90	22.68	9:25 54
	6483*	5AUG78	Herbert Anderson(CO)	15.5	3.92	9.39	8 1.25	78.1	25.8 110/30	25.38	1.50	26.49	8:24.1
	w6938	10JUL93	Dan Bulkley(OR)	15.2	3.31	7.72	1.17	73.0	16.1	23.24	2.20	19.52	6:24.2
77	6419	27JUL89	Claude Hills(PA)	16.04	3.80	7.38	1.18	87.37	16.85	26.96	2.00	24.36	7:42.02
78	5915	15JUL90	Claude Hills(PA)	16.2	3.53	7 96	1.18	87.0	17.7	25.66	2 05	22.10	8:40.0
79	5659	18JUL91	Vittorio Colo(ITA)	15.05	3.51	7.60	1.11	88.65	18.11	21.68	1.70	21.62	8:26 05
	5331	22JUN91	Claude Hills(PA)	16.67	3.38	6 70	1.10	91.08	18.36	25.12	1.95	21.20	8:50.58
	5464*	26JUN82	Herbert Anderson(CO)	16.7	3.20	8.22	8 1.13	87.7	27.5 110/30	24.48	1.55	25.67	7:46 4
80	6567*	29AUG82	Herbert Anderson(CO)	15.9	3.10	7.94	8 1 20	77.7	21.0	22 19	0.00	29.71	7:41.8
81	4198	18JUL91	Erkki Haapalainen(FIN)	18.76	2.77	5 30	0.93	90.26	30.34	15 48	1.60	14.38	7:58.86
	3591*	1DEC79	Walt Wesbrook(USA)	19 6	3.07	8.20	8 1.10	120 0	110/30	13.37	1 70	13 77	0: 0.
	w5272	10JUL93	Claude Hills(PA)	17 4	3.16	6.52	1.11	96.1	19.8	25.16	1.60	19.36	0: 0.
82	5108*	7JUL84	Arling Pitcher(IN)	17.0	2.97	6.21	8 1.12	91.0	26 1 110/30	17.30	1.70	16 49	0: 0
83	2173*	6AUG83	Fred Keiser(PA)	21.7	2.32	5.99	8 1.06	133.1	110/30	12.95	0 00	10.56	16 12.3
84	3671	27JUL86	Arling Pitcher(IN)	18.0	2.42	6 72	1.00	99.7		16.22	1.60	16 22	13:42.8
85	2636	13JUL88	Herbert Anderson(CO)	21.2	1.81	6.61	0.96			13.56	0.00	13.84	0: 0.
	3662*	19SEP87	Arling Pitcher(IN)	19.66	2.08	5 93	8 1.01	113.88	110/30	15.76	1.57	12.44	0: 0.
86	3366	24SEP88	Arling Pitcher(IN)	20.2	2.15	5.07	1.00	127.0		15.20	1.52	12.47	11:58.5
87	3539	17JUN89	Arling Pitcher(IN)	19.43	1.93	5.73	1.00	121 7		13.18	1.52	14.04	11:43.8
88	2636	13JUL91	Herb Anderson(CO)	21 2	1.81	6.61	0.96			13.56	0.00	13.84	0: 0.
89	1782	22SEP91	Arling Pitcher(IN)	25.64	1.45	3 62	0.81	157 6		11.17	0.96	15.13	13 42.1

note: * indicates non-standard implements or distances
w indicates a wind aided performance
times recorded with one decimal digit indicate hand timing
times recorded with two decimal digits indicate fully automatic timing
shotput: 16 = 16 pounds, 12 = 12 pounds, 8 = 8 pounds, 4 = 4 kilograms, 5 = 5 kilograms
discus 2.0 = 2 kilograms, 1 6 = 1.6 kilograms
hurdles 110 = 110 meters, 42 = 42", 36 = 36", 33 = 33", 30 = 30"

WOMEN'S TRACK & FIELD

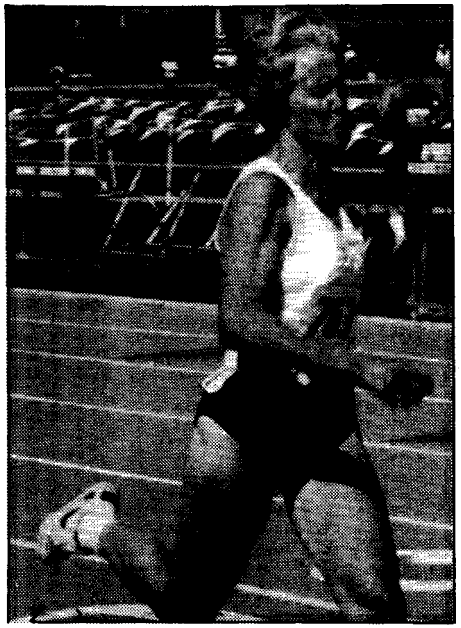
100 YARDS

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	11.07	Evelyn Ashford(US)	5-28-92
	w10 94	Evelyn Ashford(US)	7-21-92
36	11 57	Evelyn Ashford(US)	6-25-93
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
	12.73h	Phil Raschker(GA)	7-20-91
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
	13.52	Marylin Mitchell(NY)	7-14-91
	w13.6	Joy McDonald(FL)	4- 9-89
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
	w13 42	Brunhilde Hoffmann(FRG)	10-15-93
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
	14.64	Marylin Fitzgerald(NJ)	7- 5-91
	w14.2	Carolyn Sue Cappetta(MA)	7-12-92
57	13 9	Irene Obera(CA)	5-18-91
58	14.1	Shirley Peterson(NZL)	2-22-87
	14.9	Marylin Fitzgerald(NJ)	6- 6-93
59	14.2	Shirley Peterson(NZL)	10-25-87
	14.80	Irene Obera(CA)	9-12-93
60	13 9	Shirley Peterson(NZL)	2-25-89
	15 03	Betty Vosburgh(GA)	7-21-91
61	14 2	Shirley Peterson(NZL)	2-25-90
	15 10	Betty Vosburgh(GA)	8-14-92



Carolyn Cappetta, Concord, Mass., won the W55 100 (15.35) and 400 (68.82) at the Nationals in Provo

Photo by Jerry Wojcik.

62	14 58	Ann Cooper(AUS)	7-21-91
	14.60	Shirley Peterson(NZL)	2- 3-91
	16 12	Patricia Peterson(NY)	4-30-88
	w16 09	Leonore McDaniels(VA)	8- 3-90
63	14.5	Shirley Peterson(NZL)	3-14-92
	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
	w14.67	Ann Cooper(AUS)	10-15-93
65	14.6	Paula Schneiderhan(FRG)	9-19-87
	15.8	Josephine Kolda(CA)	4-23-83
66	14 90	Paula Schneiderhan(FRG)	6-25-88
	15 77	Patricia Peterson(NY)	7-24-92
	w14.82	Paula Schneiderhan(FRG)	6-18-88
	w15.5	Patricia Peterson(NY)	7-12-92
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	15 27h	Paula Schneiderhan(FRG)	7-20-91
	16.53h	Mary Bowermaster(OH)	6-27-87
70	16.09	Anna Mangler(FRG)	10-15-93
	16.2	Polly Clarke(CO)	4-17-81
	w15.9	Gwen Davidson(AUS)	3-20-93
71	15.42	Paula Schneiderhan(FRG)	10-15-93
	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
	p16 69	Gunni Svensson(SWE)	10-15-93
	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 15	Isabel Saumier(CAN)	5-27-90
	17 20	Polly Clarke(CO)	7-18-86
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	18.41	Hanna Gelbrich(FRG)	10-15-93
	31 0	Marilla Salisbury(CA)	7-22-88
	w18.10	Polly Clarke(CO)	8- 3-90
81	20.44	Ruth Frith(AUS)	11- 3-90
	28.9	Marilla Salisbury(CA)	3- 5-89
82	19.32	Polly Clarke(CO)	8-14-92
83	26.0	Anna Ward(MO)	5-30-88
84	20.67	Ruth Frith(AUS)	10-15-93
	25 77	Anna Ward(MO)	6-21-89
85	43 98	Marilla Salisbury(CA)	8-12-93
	w26 3	Anna Ward(MO)	6- 2-90
86	31 7	Mary Ames(CA)	5- 7-89
87	48 40	Sarah Packham(GBR)	11- 3-90
	p33 1	Viola Glen(US)	5-31-80
88	37 2	Marion Higgins(CA)	8- 8-81

200 METERS

35	22 47	Evelyn Ashford(US)	8-13-92
36	22 5	Marina Stepanova(URS)	6-27-86
	23 57h	Evelyn Ashford(US)	10-10-93
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
	p26 95	Donna Settles(GA)	8-13-93
	w26 95	Phil Raschker(GA)	8- 4-90
44	26.0	Jan Hynes(AUS)	3-24-89
	26.2	Phil Raschker(GA)	6- 8-91
	w26.01	Phil Raschker(GA)	7- 6-91
45	26 2	Wendy Marie Ey(AUS)	3- 4-84
	26 3	Irene Obera(CA)	6-24-79
	w25 49	Lorraine Tucker(NY)	7-18-92
46	26.0	Jan Hynes(AUS)	1-26-91
	26.3pen	Phil Raschker(GA)	7-10-93
47	25.65	Jan Hynes(AUS)	10-19-91
	26.21	Irene Obera(CA)	1-13-81
48	27.16	Wendy Marie Ey(AUS)	4-17-87
	28.22	Marylin Mitchell(NY)	7-14-91
	w27.92	Marylin Mitchell(NY)	7- 6-91
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
	27 70h	Brunhilde Hoffmann(FRG)	10-10-93
55	28 48	Irene Obera(CA)	8- 3-89
56	28.5	Shirley Peterson(NZL)	3- 3-85
	29 8	Carolyn Sue Cappetta(MA)	7-12-92
57	29.5	Irene Obera(CA)	5-18-91
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
	30.18	Irene Obera(CA)	9-12-93
60	30 05	Ann Cooper(AUS)	10-22-89
	31.60	Betty Vosburgh(GA)	6- 6-92
	p30 0	Shirley Peterson(NZL)	- -89
	w31.19	Betty Vosburgh(GA)	7- 6-91
61	30.3	Ann Cooper(AUS)	4-15-90
	30.26	Paula Schneiderhan(FRG)	9-26-83
	31.26	Betty Vosburgh(GA)	8-15-92
	w30.15	Shirley Peterson(NZL)	8- 3-89
62	30 21	Ann Cooper(AUS)	7-25-91
	34 7	Josephine Kolda(CA)	8-17-80
63	30.6	Shirley Peterson(NZL)	3-15-92
	32.0	Patricia Peterson(NY)	6- 4-89
64	30.61h	Ann Cooper(AUS)	10-10-93
	34.1y	Josephine Kolda(CA)	5- 1-82
	w33 9	Josephine Kolda(CA)	8-14-82
65	32 0i	Joan Ogden(GBR)	3-20-93
	34.09	Patricia Peterson(NY)	7-25-91
66	31 12	Paula Schneiderhan(FRG)	6-18-88
	33 3	Patricia Peterson(NY)	7-12-92
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
	35.6	Mary Bowermaster(OH)	8-24-85
	35.56	Polly Clarke(CO)	7- 8-79
69	32.50	Paula Schneiderhan(FRG)	7-25-91
	36.30	Mary Bowermaster(OH)	6-27-87
70	33 42h	Anna Mangler(FRG)	10-10-93
	35.3	Polly Clarke(CO)	4-17-81
	p30.50h	L Poluschinsky(FRG)	10-10-93
	w35.23	Mary Bowermaster(OH)	12- 2-87
71	33.26h	Paula Schneiderhan(FRG)	10-10-93
	34.2	Polly Clarke(CO)	9- 6-81
72	34 7	Audrey Reid(RSA)	4-25-87
	38.73	Marie Stafford(OR)	7-25-91
	p32 83h	Diane Friedman(OH)	10-10-93
	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	41 22	Hanna Gelbrich(FRG)	10-10-93
	71.5	Elizabeth Kawelaske(MO)	6- 2-90
	w39 78	Polly Clarke(CO)	8- 4-90
81	55.6	Ivy Granstrom(CAN)	10-22-92
	73 28	Marilla Salisbury(CA)	8- 3-89
82	41 11	Polly Clarke(CO)	8-15-92
83	57.8	Anna Ward(MO)	5-30-88
	p56.92	Rosario Iglesias(MEX)	10-10-93
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
	60.7	Jody Murray(FL)	4-20-91
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
	61.45	Betty Clair-searcy(NY)	8-14-92
	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
	p60.85	Donna Settles(GA)	8-12-93
44	58.3	Jan Hynes(AUS)	3-24-89
	59.82	Phil Raschker(GA)	7- 5-91
45	57.8	Jan Hynes(AUS)	11- 7-89
	61.69	Irene Obera(CA)	7-30-79
46	30.99i	Pamela Duncan(CAN)	1- 8-93
	60.04	Phil Raschker(GA)	10-16-93
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	60 29	Marge Allison(NZL)	10-16-93
	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	62 89	Brunhilde Hoffmann(FRG)	7-27-91
	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	65.48	Carolyn Sue Cappetta(MA)	7-27-91
56	66.04	Carolyn Sue Cappetta(MA)	8-14-92
57	66.35	Carolyn Sue Cappetta(MA)	10-16-93
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	71.60	Betty Vosburgh(GA)	6- 1-91
60	69.00	Ann Cooper(AUS)	8- 5-89
	69 51	Betty Vosburgh(GA)	7-27-91
61	69.2	Ann Cooper(AUS)	4-13-90
	72.75	Betty Vosburgh(GA)	8-14-92
62	67.97	Ann Cooper(AUS)	7-27-91
	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
	81.8	Patricia Peterson(NY)	7-12-92
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
	83 78	Johnnye Valien(TX)	10-16-93
69	74.73	Paula Schneiderhan(FRG)	7-27-91
	87.37	Louise Adams(CO)	7-27-91
70	79.14	Anna Mangler(FRG)	10-16-93
	87.6	Polly Clarke(CO)	4-18-81
71	80.5	Audrey Reid(RSA)	4- 5-86
	89.86	Louise Adams(CO)	8-12-93
	p88.04	Diane Friedman(OH)	8-14-92
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	2 11 2	Ivy Granstrom(CAN)	10-23-92
	3:09 13	Marilla Salisbury(CA)	8- 5-89
82	2 13 57	Ivy Granstrom(CAN)	10-16-93
	3 25 75	Marilla Salisbury(CA)	8- 3-90
83	2 21 5	Anna Ward(MO)	5-30-88
	p1 58.88	Rosario Iglesias(MEX)	10-16-93
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	1:57.25	Doina Melinte(ROM)	6-28-92
	2:02.83	Ruth Wysocki(CA)	5-23-92
36	1:57.10	Lyubov Gurina(URS)	8-17-93
	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
	p2:00.52	Y. Podkopayeva(URS)	- -92
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
	2:19.4	Laurie Binder(CA)	8- 1-91
44	2:15.66	Judy Daly(AUS)	7-21-91
	2:21.75	Dee Dee Grafius(CA)	8-13-93
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	2:17.06	Judy Bandiera(AUS)	10-10-93
	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	2:22.6	Carolyn Oxton(GBR)	9-26-93
	2:32 12	Linda Upton(MA)	8-13-93
51	2:25.29	Shirley Matson(CA)	8-15-92
52	2 28.63	Walburga Klockers(FRG)	7-21-91
	2:33 9	Yvette La Vigne(CA)	6-13-92
53	2 35 70	Carolyn Cappetta(MA)	8- 1-89
	p2:31 61	Kristina Karlsson(SWE)	10-10-93
54	2 37 29	Ursula Astfalk(FRG)	8- 1-89
	2:40 3	Vicky Bigelow(CA)	9-16-89
55	2:37.42	Edeltraud Pohl(FRG)	7-21-91
	2:45.10	Jeanne Hoagland(CA)	8-15-92
56	2:39.7	Vicky Bigelow(CA)	7-18-92
57	2:41 5	Vicky Bigelow(CA)	6-12-93
58	2:43 71h	Jean Horne(CAN)	7-20-91
	2 49 9	Joyce Hals(MA)	7-13-91
59	2 44 54	Jean Horne(CAN)	8-15-92
	2 47.39	Joyce Hals(MA)	7-21-91
60	2 45.67	Jean Horne(CAN)	7-10-93
	2 51 0	Joyce Hals(MA)	7-24-92
61	2 52 47	Luise Haushofer(FRG)	6-27-88
	2:52.88	Marion Irvine(CA)	8- 2-91
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	3:06.61	Gunnel Lundkvist(SWE)	7-21-91
	3:13 32	Jaclyn Caselli(CA)	6-23-85
65	3:01 18	Shirley Brasher(AUS)	4-19-92
	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	3:21.33	Louise Adams(CO)	7-21-91
70	3:24.80	Gerry Davidson(CA)	7-21-91
71	3:14 90	Britta Tibbling(SWE)	8- 1-89
	3:34 07	Louise Adams(CO)	8-13-93
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 39 25	Johanna Luther(FRG)	7-21-91
	3 58.41	Pearl Mehl(CO)	9- 1-91
78	3:58.5	Bess James(CA)	6-18-88
79	4 15 07	Bess James(CA)	8- 1-89
80	3:54.81	Johanna Luther(FRG)	10-10-93
	6:31 7	Marilla Salisbury(CA)	7-23-88
81	4:43 2	Ivy Granstrom(CAN)	10-21-92
	6:55 25	Marilla Salisbury(CA)	8- 1-89
82	4:48.59	Ivy Granstrom(CAN)	10-10-93
	5:47 5	Hulda Crooks(CA)	6-24-78
83	5:12	Anne Clarke(IL)	7-10-93
	p4:23.48	Rosario Iglesias(MEX)	10-10-93
84	5 50.2	Hulda Crooks(CA)	7-13-80
85	6:14 1	Mary Ames(CA)	9- 3-88
86	5 14 43	Matsue Nishiyama(JPN)	10-10-93
	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 11.04	Ruth Wysocki(CA)	5-22-92
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
	4:36 12i	Cindy Bremser(WI)	3-23-91
38	4:03.0	Ileana Silai(ROM)	8- 1-80
	4 43 14	Darsi Bowden(CA)	8- 5-89
39	4:06.91	Y. Podkopayeva(URS)	3- 1-92
	4:39.1	Darsi Bowden(CA)	5-19-90
40	4:02 03	Y. Podkopayeva(URS)	8- 8-92
	4 41.3	Laurie Binder(CA)	8-15-87
41	4 02 48	Y. Podkopayeva(URS)	-8 -79
	4:38 73	C. Urish-mclatchie(TX)	10-16-93
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	4:37.43	Judy Daly(AUS)	7-27-91
	4:56.5	Carol Flexer(WA)	8-15-87
45	4:36.58	Heather Mathews(NZL)	2- 2-92
	4:48 19	Joan Colman(CA)	8- 5-89
46	4:41.3	Gudelieve Roggeman(BEL)	7-16-86
	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	4:57.44	Shirley Matson(CA)	8-16-92
52	5 04 99	Walburga Klockers(FRG)	7-27-91
	5:13.3	Mila Kania(NY)	6-19-83
53	5 10.36	Edeltraud Pohl(FRG)	9- 2-89
	5 18.4	Vicky Bigelow(CA)	4-29-89
54	5:04 45	Edeltraud Pohl(FRG)	7-12-91
	5:12 9	Margaret Miller(CA)	6-21-80
55	5:03.33	Edeltraud Pohl(FRG)	8-17-91
	5:41.2	Beryl Skelton(NY)	8-18-84
56	5:14.2	Vicky Bigelow(CA)	6-13-92
57	5:23 9	Vicky Bigelow(CA)	7-25-92
58	5:17 19	Jean Horne(CAN)	7-27-91
	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
	5:46.61	Marion Irvine(CA)	7-27-91
62	5:48.96	Shirley Brasher(AUS)	8- 5-89
	5:55 47	Marion Irvine(CA)	8-16-92
63	5:51 53	Joselyn Ross(GBR)	7-27-91
	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	6:02 68	Shirley Brasher(AUS)	4-18-92
	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	6:06.43	Nina Naumenko(URS)	6-11-92
	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
	6:47.56	Louise Adams(CO)	7-27-91
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
	7:05.75	Louise Adams(CO)	8-14-93
72	7:03 50	Marie Stafford(OR)	7-27-91
73	6:45.89	Britta Tibbling(SWE)	7-27-91
	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	7:06.13	Johanna Luther(FRG)	7-27-91
	8:37.49	Pearl Mehl(CO)	7-27-91
78	9:06.31	Pearl Mehl(CO)	8-16-92
79	8:11.8	Anne Clarke(IL)	7- 8-89
80	7:32.22	Johanna Luther(FRG)	10-16-93
	8:33.8	Anne Clarke(IL)	7- 7-90
81	8:36.90	Anne Clarke(IL)	7-27-91
82	9:05.8	Anne Clarke(IL)	7-11-92
83	11:09 2	Anna Ward(MO)	5-30-88
	p8:47.41	Rosario Iglesias(MEX)	10-16-93
84	11:33.0	Hulda Crooks(CA)	7-12-80
85	11:43.2	Anna Ward(MO)	6- 2-90
86	12:49.81	Marilla Salisbury(CA)	9-18-93
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
	4:39.81i	Ruth Wysocki(CA)	2-13-93
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	5:18.23	Christine Monroe(NZL)	11-10-90
	5:19 5	Barbara Pike(CA)	7-12-81
40	4:15 57i	Y. Podkopayeva(URS)	2- 7-93
	4:54.69	Doris Heritage(WA)	4-23-83
41	4:28.75	Y. Podkopayeva(URS)	-91-09
	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	4:54.0	Laurie Binder(CA)	8- 8-91
44	5:21.8i	Barbara Pike(MA)	1-19-86
45	5:02.31	Heather Mathews(NZL)	11-16-91
	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	6:43 9i	Gloria Brown(NY)	1-25-92
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 24.8	Joselyn Ross(GBR)	9-18-91
	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	8:11i	Grace Burger(GBR)	11- -91
	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
80	9:49 40	Ivy Granstrom(CAN)	5-31-92

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
	p10:28.4	Patti Ford(NY)	6-30-93
	p10:32 0	Bev Marx(US)	5-18-91
	p10:34 4	Terri Lee Busby(US)	5-23-92
38	9:11.61i	Maricica Puica(ROM)	1-27-89
	10 07 10	Jacqueline Hansen(CA)	8- 1-87
	p9:15 00	F. Larrieu-smith(TX)	- -91
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
	10:15 4i	Nancy Oshier(NY)	1-27-91
	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	10:26.2	Edeltraud Pohl(FRG)	8-29-85
	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	10:38.44	Edeltraud Pohl(FRG)	8-27-87
	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	11:00 4	Edeltraud Pohl(FRG)	7-19-89
	12 12.2	Kay Willoughby(CA)	9-16-89
	p11 38	Zofia Turosz(CT)	7-14-91
54	10:56 76	Edeltraud Pohl(FRG)	6- 5-91
	11 14.6	Vicky Bigelow(CA)	9-16-89
55	10:47 94	Edeltraud Pohl(FRG)	8-29-91
	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	11 47 0i	Molly Turner(CAN)	3- 9-91
	12 30 8i	Ruth Droege(US)	3- 8-86
58	11 45 94i	Molly Turner(CAN)	4- 5-92
	13:06.0yi	Gladys Lehman(CA)	2-22-81
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
	12:38.36i	Gloria Brown(NY)	3- 7-93
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	12:38.50	Lieselotte Schultz(FRG)	9-21-85
	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	11:47.8i	Dorly Brechbuehl(CAN)	3- 7-92
	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	13:50.8	Jose Waller(GBR)	10- 4-92
	15:15.10i	Ellen McCoy(MN)	3-24-91
	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
	17:33 94	Marie Stafford(OR)	6-21-92
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	16:58.2	Algene Williams(IL)	7-11-92
77	16:33.0	Berta Hielscher(FRG)	9-13-86
	20:27.0i	Pearl Mehl(CO)	3-24-91
78	25:52.4	Marilla Salisbury(CA)	7-12-86
79	21:52.09i	Pearl Mehl(CO)	3-20-93
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	10:39.6	C. Urish-mclatchie(TX)	7-16-93
42	11:38.0	Linda Sipprelle(DC)	8-29-77
43	10:36	Laurie Binder(CA)	7-18-91
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
65	19:13 0	Ruth Leff(WI)	6-20-92
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
80	21 18.6	Ivy Granstrom(CAN)	6-28-92

5000 METERS

35	15 13.39	Ingrid Kristiansen(NOR)	8- 4-91
	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	15:52 02	F. Larrieu-smith(TX)	4- -90
	p15:38.3	Charlotte Teske(FRG)	- -87
38	16:25 39	Kirsten Hausken(NOR)	8-10-86
	16 42 2	F. Larrieu-smith(TX)	6-13-91
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	17 43 55	Els Raap(HOL)	6-12-93
	18 01 78	Carol Flexer(WA)	8- 4-89
47	17:40 77	Elaine Statham(GBR)	7-25-91
	17:59.0	Vicky Bigelow(CA)	7-24-82
48	17 48.60	Shirley Matson(CA)	8- 4-89
49	18 01.8	Edeltraud Pohl(FRG)	8-22-85
	18:41 4	Vicky Bigelow(CA)	8-19-84
50	17:25.6	Shirley Matson(CA)	9-26-91
51	18:02.0	Shirley Matson(CA)	8-13-92
52	18:14 59	Edeltraud Pohl(FRG)	7-30-88
	19:02	Mila Kania(NY)	8-12-83
53	18:43 02	Edeltraud Pohl(FRG)	8- 4-89
	19:11 69	Mila Kania(NY)	8-17-84
54	18:25 58	Edeltraud Pohl(FRG)	5- 5-91
	19:17 72	Vicky Bigelow(CA)	8- 4-89
55	18:34 4	Edeltraud Pohl(FRG)	8-17-91
	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	19:44.77	Myfanwy Loudon(GBR)	7-25-91
	20:42.8	Toshiko D'Elia(NJ)	6- 7-87
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	20:15 8	Marion Irvine(CA)	9-26-91
62	20:51.63	Shirley Brasher(AUS)	8- 4-89
	21:03.6	Marion Irvine(CA)	8-13-92
63	21:08 74	Joselyn Ross(GBR)	7-25-91
	22:40 4	Jaclyn Caselli(CA)	7- 7-84
64	22:20	Helen Dick(CA)	7-16-89
65	21:37.8	Joselyn Ross(GBR)	8-14-93
	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
	24 27 76	Louise Adams(CO)	7-25-91
70	23 21 2	Jose Waller(GBR)	10- 4-92
	24:52 83	Pat Dixon(OR)	8- 4-89
71	23:38 10	Jose Waller(GBR)	7-17-93
	25 27 0	Louise Adams(CO)	8-11-93
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	27:10 76	Algene Williams(IL)	7-25-91
76	25:32.33	Johanna Luther(FRG)	9- 2-89
	31:21 00	Mary Haines(CT)	7-25-91
77	26:10 97	Johanna Luther(FRG)	7-25-91
	30:12 51	Bess James(CA)	8-16-87
78	34:46 93	Ailsa Forbes(NZL)	8- 4-89
	39:04 2	Pearl Mehl(CO)	8-13-92
79	30:22 66	Anne Clarke(IL)	8- 4-89
80	28:32.67	Johanna Luther(FRG)	10-11-93
	30:21.85	Mavis Lindgren(CA)	8-16-87
81	30:59.08	Anne Clarke(IL)	7-25-91
82	36:52.98	Ivy Granstrom(CAN)	10-11-93
	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
86	37:02.30	Matsue Nishiyama(JPN)	10-11-93

10,000 METERS

35	31:20.28	Ingrid Kristiansen(NOR)	8-10-91
	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
	p32 00 24	Tatyana Pozdnyakova(URS)	- -91
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	31:28 92	F. Larrieu-smith(TX)	4- 4-91
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	35:56.20	E. Mary Robinson(GBR)	7-17-93
	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
	38:52 28	Mary Wood(CO)	7-21-91
47	37:05 16	Elaine Statham(GBR)	7-21-91
	38:10.89	Joan Colman-ottaway(CA)	7-21-91
48	37:07.0	Edeltraud Pohl(FRG)	4-26-85
	38:19.8	Vicky Bigelow(CA)	8-21-83
49	38:33 24	Elaine Statham(GBR)	10- 8-93
	40:38.2	Dorothy Stock(CA)	6-19-82
50	35:37.0	Valborg Ostberg(NOR)	7-26-81
	40:49.9	Ruth Anderson(CA)	7-27-79
51	36:51.6	Edeltraud Pohl(FRG)	6-21-88
	37:38.67	Shirley Matson(CA)	8-15-92
52	40:56.8	Jean Albury(AUS)	4- 9-82
	42:38.30	Judy Groombridge(WA)	8-15-92
53	36:51.28	Ursula Odermatt(SUI)	10- 8-93
	45:09	Barbara Dibble(AZ)	1-14-84
54	38:38.44	Edeltraud Pohl(FRG)	7- 4-91
	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
	43:26.17	Marion Irvine(CA)	7-21-91
62	43:58.66	Shirley Brasher(AUS)	7-29-89
	44:39.05	Marion Irvine(CA)	8-15-92
63	44:51 0	Pat Dixon(OR)	7-16-82
64	47:00 46	Shirley Brasher(AUS)	7-21-91
	48:48.8	Jaclyn Caselli(CA)	6-22-85
65	44:21.0	Lieselotte Schultz(FRG)	7-16-85
	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	48:56.38	Jose Waller(GBR)	7-21-91
	64:52	Bess James(CA)	8-18-79
70	48:33.8	Jose Waller(GBR)	6- 7-92
	50:28.33	Pat Dixon(OR)	8- 4-89
71	48:10.98	Jose Waller(GBR)	7-17-93
	50:54	Mary Varani(MI)	6-24-89
72	65:02.29	Elfriede Falke(FRG)	10- 8-93
	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
	56:59 33	Algene Williams(IL)	7-21-91
76	64:58.0	Ivy Granstrom(CAN)	11-28-87
	70:27.87	Mary Haines(CT)	7-21-91
77	53 13.63	Johanna Luther(FRG)	7-21-91
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	65 47.2	Anne Clarke(IL)	7- 6-91
82	82:58.80	Ivy Granstrom(CAN)	10- 8-93
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	10-195	16.272 Zina Marchant(GBR)	3-30-88
	9-1607	15 954 Vicki Foltz(US)	6-16-81
38	9-549	14 986 Judy Groombridge(WA)	7-15-78
39	9-565	15 001 Joni Pendleton(US)	6-17-86
40	9-1056	15 450 Claudine Bury(BEL)	9-17-93
	9-515	14.955 Judy Groombridge(WA)	7-10-80
41	9-1044	15.439 Patricia Thomas(WA)	8-22-81
42	9-1050	15.444 P. Ketelslegers(BEL)	8- 1-90
	9-575	15.010 Linda Sipprelle(DC)	10-12-77
43	9-1197	15.579 Linda Sipprelle(DC)	7-29-78
44	9-812	15.227 P. Ketelslegers(BEL)	7-30-92
	9-545	14.982 Mary Czarapata(WI)	9-23-79
45	9-1609	15.955 P. Ketelslegers(BEL)	9-24-93
	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	9-621	15.052 Greet Warnaar(HOL)	9-16-93
	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	8-694	13.509 M. Vancaekenberghe(BEL	9-29-90
	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 Norrish(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	7-550	11.768 Dorothy Stock(CA)	5-20-92
60	7-865	12.056 Betty Norrish(GBR)	6-16-91
	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	6-1372	10 911 Grace Burger(GBR)	6-16-91
	5-5 i	8.051 Edna Berg(MT)	1-11-87
72	6-860	10.442 Grace Burger(GBR)	6-21-92
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

2000 METER STEEPLECHASE

35	7:19.88	Sue Elizabeth Taylor(NZL)	3-13-93
	p8:22.89	Sue Grigsby(WA)	8-14-92
36	8:04.55	Maria Sahuquillo(SPA)	7-27-91
	8:10.38	Kim Rupert(CA)	7-27-91
	p7:45 56	Marietjie Ceronio(RSA)	10-13-93
37	7:48.32	Victoria Adams(NZL)	7-27-91
	8:00.0	Kim Rupert(CA)	7-25-92
38	7:49	Victoria Adams(NZL)	12- 2-92
	8:05.51	Kim Rupert(CA)	10-13-93
39	7:29.70	Victoria Adams(NZL)	3-13-93
40	8:07.6	Judith Stewart(NZL)	3- 4-89
41	7 57.65	Jane Holmes(GBR)	8- 5-89
	10 20.96	Susan Ward(CA)	8- 5-89
42	7:58	Antionette Shaw(AUS)	4-14-90
	8:12.83	Susanne Houlton(GA)	8- 5-89
43	7:50.6	Antionette Shaw(AUS)	11-30-91
44	7:48.8	Antionette Shaw(AUS)	1- 4-92
	p12:42.67	Cheryl Kincaid(CA)	10-13-93
45	7:45 96	Joan Colman(CA)	8- 5-89
46	8:41.64	Erica Mercer(AUS)	8- 5-89
47	7 54.19	Margaret Orman(NZL)	8- 5-89
	8 06.60	Joan Colman-ottaway(CA)	7-27-91
48	7:50 2	Joan Colman-ottaway(CA)	7-25-92
49	7:38.08	Margaret Orman(NZL)	7-27-91
50	7:58.2	Margaret Orman(NZL)	3-14-92
51	7:43.99	Margaret Orman(NZL)	3-13-93
52	9:07.89	Jan Morray(AUS)	4-18-92
	10:06.19	Judy Groombridge(WA)	8-14-92
54	10:26.4	Ruth Carrier(CAN)	6- 9-85
	10:28.34	Tami Graf(CA)	6-22-91
55	9:52 28	Sally Strazdins(US)	8- 5-89
56	10:06.2	Ruth Carrier(CAN)	8- 2-87
57	9:52.25	Sally Strazdins(PA)	7-27-91
58	10:10 4	Ruth Carrier(CAN)	6-11-89
59	12:22.27	Alet Ten Tusscher(RSA)	10-13-93
60	11:04.56	Ruth Carrier(CAN)	7-27-91
61	10:29.91	Nan Little(NZL)	4- 2-88
62	11:28.01	Ruth Carrier(CAN)	10-13-93
65	15:46.83	Mitsuko Miura(JPN)	10-13-93
66	12:44.78	Tina Smit(AUS)	4-18-92

100 METER HURDLES (30"/33")

35	13.13	Y. Chemyshova(RUS)	6-19-93
	13.60hep	Jane Frederick(CA)	9-26-87
	p13.59	Cindy Greiner(US)	8- 1-92
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
	18.8	Irene Thompson(NY)	7- 5-92
	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
46	17 3	Edith Graff(BEL)	10- 1-88
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

80 METER HURDLES (30")

40	11 78	Deby Sweezey(CA)	8-12-93
	11 78	Judy Vernon(GBR)	8- 1-86
	11 8	Eileen Hindle(AUS)	3-25-89
41	11.96	Anna Wlodarczyk(POL)	8-14-92
	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 21h	Eileen Hindle(AUS)	7-20-91
	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
	12.51h	Phil Raschker(GA)	7-20-91
45	12 5	Cherrie Sherrard(CA)	7-14-84
46	12 2pen	Phil Raschker(GA)	7-10-93
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
	p15.5pen	Marlene Sachs(US)	8-13-92
49	12 7	Corrie Roovers(HOL)	6-22-85
	15.89	Christel Miller(CA)	6- 9-84
	p14 9pen	Marlene Sachs(VT)	7-10-93
	w12.70	Corrie Roovers(HOL)	8-21-84
	w15.1	Christel Miller(CA)	8-17-84
50	13.56	Pat McNab(GBR)	7-17-93
	13.82	Cherrie Sherrard(CA)	7-30-89
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	Corrie Roovers(HOL)	11-29-87
	w14.70	Becky Sisley(OR)	6-22-91
	w14 9hep	Christel Miller(CA)	7-11-87
53	14.29	Rietje Dykman(HOL)	6-12-93
	14.35	Cherrie Sherrard(CA)	7-25-92
	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	13 30	Corrie Roovers(HOL)	7-20-91
	17 1	Shirley Kinsey(CA)	5-31-86
	w16 7	Shirley Kinsey(CA)	5-24-86
57	13 95	Corrie Roovers(HOL)	6-12-93
	16 13pen	Christel Miller(CA)	8-13-92
58	14.22	Corrie Roovers(HOL)	10-10-93
	16 56pen	Christel Miller(CA)	8-11-93
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
	w16 91	Betty Vosburgh(GA)	6- 8-91
60	15 56	Kirsten Hveem(NOR)	6-25-85
	16 45	Betty Vosburgh(GA)	7-21-91
61	14 78	Asta Larsson(SWE)	10-10-93
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
	19.44	Leonore McDaniels(VA)	8-14-92
65	18.33	Isabella Hofmeyr(RSA)	10-10-93
	19.3pen	Leonore McDaniels(VA)	7-10-93
66	18.8	Patricia Peterson(NY)	7-12-92
67	21.5pen	Johnnye Valien(TX)	7-10-93
68	18.62	Rosaline Sole(NZL)	9-28-83
	19.12	Johnnye Valien(TX)	10-10-93
72	27.74	Rosaline Sole(NZL)	11-29-87
73	20.89	Rosaline Sole(NZL)	7-22-89
75	27.89	Rosaline Sole(NZL)	7-21-91

400 METER HURDLES (30")

35	54 37	Marina Stepanova(URS)	8- 2-85
	65.8	Phil Raschker(GA)	8-14-82
36	52.94	Marina Stepanova(URS)	9-17-86
	p77.8	Lynette Parker(US)	6-15-91
37	55.25	Marina Stepanova(URS)	7- 2-87
	73.55	Skipper Clark(NY)	8-23-85
38	65.32	Eileen Hindle(AUS)	12- 5-87
39	68.14	Tuula Torni(FIN)	7-25-91
	70.68	Phil Raschker(GA)	7-19-86
40	65.03	Phil Raschker(GA)	12- 5-87
	65.03	Christine Turner(NZL)	12- 5-87
41	66.16	Inger Kulstad(NOR)	8- 3-89
	75.03	Phil Raschker(GA)	8- 4-88
	p62.93	Karin Von Riewel(FRG)	6-30-90
42	70.7	Susanna Cronje(RSA)	4-25-87
	79.3	Skipper Clark(NY)	8-26-90
43	62.8	Jan Hynes(AUS)	11- 7-87
	80.79	Skipper Clark(NY)	7-25-91
44	67.36	Anna Edinger(AUT)	10-13-93
	86.22	Debbie Stiles(MO)	8-13-93
45	64.8	Jan Hynes(AUS)	11-11-89
	71.20	Pamela Calvert(MD)	7- 6-91
46	68.72	Marge Allison(NZL)	7-25-91
	94.0	Barbara Stewart(NY)	6-21-88
	p68.51	Jorunn Sundal(NOR)	10-13-93
47	64.4	Marge Allison(NZL)	10-19-91
	95 18	Ann Carter(GA)	7-21-89
48	69 42	F Kummerle-valk(FRG)	8- 3-89
49	66 73	Marge Allison(NZL)	10-13-93
52	82.9	Veronica Welgemoed(RSA)	5-19-84

300 METER HURDLES (30")

50	50 16	F. Kummerle-valk(FRG)	7-25-91
	73.60	Ann Carter(GA)	5-29-92
51	55.39	Erika Sauer(FRG)	7-25-91
	67.0	Ann Carter(GA)	9-25-93
52	51 41	Jean Hulls(GBR)	7-25-91
	66 67	Marion Cofee(US)	7- 6-91
53	56.87	Kimiko Nakamura(JPN)	7-25-91
	66.11	Tami Graf(CA)	8- 3-89
	p53.29	Kristina Karlsson(SWE)	10-13-93
54	53 22	Colleen Mills(NZL)	12- 5-87
	72 66	Tami Graf(CA)	6-23-91
55	52 96	Corrie Roovers(HOL)	7- 7-91
56	52.11	Corrie Roovers(HOL)	7-25-91
57	54.09	Corrie Roovers(HOL)	6-12-93
58	54.58	Corrie Roovers(HOL)	10-13-93
59	57 2	Betty Vosburgh(GA)	5-27-91
60	56 80	Betty Vosburgh(GA)	7- 6-91
61	58 59	Asta Larsson(SWE)	10-13-93
	58 88	Betty Vosburgh(GA)	8-15-92
62	65.51	Isabella Hofmeyr(RSA)	4-19-91
	71 74	Patricia Peterson(NY)	8- 4-88
63	68 01	Patricia Peterson(NY)	8- 3-89
64	67 40	Leonore McDaniels(VA)	8-15-92
65	65 67	Isabella Hofmeyr(RSA)	10-13 93
	66 9	Leonore McDaniels(VA)	7 17-93
66	71 7	Patricia Peterson(NY)	6 20-92

HIGH JUMP

35	6'2	1.88	Debbie Brill(CAN)	4-23-88
	5'10	1.78	Jane Frederick(CA)	8-31-87
	p6'2	1.88	Cindy Greiner(US)	6-20-92
	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 Prezeljj(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	5'3 3/4	1.62	Alena Plischke(AUT)	7-23-91
	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
	4'11 1/2	1.51	Phil Raschker(GA)	3-24-91
45	5'2 1/4	1.58	Alena Plischke(AUT)	10-11-93
	4'11	1.50	Phil Raschker(GA)	5-23-92
46	5'3	1.60	Phil Raschker(GA)	8-11-93
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	Christel Hauser(FRG)	7-23-91
	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
	p4'2	1.27	Marlene Sachs(VT)	8-11-93
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 3/4	1.34	Becky Sisley(OR)	6-23-91
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	4'8 1/4	1.43	Taisija Tsentsik(URS)	7-23-91
	4'2 3/4	1.29	Christel Miller(CA)	8- 2-90
56	4'6 1/4	1.38	C Schmalbruch(FRG)	10-11-93
	4'0 1/2	1 23	Christel Miller(CA)	3-24-91
57	4'3 1/4	1 30	C. Wippersteg(FRG)	6-23-85
	4'2	1.27	Christel Miller(CA)	7-12-92
	p4'3 1/4	1.30	T. Tchentchik(URS)	10-11-93
58	4'1 3/4	1.26	Kirsten Hveem(NOR)	9-28-83
	4'1 1/2	1 26	Christel Miller(CA)	8-12-93
59	4'1 1/4	1 25	Leili Kaas(URS)	10-11-93
	4'1 1/4	1.25	Audrey Wood(NZL)	9-24-83
	4'0	1.22	Betty Vosburgh(GA)	6- 8-91
	p4'1 1/4	1.25	Erna Bauman(FRG)	10-11-93
60	4'3 1/4	1.30	Rosemary Chrimes(GBR)	9-26-93
	3'10 1/2	1.18	Betty Vosburgh(GA)	7- 5-91
61	4'1 1/4	1.25	Daphne Pirie(AUS)	10-11-93
	3'9 1/4	1 15	Betty Vosburgh(GA)	5- 1-93
62	4'0 3/4	1.24	Kirsten Hveem(NOR)	12- 3-87
	3'11	1.19	Leonore McDaniels(VA)	8- 3-90
63	4'1 1/4	1.25	Leonore McDaniels(VA)	3-24-91
	4'1 1/4	1 25	Elsa Enarsson(SWE)	10-11-93
64	4'1	1.24	Leonore McDaniels(VA)	5- 2-92
65	4'2	1.27	Leonore McDaniels(VA)	8-11-93
66	3'11 1/4	1.20	Gwen Davidson(AUS)	7-27-89
	3'8	1.12	Patricia Peterson(NY)	7-12-92
67	3'9 3/4	1 16	Helgi Pedel(CAN)	7-23-91
	3'9	1 14	Mary Bowermaster(OH)	3-30-85
68	3'9 1/4	1 15	Audrey Wood(NZL)	5- 8-92
	3'8	1 12	Mary Bowermaster(OH)	7-18-86
69	3'11 1/4	1 20	Helgi Pedel(CAN)	8-14-93
	3'7	1.09	Mary Bowermaster(OH)	6-27-87
	p3'7	1 09	Cornelia Spivey(VA)	5-21 88
70	3'9 1/4	1.15	Gwen Davidson(AUS)	4-11-93
	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
76	3'1 3/4	0.96	Annchen Reile(FRG)	7-23-91
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
82	2'10 3/4	0.88	Margareta Sarvana(FIN)	7-23-91

POLE VAULT

35	8'0	2.44	Phil Raschker(GA)	8- 7-82
36	8'10 1/4	2.70	M. Claire Fabardine(FR	7-20-91
	8'10 1/4	2.70	Maret Kalviste(URS)	7-20-91
37	4'1 1/4	1 25	Heidi Dunham(HI)	12-31-80
38	9'2 1/4	2.80	Maret Kalviste(URS)	10-10-93
39	6'6 3/4	2.00	Liz McBlain(CAN)	8- 2-87
40	5'11	1.80	Liz McBlain(CAN)	8-28-88
	p7'2 1/4	2.19	Ritsuko Murayama(JPN)	10-10-93
41	8'0 1/2	2.45	Phil Raschker(GA)	8- 6-88
42	8'1	2 46	Phil Raschker(GA)	7-30-89
43	8'6	2 59	Phil Raschker(GA)	8- 4-90
44	9'10 1/4	3.00	Phil Raschker(GA)	7- 6-91
45	9'4 1/4	2.85	Phil Raschker(GA)	5-30-92
46	10'3 3/4	3.14	Phil Raschker(GA)	10-10-93
47	6'2 3/4	1.90	Kirsten Onsberg(DEN)	7-20-91
	5'3	1.60	Barbara Stewart(NY)	7-30-89
48	8'2 3/4	2 51	Petra Pietersen(RSA)	3-20-92
	5'11	1.80	Barbara Stewart(NY)	8-11-90
49	8'3 1/4	2 52	Petra Pietersen(RSA)	10-10-92
	4'10	1.47	Barbara Stewart(NY)	1- 4-91
50	9'6 1/4	2.90	Pat McNab(GBR)	6- 6-93
	6'0 3/4	1.85	Barbara Stewart(NY)	8-14-92
51	7'2 3/4	2 20	Barbara Stewart(NY)	9-11-93
52	7'3 3/4	2.23	Madeline Bost(OR)	8-17-91
53	6'6 3/4	2.00	Marianne Stenholm(SWE)	7-20-91
	p6'6	1 98	Rachel Lyga(US)	3-13-88
54	5'7	1.70	Vasantha Samuel(IND)	7-20-91
55	5'3 3/4	1.62	Marianne Stenholm(SWE)	10-10-93
56	4'6 1/4	1.38	Vasantha Samuel(IND)	10-10-93
57	6'2 3/4	1.90	Dorothy McLennan(IRL)	7-17-93
58	6'6 3/4	2.00	Dorothy McLennan(IRL)	10-10-93
	5'1 1/2	1 56	Lucy Ann Brobst(NC)	2-16-92
59	4'5	1.34	Lucy Ann Brobst(NC)	8-14-92
	p5'0 3/4	1.54	Midori Yamamoto(JPN)	10-10-93
60	4'9	1.45	Lucy Ann Brobst(NC)	8-12-93
63	3'10	1.17	Shirley Kinsey(CA)	6- 6-93
64	6'0 3/4	1.85	Leonore McDaniels(VA)	8-14-92
65	6'6 1/4	1 99	Leonore McDaniels(VA)	3- 6-93

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	21'7 1/4	6.58	Maryna Vanniekirk(RSA)	2-20-91
	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	19'4 1/4	5 90	Anna Wlodarczyk(POL)	8-15 92
	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	18'0 1/2	5 50	Phil Raschker(GA)	3-23-91
45	18'2 1/4	5.54	Phil Raschker(GA)	2-20-93
46	18'0 1/4	5.49	Jan Hynes(AUS)	10-21-90
	17'9 3/4	5 43	Phil Raschker(GA)	3-20-93
47	17'0	5 18	Corrie Roovers(HOL)	7-15-82
	14'10 1/4	4 53	Shirley Smith(FL)	12-10-82
48	16'6 3/4	5 05	Edith Graff(BEL)	7- 4-90
	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
	15'7 3/4	4.77	Inga Stenbrink(SWE)	7-25-91
	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	16'5 3/4	5.02	C Schmalbruch(FRG)	7-25-91
	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	15'9	4.80	C. Schmalbruch(FRG)	10- 9-93
	12'3 3/4	3 75	Magdalena Kuehne(CA)	11-29-87
	w12'7	3.83	Magdalena Kuehne(CA)	8-29-87
57	14'5 1/4	4 40	L. Seuberlich(FRG)	9-23-83
	12'2 1/2	3.72	Christel Miller(CA)	8-13-92
	w12'7 1/2	3.85	Shirley Smith(FL)	5-16-92
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
	12'9 1/2	3.90	Betty Vosburgh(GA)	3- 9-91
	w13'3 1/2	4 05	Betty Vosburgh(GA)	5-27-91
60	14'3 3/4	4.36	L. Seuberlich(FRG)	7-29-86
	13'7	4.14	Betty Vosburgh(GA)	7-25-91
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
	w13'1 3/4	4 01	Betty Vosburgh(GA)	8-15-92
62	13'10 1/2	4.23	Shirley Peterson(NZL)	3-16-91
	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
	12'10 1/4	3.92	Leonore McDaniels(VA)	7-25-91
64	14'2	4.32	P. Schneiderhan(FRG)	7-29-86
	12'6 1/2	3.82	Leonore McDaniels(VA)	6- 6-92
	w14'4	4.37	P. Schneiderhan(FRG)	9-27-86
	w13'7	4 14	Leonore McDaniels(VA)	5- 1-92
	w12'6 3/4	3.83	Leonore McDaniels(VA)	8-15-92
65	13'0 1/4	3.97	Shirley Peterson(NZL)	10- 9-93
	12'10	3 91	Leonore McDaniels(VA)	7-17-93
66	14'8	4.47	P. Schneiderhan(FRG)	12- 1-87
	12'6	3.81	M. Marie Lorenz(MT)	8-13-93
67	10'11w	6.09	Johnnye Valien(TX)	5-15-93
68	11'6 3/4	3.52	J. Sullivan(SC)	7-10-93
69	13'0 3/4	3.98	P Schneiderhan(FRG)	7-25-91
	10'11 1/2	3.34	Lavina Haefele(US)	6-12-93
70	12'6 3/4	3.83	Elga Meri(CAN)	3- 7-92
	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	11'9	3 58	P Schneiderhan(FRG)	10- 9-93
	10'8 3/4	3.27	Mary Bowermaster(OH)	4- 1-89
72	11'11 1/4	3.64	Mary Wixey(GBR)	7-17-93
	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	8'8	2.64	Tama Nakashima(JPN)	9-12-92
	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	8'6 3/4	2.61	Tama Nakashima(JPN)	10- 9-93
	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
	p4'11	1.50	Sylvia Swartz(NY)	7-14-91
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
81	7'2 3/4	2.20	Ruth Frith(AUS)	11- 2-90
	5'1 3/4	1.57	Edith Mendyka(CA)	9-20-92
82	7'0 3/4	2.15	Ruth Frith(AUS)	5- 8-92
84	7'5	2.26	Ruth Frith(AUS)	10- 9-93

TRIPLE JUMP

35	42'8 3/4	13 02	Yannick Gacon(FRA)	7-19-92
	34'7	10.54	Phil Raschker(GA)	6-12-82
	w34'9 1/2	10.60	Phil Raschker(GA)	8- 7-82
36	36'7	11.15	Phil Raschker(GA)	9-18-83
	w37'8	11.48	Maret Kalviste(URS)	7-27-91
	w36'9	11.20	Phil Raschker(GA)	5- 7-83
37	40'8 1/4	12 40	C. Geremias(BRA)	10-13-93
	35'3 3/4	10 76	Phil Raschker(GA)	5- 4-84
38	37'11 1/2	11.57	Arsa Jussila(FIN)	7-27-91
	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	39'7 1/4	12.07	Anna Wlodarczyk(POL)	7-27-91
	36'7 1/2	11.16	Phil Raschker(GA)	12- 1-87
	w37'0 1/2	11 29	Phil Raschker(GA)	12- 1-87
41	40'3 1/2	12 28	Anna Wlodarczyk(POL)	5-23-92
	35'4 1/2	10 78	Phil Raschker(GA)	3-20-88
42	39'2 1/2	11 95	Akiko Ohinata(JPN)	9-11-92
	37'3	11 35	Phil Raschker(GA)	8- 1-89
43	39'4 1/2	12 00	Akiko Ohinata(JPN)	10-13-93
	33'8	10.26	Phil Raschker(GA)	6- 9-90
44	34'4 1/4	10 47	Phil Raschker(GA)	7- 5-91
	w37'6	11 43	Danielle Desmier(FRG)	8-13-93
45	36'5 1/2	11 11	Takako Togawa(JPN)	8-18-88
	33'10 1/4	10.32	Phil Raschker(GA)	4- 3-92
46	35'6	10.82	Phil Raschker(GA)	3-19-93
47	30'3	9 22	Patricia Oakes(GBR)	7-17-93
	29'5 1/2	8.98	Joanne Grissom(IN)	8-25-85
48	30'5 3/4	9.29	Pat McNab(GBR)	7-27-91
	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	31'8	9.65	Edith Graff(BEL)	5-25-91
	27'1	8.25	Becky Sisley(OR)	7-23-88
50	33'1	10 08	Erika Springmann(FRG)	10-13-93
	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	32'0 3/4	9 77	Helen Searle(AUS)	7-27-91
	28'11	8.81	Becky Sisley(OR)	7-27-91
	p32'1	9.78	Chieko Nakamura(JPN)	10-13-93
53	34'11	10.64	Kimiko Nakamura(JPN)	11- 2-91
	27'5 1/2	8.37	Christel Miller(CA)	3-20-88
54	32'6 1/2	9.92	Helen Searle(AUS)	10-13-93
	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	32'2 3/4	9.82	C. Schmalbruch(FRG)	10-13-93
	26'2 1/2	7 99	Christel Miller(CA)	7-27-91
	w28'1	8.56	Magdalena Kuehne(CA)	11-28-87
	w26'8 1/2	8.14	Magdalena Kuehne(CA)	8-29-87
57	29'2 1/2	8 90	Carina Graham(GBR)	10-13-93
	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

	p28'5 1/4	8.67	Nihoko Kanegawa(BRA)	10-13-93
60	27'10 3/4	8.50	Gerd Mjelde(NOR)	10-13-93
	25'3 1/2	7.71	Betty Vosburgh(GA)	4- 3-92
61	27'3 1/2	8.32	Patricia Carr(AUS)	10-13-93
	26'5	8.05	Betty Vosburgh(GA)	8-14-92
62	27'6	8.38	Shirley Peterson(NZL)	2- 3-91
	26'2 1/4	7.98	Magdalena Kuehne(CA)	10-13-93
	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	28'7 3/4	8.73	Shirley Peterson(NZL)	10-19-91
	26'1 3/4	7.97	Leonore McDaniels(VA)	7-27-91
64	27'3 1/2	8.32	Shirley Peterson(NZL)	2-21-93
	25'2	7.67	Leonore McDaniels(VA)	8-14-92
65	29'7 1/2	9.03	Shirley Peterson(NZL)	10-13-93
	25'9 3/4	7.87	Leonore McDaniels(VA)	7-31-93
66	24'9	7.55	Gwen Davidson(AUS)	7-20-89
	21'5	6.53	Mary E. Norckauer(LA)	6- 4-91
	w23'1 1/4	7.04	J. Sullivan(SC)	7-27-91
67	24'3 1/4	7.40	Gwen Davidson(AUS)	4- 1-90
	21'5	6.53	J Sullivan(SC)	1-12-92
68	24'5	7.44	Mary Wixey(GBR)	7-20-89
	22'7 1/2	6.89	J. Sullivan(SC)	7-10-93
69	19'4	5.89	Elga Meri(CAN)	3- 9-91
	17'3 1/2	5 27	E. Hagamann(MA)	5-20-90
	w20'5	6.22	Elga Meri(CAN)	6- 9-90
70	22'5 3/4	6.85	Shiela Campbell(RSA)	10-13-93
	17'10 1/4	5 44	E. Hagamann(MA)	3-17-91
71	23'6 3/4	7 18	Marie Partridge(AUS)	10-19-91
	17'5	5.31	Florence Berry(IL)	8- 1-92
72	19'9 1/2	6.03	Mary Wixey(GBR)	10-13-93
	17'3 1/4	5.26	E. Hagamann(MA)	1-16-93
73	16'9 3/4	5 12	Edith Mendyka(CA)	1-29-84
	w18'11 1/4	5 77	Rosaline 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
76	15'5	4 70	Gertrud Knyz(AUT)	7-27-91
78	18'6 3/4	5.66	Rosaline Sole(NZL)	10-13-93
	12'10 1/4	3.92	Edith Mendyka(CA)	8- 1-89
81	17'1 1/2	5.22	Ruth Frith(AUS)	7-27-91
82	17'5 3/4	5.33	Ruth Frith(AUS)	4-19-92
84	18'6 1/2	5.65	Ruth Frith(AUS)	10-13-93

SHOT PUT (4 kg)

35	70'5 1/4	21.47	H Fibingerova(CZE)	1- -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
	37'1 1/2	11.31	Joan Stratton(CA)	1- 4-91
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
	40'4	12.29	Joanne Grissom(IN)	7-26-80
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(GFR)	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(GFR)	7-19-80
	33'11	10.34	Cherrie Sherrard(CA)	4-27-85
47	41'10 1/2	12 76	Sigrin Kofink(GFR)	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(GFR	7-21-85
	33'2	10.11	Cherrie Sherrard(CA)	4-25-87
49	40'8 1/4	12 40	Ingrid Miller(SWE)	7-21-91
	32'11 3/4	10 05	Vanessa Hilliard(FL)	3-24-91
51	20'5	6 22	Ann Carter(GA)	2 19-93
53	30'7 3/4	9.34	Corrie Roovers(HOL)	8- 7-88
55	35'9 1/2	10 91	Joanne Grissom(IN)	9-12-93
58	26'10 3/4	8.20	A. Scholten(FRG)	5-24-92
65	21'11	6.68	Khothilde Knuenz(AUT)	5-24-92
66	27'10 1/4	8.49	Bernice Holland(OH)	9-12-93
98	11'1 1/2	3.39	Margaret White(OK)	9- 7-92

SHOT PUT (3 kg)

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
	42'7 1/2	12.99	Joanne Grissom(IN)	7- 5-91
53	45'0 1/4	13.72	Helgi Parts(URS)	7-21-91
	40'8 3/4	12.41	Joanne Grissom(IN)	9- 8-91
54	42'4	12.90	Joanne Grissom(IN)	9-13-92
55	40'5 3/4	12.34	Evaun B. Williams(GBR)	10-10-93
	40'5	12.32	Joanne Grissom(IN)	9-12-93
56	47'5 3/4	14.47	Sigrin Kofink(FRG)	7-21-91
	32'1 1/2	9.79	Bernice Holland(OH)	6-11-83
57	37'6	11.43	Marianne Hamm(GFR)	6-23-85
	31'9	9.68	Bernice Holland(OH)	3-25-84
58	41'6 3/4	12.67	Antonina Ivanova(URS)	7-21-91
	32'4 1/2	9.87	Bernice Holland(OH)	2-22-86
59	37'7 1/4	11.46	Antonina Ivanova(URS)	6-11-92
	31'11	9.73	Bernice Holland(OH)	3- 9-86
60	40'0 1/4	12.20	Rosemary Chrimes(GBR)	10-10-93
	32'6 1/2	9.92	Bernice Holland(OH)	2-27-88
61	38'2 1/4	11.64	Jutta Schaefer(FRG)	10-10-93
	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	36'10 1/4	11.23	Marianne Hamm(FRG)	7-21-91
	33'1 1/4	10.09	Bernice Holland(OH)	3-24-90
64	29'10 1/4	9.10	Bernice Holland(OH)	5- 4-91
65	33'0	10 06	Totti Kasekamp(URS)	7-21-91
	29'8 1/2	9.05	Bernice Holland(OH)	6-20-92
66	31'0 1/2	9 46	Marianne Hamm(FRG)	10-10-93
	26'11 3/4	8.22	Bernice Holland(OH)	10-10-93
67	28'7 1/4	8.72	Lena Grobler(RSA)	4-19-91
	25'1	7.64	Mary Bowermaster(OH)	3-30-85
68	27'10	8.48	Marianne Barth(FRG)	10-10-93
	26'5	8.05	Mary Bowermaster(OH)	7-18-86
69	28'2 1/4	8.59	Ilse Pleuger(FRG)	10-10-93
	22'10	6.96	E. Hagamann(MA)	5-20-90
70	27'8 1/4	8.44	Lena Grobler(RSA)	10-10-93
	25'0	7.62	Mary Bowermaster(OH)	3-19-88
71	25'5 1/2	7.76	Mary Bowermaster(OH)	4- 2-89
72	24'9	7.54	Hanna Gelbrich(GFR)	6-23-85
	23'11	7.29	E. Hagamann(MA)	1- 8-93
73	25'4 3/4	7.74	Anny Binder(FRG)	7-30-88
	22'1 3/4	6.75	Mary Bowermaster(OH)	8- 4-90
74	25'2 1/2	7.68	Edith Mendyka(CA)	6-23-85
75	23'11 1/2	7.30	Hanna Gelbrich(FRG)	7-30-88
	19'5 1/2	5.93	Betty Jarvis(NC)	8- 4-90
	p21'0 1/2	6.41	Rose Rustin(NY)	7-14-91
76	24'2 1/2	7.38	Irja Sarnama(FIN)	7-17-82
	17'7 3/4	5.38	Betty Jarvis(NC)	5- 2-92
77	25'6	7.77	Irja Sarnama(FIN)	9-23-83
	18'6 3/4	5.66	Betty Jarvis(NC)	8-14-92
	p20'6	6.25	Rose Rustin(NY)	7-10-93
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
	11'2 3/4	3.42	Marilla Salisbury(CA)	8- 2-87
	p17'11 1/2	5.47	Sylvia Swartz(NY)	7-14-91
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
	17'11 3/4	5 48	Edith Mendyka(CA)	9-20-92
82	21'10 1/2	6.67	Irja Sarnama(FIN)	12- 4-87
	14'11 1/2	4.56	Rubye Fowler(TN)	9-21-91
84	19'11 1/2	6.08	Ruth Frith(AUS)	10-10-93
	10'5 1/2	3.19	Marilla Salisbury(CA)	8-14-92
85	17'11 3/4	5 48	Irja Sarnama(FIN)	7 21 91
	9'3 1/2	2.83	Marilla Salisbury(CA)	8-14-93
86	10'2 1/2	3.11	Marilla Salisbury(CA)	9-19-93
87	9'0	2 74	Sarah Packham(GBR)	11 2-90

DISCUS THROW (1.0 kg)

35	228'4	69.60	Faina Myelnik(URS)	9- 9-80
	178'10	54.52	Carol Finsrud(TX)	6-12-92
36	219'2	66 80	Faina Myelnik(URS)	7-15-81
	159'8	48.66	Carol Finsrud(TX)	8-13-93
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
	146'7	44.68	J Fonda Wilson(CA)	6-22-91
39	204'8	62.38	Helgi Parts(URS)	9-16-76
	149'5	45 54	J. Fonda Wilson(CA)	5-23-92
40	198'11	60.64	Helgi Parts(URS)	6-29-78
	146'7	44.68	J. Fonda Wilson(CA)	7-24-93
41	206'5	62 92	Helgi Parts(URS)	10- 4-78
	118'7	36.16	Joan Stratton(CA)	10-11-93
	p143'4	43 70	Monette Branson(UT)	8-13-93
42	201'7	61 44	Helgi Parts(URS)	9-21-79
	98'2	29.92	Joanne Grissom(IN)	7-14-81
	p101'8	31 00	Ranjana Ghose(NY)	6- 5-93
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
	88'0	26.82	Lurline Struppeck(LA)	7-23-93
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	145'11	44.48	L. Hmelevskaja(URS)	7-26-91
	112'4	34.24	Vanessa Hilliard(FL)	7- 6-91
51	151'11	46.30	Odete Domingos(BRA)	7-13-86
	105'5	32.14	Vanessa Hilliard(FL)	8-15-92
52	157'8	48.06	Odete Domingos(BRA)	6-23-87
	91'4	27.84	Joanne Grissom(IN)	7- 6-91
53	131'8	40 14	Helgi Parts(URS)	7-26-91
	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	114'1	34 78	Antonina Ivanova(URS)	8- 3-91
	93'6	28.50	Bernice Holland(OH)	8- 3-85
59	123'9	37.72	Odete Domingos(BRA)	10-11-93
	92'11 3/4	28.34	Bernice Holland(OH)	5- 3-86
60	123'3	37.56	Rosemary Chrimes(GBR)	10-11-93
	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	97'7 3/4	29.76	Nina Ponomareva(URS)	7-26-91
	91'1 3/4	27.78	Bernice Holland(OH)	8- 4-89
63	94'6 3/4	28.82	Marianne Hamm(FRG)	7-26-91
	91'1	27.76	Bernice Holland(OH)	8- 3-90
64	104'3	31.78	Nina Ponomareva(URS)	10-11-93
	89'3	27.20	Bernice Holland(OH)	7- 6-91
65	90'10	27.68	Bernice Holland(OH)	7-11-92
66	94'9 3/4	28.90	Annchen Reile(FRG)	8- 9-81
	88'0 3/4	26.84	Bernice Holland(OH)	6-12-93
67	83'9 1/2	25.54	Margareta Holm(SWE)	7-26-91
	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	81'3 1/2	24 78	Kaija Jortikka(FIN)	10-11-93
	68'7	20 90	Helen Stephens(MO)	6-27 87
70	84'7 3/4	25 80	Toyoko Yoshino(JPN)	8-12-90
	62'8	19 10	E Hagamann(MA)	7-13-91
71	80'11	24.66	Annchen Reile(FRG)	10 11-86
	65'4	19 91	E Hagamann(MA)	7-12-92
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
	58'4 3/4	17.80	Betty Jarvis(NC)	7- 6-91
76	68'4 1/2	20.84	Annchen Reile(FRG)	7-26-91
	55'4 1/2	16.88	Betty Jarvis(NC)	5- 2-92
77	55'11	17.04	Irja Sarnama(FIN)	9-25-83
	54'5 1/2	16.60	Betty Jarvis(NC)	8-15-92
78	61'7 1/2	18.78	Annchen Reile(FRG)	10-11-93
	55'8 1/4	16.97	Betty Jarvis(NC)	9-25-93
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
	p47'5	14.45	Sylvia Swartz(NY)	7-14-91
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
	35'6 1/2	10.83	Carolyn Clark(MO)	7- 6-91
	p45'8 1/2	13 93	Sylvia Swartz(NY)	7-10-93
82	54'5 1/2	16.60	Irja Sarnama(FIN)	11-29-87
	35'1	10.69	Carolyn Clark(MO)	5-16-92
83	18'1 1/4	5.52	Marilla Salisbury(CA)	7-26-91
84	18'8 1/2	5 70	Marilla Salisbury(CA)	2-21-92
85	45'3 1/4	13.80	Irja Sarnama(FIN)	7-26-91
	19'2	5.84	Marilla Salisbury(CA)	8-13-93
86	19'6	5 94	Marilla Salisbury(CA)	9-18-93
87	18'4 1/2	5.60	Sarah Packham(GBR)	11- 6-90

HAMMER THROW (4 kg)

35	195'2	59.50	Lyubov Karpova(RUS)	8- 6-93
	126'10	38.66	Joan Stratton(CA)	4-25-87
36	132'5	40.36	Christine Schultz(AUS)	11-29-87
	128'7	39.20	Joan Stratton(CA)	7- 2-88
37	141'11	43 26	Lone Hedemam(DEN)	6-30-89
	129'0	39.32	Joan Stratton(CA)	4-29-89
38	130'1	39.66	Joan Stratton(CA)	6-22-90
39	136'10 i	41.72	Lisa Kirsch(AUS)	3-16-91
	128'3	39.10	Joan Stratton(CA)	7-19-91
40	137'9	42.00	Lisa Kirsch(AUS)	1-24-93
	132'3	40.32	Joan Stratton(CA)	5-23-92
41	129'11	39.60	Joan Stratton(CA)	9-18-93
42	137'10	42.02	Annie Bellanger(FRA)	10-13-93
43	138'2	42.12	Inge Faldager(DEN)	7-19-91
	80'7 1/4	24 57	Susan Hinz(WA)	6-22-91
44	123'10	37 74	Trish Connell(AUS)	4-13-90
	91'8	27.94	Brenda Bloomfield(SC)	6-21-86
45	146'2	44.56	Inge Faldager(DEN)	10-13-93
	91'11 1/4	28.02	Lurline Struppeck(LA)	8-24-91
46	131'10	40.18	Bev Savage(NZL)	1- 6-93
	84'5 1/2	25.74	Brenda Bloomfield(SC)	6-17-88
47	133'9	40.78	Bev Savage(NZL)	2-13-93
	98'1 1/4	29 90	Brenda Bloomfield(SC)	8- 5-89
48	119'2	36.32	C. Battersby(AUS)	4-12-92
	105'0 i	32.02	Brenda Bloomfield(SC)	7- 7-90
49	107'5	32.74	Sibylla Meili(SUI)	6-30-90
	100'0	30.48	Brenda Bloomfield(SC)	6-22-91

HAMMER THROW (3 kg)

50	141'2	43.04	Janice Davies(AUS)	4-12-92
	139'10	42.62	Vanessa Hilliard(FL)	5-25-91
51	153'2	46.68	Janice Davies(AUS)	3-21-93
	122'0	37 18	Vanessa Hilliard(FL)	5-16-92
52	142'1	43 30	Helen Searle(AUS)	4-17-92
	101'5	30 92	Joanne Grissom(IN)	7- 4-91
53	128'3	39 10	Irma Kirchofs(FRG)	10-13-93
	97'0 1/2	29 58	Mildred Toman(OH)	7 4-91

54	141'5	43.10	Helen Searle(AUS)	10-13-93
	100'9	30.71	Joanne Grissom(IN)	9-13-92
55	143'11	43.86	Evaun B. Williams(GBR)	10-13-93
	110'3	33.62	Joanne Grissom(IN)	9-25-93
56	115'6	35.20	A. Scholten(FRG)	6-30-90
	79'10 1/4	24.34	Dortha Swanson(NY)	9-13-92
57	145'2 i	44.26	Antonina Ivanova(URS)	6-30-90
	76'7	23.34	Anne Cirulnick(NY)	8-13-92
58	133'11	40.82	Antonina Ivanova(URS)	7-19-91
	93'10	28.60	Sally Polk(NM)	10- 1-88
59	133'2	40.60	Jutta Schaefer(FRG)	7-19-91
	80'7	24.56	Sally Polk(NM)	7-21-89
60	126'0	38.40	Antonina Ivanova(URS)	10-13-93
	90'8 1/4	27.64	Sally Polk(NM)	6-23-90
61	132'9	40.46	Jutta Schaefer(FRG)	10-13-93
	85'4	26.01	Betty Vosburgh(GA)	8-13-92
62	92'2 1/4	28.10	Sally Polk(NM)	9- 5-92
63	97'0 1/2	29.58	Bettina Woodburn(AUS)	12- 5-87
	86'0 1/4	26.22	Sally Polk(NM)	10-13-93
64	97'10	29.82	Lydia Widera(AUS)	4-13-90
	89'0 1/2	27 14	Bernice Holland(OH)	9-22-91
65	108'3	33.00	Lydia Widera(AUS)	3-16-91
	87'10	26.77	Bernice Holland(OH)	6-20-92
66	99'9 3/4	30.42	Lydia Widera(AUS)	4-12-92
	84'6 1/4	25.76	Bernice Holland(OH)	9-12-93
67	100'9	30.71	Lydia Widera(AUS)	3-21-93
68	98'6 3/4	30.04	Ilse Bellin(FRG)	8- 5-89
	70'7	21.51	E. Hagamann(MA)	8-15-89
69	96'1 1/2	29.30	Kaija Jortikka(FIN)	10-13-93
	68'7	20.90	E. Hagamann(MA)	5-20-90
70	96'9 3/4	29.51	Ilse Bellin(FRG)	8- 3-91
	72'6	22.10	E. Hagamann(MA)	7-13-91
71	78'9 3/4	24.02	Heather May(NZL)	10-13-93
	71'5	21.77	E. Hagamann(MA)	7-12-92
72	81'1 1/4	24.72	Ilse Bellin(FRG)	10-13-93
	69'5	21.16	E. Hagamann(MA)	6- 6-93
73	56'3 1/2	17 16	Jozefine Sik(HUN)	7-19-91
74	57'5	17 50	Annchen Reile(FRG)	8- 5-89
75	57'8 1/4	17.58	Annchen Reile(FRG)	7-19-91
	56'7 1/4	17.25	Betty Jarvis(NC)	7- 4-91
76	58'4 3/4	17.80	Betty Jarvis(NC)	5- 2-92
77	53'8	16.36	Betty Jarvis(NC)	8-13-92
78	59'6 1/4	18 14	Betty Jarvis(NC)	8-11-93
79	65'7 1/2	20.00	Ruth Frith(AUS)	8- 5-89
80	62'8 3/4	19.12	Ruth Frith(AUS)	4-13-90
81	62'4	19.00	Ruth Frith(AUS)	11- 2-90
82	57'6 1/2	17.54	Ruth Frith(AUS)	5- 8-92
85	50'9 1/2	15.48	Irja Sarnama(FIN)	7-19-91

JAVELIN THROW (600 grams)

35	219'10	67.00	Tuula Laaksalo(FIN)	9-10-88
	203'7	62 06	Karin Smith(CA)	5-14-91
36	212'10	64 88	Tessa Sanderson(GBR)	7-10-92
	197'11	60.32	Karin Smith(CA)	9- 1-91
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
	146'5	44.64	Erlinda Lavandia(PA)	10- 9-93
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
	118'5	36.10	Lurline Struppeck(LA)	6-22-91
	p157'8	48.06	A. Gerhards(FRG)	- -80
45	156'7	47.74	A. Gerhards(FRG)	5-30-81
	121'4	36.98	Lurline Struppeck(LA)	7-11-92
46	138'8	42.28	Heather Doherty(AUS)	1-19-80
	115'0	35.06	Lurline Struppeck(LA)	7-23-93
47	154'2	47.00	N. Bezjak-urbancic(JUG	10- 9-93
	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	127'1	38.74	Mary Thomas(AUS)	10- 9-93
	96'6	29.41	Christel Miller(CA)	6-30-84
	p144'1	43.92	Renate Vogel(GDR)	10- 9-93

Mavis Lorenz of Montana, top-ranked W65 in the javelin in 1992, at the USATF National Masters Indoor Championships, Bozeman Mont NMN/Jerry Wojcik

JAVELIN THROW (400 grams)

50	123'9	37.72	Heather Doherty(AUS)	10- 2-83
	114'0	34 74	Karen Huff(IL)	9-20-92
51	147'4	44.90	Elvira Ozolina(URS)	7-20-91
	118'7	36 14	Becky Sisley(OR)	8- 4-90
52	143'9	43.82	G Schonauer(AUT)	7 29-89
	106'9	32 54	Becky Sisley(OR)	6-22 91

53	146'2	44 56	Lucyna Krawcewicz(POL)	7-20-91
	108'9	33 14	Becky Sisley(OR)	8-16-92
54	146'10	44 76	G Schonauer(AUT)	7-20-91
	105'5	32.14	Becky Sisley(OR)	7-30-93
55	151'2	46.08	G Schonauer(AUT)	8-29-92
	100'2	30 53	Christel Miller(CA)	7-15-90
56	152'2	46.38	G Schonauer(AUT)	10- 9-93
	97'1 1/2	29.60	Christel Miller(CA)	7- 7-91
57	119'10	36 54	Lieselotte Liess(FRG)	6-30-90
	102'2	31 14	Christel Miller(CA)	10- 3-92
58	120'2	36.64	Birute Kalediene(URS)	7-20-91
	104'1	31 72	Christel Miller(CA)	7 31-93
59	112'6	34.30	Antonina Ivanova(URS)	6-11-92
	92'4	28 14	Bernice Holland(OH)	5- 3-86
60	106'11	32 60	Lieselotte Liess(FRG)	10- 9-93
	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
	84'1	25 63	Barbara Brandt(WY)	6-22-91
62	105'9	32 24	Janina Paksyte(URS)	7-20-91
	85'8 1/4	26 12	Bernice Holland(OH)	7-29-89
63	84'11	25 88	Bernice Holland(OH)	8- 4-90
64	92'7 3/4	28 24	Rachel Hanssens(BEL)	10- 9-93
	86'7 1/2	26 40	Bernice Holland(OH)	7- 7-91
65	100'4	30 58	Joan Ogden(GBR)	7-16-92
	88'0	26 82	M Marie Lorenz(MT)	6-20-92
66	86'4	26 31	M Marie Lorenz(MT)	8-12-93
67	80'7 3/4	24 58	Hanna Gelbrich(FRG)	7-15-82
	69'4	21 13	Helen Stephens(MO)	6- 3-85
68	89'7 1/2	27 32	Marianne Barth(FRG)	10- 9-93
	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	79'6 1/4	24 24	Elga Meri(CAN)	5- 2-92
	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	74'5 3/4	22.70	Hanna Gelbrich(FRG)	7-20-91
	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
	p43'1	13.13	Sylvia Swartz(NY)	7-14-91
	p35'5	10.79	Alice Humphrey(SD)	9- 7-90
80	65'2	19.86	Hanna Gelbrich(FRG)	10- 9-93
	20'4	6.20	Marilla Salisbury(CA)	7-23-88
81	56'2	17.12	Irja Sarnama(FIN)	8-31-87
	48'0 1/2	14.64	Edith Mendyka(CA)	9-20-92
82	49'5	15 06	Irja Sarnama(FIN)	12- 1-87
	23'0 1/2	7 02	Marilla Salisbury(CA)	8- 4-90
83	18'3 3/4	5.58	Marilla Salisbury(CA)	7-20-91
84	18'10 3/4	5.76	Marilla Salisbury(CA)	8-16-92
85	45'1	13.74	Irja Sarnama(FIN)	7-20-91
	19'5 1/4	5.92	Marilla Salisbury(CA)	8-12-93
86	21'4 1/4	6 51	Marilla Salisbury(CA)	9-19-93
87	14'5 1/4	4 40	Sarah Packham(GBR)	11- 5-90

WEIGHT THROW (20 pounds)

35	26'5	8.05	Sandra Stepp(CA)	6-16-85
36	38'7	11 76	Joan Stratton(CA)	7- 2-88
37	41'5	12.62	Jody Murray(FL)	4-20-91
38	38'9	11 81	Joan Stratton(CA)	3-17-90
39	38'9	11.81	Joan Stratton(CA)	1- 4-91
40	39'11 1/4	12.17	Joan Stratton(CA)	2-15-92
41	39'0 1/2	11.90	Joan Stratton(CA)	9-18-93
42	24'11 1/4	7.60	Kathleen Pierce(NY)	3-24-90
44	26'9	8.15	Joanne Grissom(IN)	7- 3-83
45	30'0 3/4	9.16	Liz McBlain(CAN)	3-20-93
	23'0 3/4	7.03	Lurline Struppeck(LA)	8-24-91
46	17'4 3/4	5.30	Barbara Stewart(NY)	7-17-88
47	29'9	9.07	Brenda Bloomfield(SC)	6-24-89
48	34'1	10.39	C. Battersby(AUS)	11- 8-92
	32'9	9.98	Vanessa Hilliard(FL)	3-24-90
49	36'6	11 12	Brenda Bloomfield(SC)	6-22-91
56	22'4 1/2	6.82	Anne Cirulnick(NY)	3-17-91
70	21'9 1/2	6.64	E Hagamann(MA)	3-17-91
71	p8'7	2.61	Beryl Siringer(OH)	1- 5-85
82	15'2 3/4	4 64	Rubye Fowler(TN)	9-21-91

WEIGHT THROW (16 pounds)

50	48'11	14 91	Vanessa Hilliard(FL)	12-29-91
51	44'1 1/2	13.45	Janice Davies(AUS)	11- 8-92
	40'6 1/4	12.35	Joanne Grissom(IN)	3-24-90
52	31'2	9 50	June Meyer(CAN)	6-30-90
53	34'4 1/4	10.47	Joanne Grissom(IN)	9- 8-91
54	38'3	11.66	Joanne Grissom(IN)	9-13-92
55	36'10 1/2	11.24	Joanne Grissom(IN)	9-25-93
56	28'9 3/4	8.78	Dortha Swanson(NY)	9-13-92
57	30'1	9 17	Anne Cirulnick(NY)	3-22-92
58	28'2 1/4	8.59	Anne Cirulnick(NY)	3- 7-93
59	19'4	5.89	Bernice Holland(OH)	9-14-86
60	27'2 1/2	8.29	Sally Polk(NM)	3-24-90
61	29'3 1/4	8 92	Mary Thomson(CAN)	6-30-90
	23'10 1/2	7 28	Bernice Holland(OH)	1-20-89
62	30'4 1/4	9.25	Sally Polk(NM)	9- 5-92
63	32'11 3/4	10.05	Bernice Holland(OH)	3-24-90
64	29'6	8.99	Bernice Holland(OH)	9- 8-91
65	29'9 1/2	9 08	Bernice Holland(OH)	9-13-92
66	32'11	10 03	Lydia Widera(AUS)	11- 8-92
	32'5 3/4	9 90	Bernice Holland(OH)	9-12-93
67	19'6	5 94	Estelle Jenkins(CAN)	9- 5-92
	9'0 1/4	2.75	E. Partridge(FL)	12-11-82
68	24'9 1/4	7 55	Mary E Norckauer(LA)	7-23-93
69	19'1 1/4	5.82	E. Hagamann(MA)	3-17-90
70	p10'5 1/2	3 19	Beryl Siringer(OH)	10- 9-83
	p9'7 1/4	2.93	Beryl Siringer(OH)	8- 6-83
71	26'2 1/4	7 98	E. Hagamann(MA)	4- 4-92
72	27'7 1/2	8.42	E. Hagamann(MA)	3- 7-93
76	20'5	6.22	Betty Jarvis(NC)	5- 2-92
78	26'11 3/4	8.22	Betty Jarvis(NC)	9-25-93
82	16'11 1/4	5.16	Rubye Fowler(TN)	9-21-91

MEN'S RACE WALKING

3k WALK

40	13 27y	Bob Keating(NH)	3-15-87
41	12 35i	Ray Funkhouser(NJ)	2-23 92
42	12 26	Ray Funkhouser(NJ)	1 10-93
43	13 08y	Larry Walker(CA)	1-11-86
44	13:24	Gary Null(NY)	4-23-89
45	13:21i	Gary Null(NY)	2-29-90
46	13 20i	Gary Null(NY)	2-17-91
47	13:17i	Gary Null(NY)	3-22-92
48	13 00i	Don Denoon(IL)	2 7-92
49	12 06	Gary Little(NZL)	11 23-91
	14 15	Tom Knatt(NH)	2 4-90

50	12:58Y	Gary Little(NZL)	2- 8-92
	12:59	Don Denoon(IL)	6-27-93
51	12 18	Gary Little(NZL)	1-23-93
	15 00yi	John Elwarner(MI)	2-23-91
52	15 08yi	Sal Corrallo(VA)	2-20-83
53	15:29i	Paul Johnson(AR)	3-23-91
54	14:59i	Paul Johnson(AR)	4- 4-92
55	14 23y	Maurice Hinton(NZ)	11-10-90
	15:34	Paul Johnson(AR)	6-10-93
56	14:29	David Stevens(GB)	7-18-92
	15 16i	Jack Boitano(CT)	3-18-89
57	14:30	Max Green(MI)	10-21-89
58	14:39i	Jack Boitano(CT)	2-24-91
59	14:33	Max Green(MI)	7- 4-91
60	14:43	Max Green(MI)	6-27-92
61	16:34	Bob Fine(NY)	7-19-92
62	16:15	Bob Fine(NY)	8-22-93
63	15:58yi	Robert Mimm(NJ)	1-10-88
64	17 18	Owen Mildon(NZL)	3-13-93
	17 59yi	Don Johnson(NJ)	3-22-81
65	16:09i	Robert Mimm(NJ)	3-24-90
66	18:00	George Heller(NY)	3-12-89
67	16:57i	Robert Mimm(NJ)	4- 4-92
68	17:22i	George Heller(NY)	2-24-91
69	17:17i	Don Johnson(NJ)	3-23-86
70	18:11y	Gordon Wallace(AZ)	4-19-80
71	18:32yi	Dave Lakritz(NY)	2-15-81
	19:02y	Gordon Wallace(AZ)	8- 8-81
72	18:56y	Gordon Wallace(AZ)	6-12-82
73	19:09y	Gordon Wallace(AZ)	8-20-83
74	19:17y	Giulio Depetra(CA)	5-19-85
75	19:28y	Chesley Unruh(CA)	6-19-82
76	21:23yi	Byron Fike(OH)	2-26-84
77	20 48yi	Martin Bartels(IL)	1- 4-86
78	20:52yi	Martin Bartels(IL)	3-15-87
79	22:47yi	Byron Fike(OH)	2-22-87
80	17:42	James Grimwade(GB)	3-20-93
	22:36y	Paul Fairbank(MD)	12- 7-86
81	21 49	Byron Fike(OH)	10-21-89
82	23:05i	Byron Fike(OH)	2-21-90
83	24 12y	Paul Fairbank(MD)	10-22-89
84	24:22y	Sam Gadless(FL)	11-23-91
85	25 00yi	Earl Bailey(VA)	3-11-84
86	24 40i	George Conway(MA)	3-18-89
88	36:51y	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
	20:57	Ray Funkhouser(NJ)	7- 6-92
42	21:04	Ray Funkhouser(NJ)	5-14-93
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
	21:50	Larry Walker(CA)	6-15-91
49	20:55	Gary Little(NZL)	12- 7-91
	22:01	Larry Walker(CA)	2-23-92
50	21:01	Gary Little(NZL)	2-16-92
	21:41	Don Denoon(IL)	9-18-93
51	21 12	Gary Little(NZL)	2-17-93
	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 20	John Elwarner(MI)	5-29-93
54	24 18	Max Green(MI)	11-10-86
55	22:45	V Golubnichiy(URS)	7-21-91
	24 16	Max Green(MI)	5-17-87
56	24:29	Paul Johnson(AR)	10-16-93
57	24 42	Max Green(MI)	4-23-89
58	24:36	Max Green(MI)	4-21-90
59	24 24	Max Green(MI)	7-21-91
60	24 48	Bryan Hawkins(GB)	5-24-88
	25 00	Max Green(MI)	7-18-92
61	25 12	Max Green(MI)	10-16-93
62	25 37	Max Gould(CAN)	6-14-80
	27:11	Anthony Medieros(MA)	8- 8-75
63	28:21	Don Johnson(NJ)	8 4-80
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
	26:55	Robert Mimm(NJ)	2-10-91
67	27:02	Olaf Petterson(SWE)	7-21-91
	27:53	Robert Mimm(NJ)	8-23-92
68	26 23	Tom Daintry(AUS)	4-15-79
	28 22	Robert Mimm(NJ)	6- 6-93
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
	34 46	Giulio Depetra(CA)	6- 8-91
81	33:57	Tom Daintry(AUS)	12- 1-92
	34:29	Giulio Depetra(CA)	7- 1-92
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
	36 48	Sam Gadless(FL)	3-28-92
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

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
	43:26	Ray Funkhouser(NJ)	4-25-92
42	41 14	Willi Sawall(AUS)	5-26-84
	43 47	Ray Funkhouser(NJ)	4-24-93
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	45:34	Gary Little(NZL)	11- 4-90
	46 27	Larry Walker(CA)	4-21-91
49	43 44	Gary Little(NZL)	10-12-91
	45 44	Don Denoon(IL)	7-11-92
50	42 20	Gary Little(NZL)	2-16-92
	45:49	Don Denoon(IL)	6-18-93
51	44 33	Gary Little(NZL)	4-17-93
	49 11	John Elwarner(MI)	9-30-90
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	50 23	Max Green(MI)	7 13-91
60	51 02	Max Green(MI)	5-31 92
61	51 20	Max Gould(CAN)	10-14-78
	51 29	Max Green(MI)	9-11 93
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	56:14	Robert Mimm(NJ)	1-20-91
67	58:03	Chico Scimone(ITA)	7-28-79
	58:24	Robert Mimm(NJ)	7-11-92
68	57 12	Dick Horsley(AUS)	7-18-81
	58:33	Robert Mimm(NJ)	7-10-93
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

Don DeNoon, M50, first overall (1:34:55) in the men's 20K racewalk, WAVA Games, Japan

Photo by Kathryn Carmines

73	57:17	James Grimwade(GB)	11-17-85
	61:03	Cokey Daman(VA)	7-11-92
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	69:01	Tom Daintry(AUS)	12- 5-92
	69:48	Ellery Clark(MA)	7-13-91
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
	76:00	Tony Perona(CA)	6-23-91
84	83:46	Tony Perona(CA)	6- 7-92
86	83:56	George Conway(MA)	7- 8-89
87	82:44	George Conway(MA)	7- 7-90
88	83 51	George Conway(MA)	6-23-91
90	89:55	George Conway(MA)	7-10-93

15k WALK

40	1:04 26	Willi Sawall(AUS)	4-28-82
	1:07:34	Larry Walker(CA)	5-15-83
41	1:07:52	Ray Funkhouser(NJ)	6-10-92
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	1:10:39	Larry Walker(CA)	3-16-91
49	1:06:00	Gary Little(NZL)	10-12-91
	1:16:37	Jack Boitano(CT)	6-27-82
50	1:04:18	Gary Little(NZL)	2-16-92
	1:11:00	Don Denoon(IL)	6-18-93
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	1:18:44	Max Green(MI)	4-14-91
60	1:21:10	Max Green(MI)	4-12-92
61	1:27:12	Howard Jacobsen(NY)	9-16-92
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	1:26:19	Robert Mimm(NJ)	2-23-91
67	1:27:42	Robert Mimm(NJ)	2- 7-92
68	1:33:37	Robert Mimm(NJ)	12-27-92
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
	1:29:57	Dan O'Connor(NY)	5-10-92
41	1:25:11	Willi Sawall(AUS)	9- 3-83
	1:29:35	Ray Funkhouser(NJ)	8-29-92
42	1:23:27	Willi Sawall(AUS)	4- 5-84
	1:33:29	Ray Funkhouser(NJ)	3-28-93
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
	1:41:01	Bob Keating(NH)	4- 5-92
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	1:34:21	Larry Walker(CA)	3-16-91
49	1:28:32	Gary Little(NZL)	10-12-91
	1:32:21	Don Denoon(IL)	3-28-93
50	1:26:32	Gary Little(NZL)	2-16-92
	1:34:55	Don Denoon(IL)	10-11-93
51	1:30:07	Gary Little(NZL)	3- 7-93
	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	1:45:56	Max Green(MI)	4-14-91
60	1:47:38	Max Gould(CAN)	8-13-77
	1:48:44	Max Green(MI)	4-12-92
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	1:55:52	Robert Mimm(NJ)	7-25-91
67	2:00:18	Max Gould(CAN)	6-29-85
	2:00:51	Robert Mimm(NJ)	5- 3-92
68	2:01:42	J. Stork-Zofka(CZE)	8-13-77
	2:02:20	Robert Mimm(NJ)	10-11-93
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
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	2:04:49	James Grimwade(GB)	6-20-92
	2:24:48	Giulio Depetra(CA)	7-25-91
81	2:19:25	Giulio Depetra(CA)	7- 3-92
82	2:29:00	Giulio Depetra(CA)	10-11-93
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	1:52:10	Gary Little(NZL)	10-12-91
	2:16:59	Sal Corrallo(VA)	11- 2-80
50	1:59:58	Gary Little(NZL)	4-12-92
	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	2:49:06	Cokey Daman(VA)	12-31-92
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
	4:13:53	Dan O'Connor(NY)	4-21-92
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	4:39:27	Gary Little(NZL)	6- 2-91
	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	5:41:05	John Stowers(TX)	3-17-91
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
	p7:18:21p	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

USA racewalkers celebrate their USA team medals at the World Veterans Championships in Miyazaki, Oct. 7-17. From left: California's Jolene Steigerwalt, Seattle's Bev LaVeck, Colorado's Viisha Sedlak.

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	8 42i	Beverly La Veck(WA)	6- 7-89
54	10 52	June Stand(CA)	4-18-87
	10 08p	Nancy Whitney(MD)	9-22-91
55	8 46	Beverly La Veck(WA)	6- 5-91
56	8 59	Beverly La Veck(WA)	7-29-92
57	8 52.8	Beverly La Veck(WA)	7-21-93
58	8 57	Joyce Decker(IL)	7-23-92
59	8 59 0	Joyce Decker(IL)	7-26-93
60	9:37	Ruth Leff(WI)	8-23-87
61	8 48	Ruth Eberle(MO)	7-29-92
62	9 37i	Ruth Leff(WI)	2- 3-90
63	9:30	Ruth Leff(WI)	7-22-90
64	9:49	Ruth Leff(WI)	10-27-91
65	9:24	Ruth Leff(WI)	7-23-92
66	9 29 0	Ruth Leff(WI)	7-26-93
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	10 14	Fan Benno(TX)	5-29-92
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

3k WALK

35	16 25 4i	Cath Reader(GBR)	3-31-90
	16 50 66i	Cindy Paffumi(CA)	3-24-90
36	13 55 8	Irene Bateman(GBR)	5-19-84
	p15:30 6	Therese Ikonian(CA)	5-15-93
38	p16 18.85i	Mataji Graham(NM)	4- 4-92
39	14 11.8	Suzanne Griesbach(FRG)	7-21-84
40	15:12	Gayle Johnson(MO)	10-21-89
41	16:24.6i	Phyllis Hansen(NJ)	3-19-93
42	17:07y	Jolene Steigerwalt(CA)	6-28-86
	p13 26.6i	Suzanne Griesbach(FRG)	- -87
43	14:23.33i	Viisha Sedlak(CO)	4- 4-92
44	15 12 2i	Viisha Sedlak(CO)	3-19-93
45	16:35y	Jo Ann Nedelco(CA)	4-15-89
	p16:12 53i	Jocelyn Richards(CAN)	2- 7-87
46	16:16.0	Donna Cunningham(CA)	9-11-93
47	16 03y	Jo Ann Nedelco(CA)	6- 9-90
48	16:30	Jeanne Bocci(MI)	4- 4-92
49	15:41.6	Jo Ann Nedelco(CA)	5-15-93
50	16 12	Beverly La Veck(WA)	6- 7-86
	p15 13 2i	Vieno Heikkila(FIN)	- -88
51	16 06	Beverly La Veck(WA)	6- 6-87
52	15 35 8i	G Migliasso(ITA)	3- 3-90
	16 28	Beverly La Veck(WA)	6- 4-88
53	16 19	Beverly La Veck(WA)	7- 7-89
54	16 42	Mary Worth(GBR)	7-31-83
	16:49.8i	Elton Richardson(NY)	2-28-93
55	17 11.39i	G. Migliasso(ITA)	2- 5-93
	17 21	Beverly La Veck(WA)	2-29-92
56	17:09.2	Beverly La Veck(WA)	6-13-92
57	17:18	Joyce Decker(IL)	9-29-91
58	17 32 8	Joyce Decker(IL)	7-11-92
59	16:31	Mary Worth(GBR)	6-18-88
	17:26 6	Joyce Decker(IL)	7-10-93
60	16:28 6	Mary Worth(GBR)	7- 9-89
	19:37y	Ruth Leff(WI)	8-30-87
61	17 40 11i	Ruth Eberle(MO)	2-20-93
62	18 42i	Ruth Leff(WI)	1-27-90
63	18 38i	Ruth Leff(WI)	1- 5-91
64	19:07i	Joan Rowland(NY)	3-23-91
65	18 50	Ruth Leff(WI)	6-28-92
66	18:39	Ruth Leff(WI)	8- 4-93
67	20 13iy	Ernestine Yeomans(CAN)	2-22-87
	20:54i	Queenie Thompson(NY)	3-24-90
68	20 02 0	Miriam Gordon(FL)	8-22-93
	p17 32i	Britta Tibbling(SWE)	- -87
69	23 00y	Ernestine Yeomans(CAN)	1-28-89
	24 44y	Bonnie Kolsom(HI)	7-23-86
70	20 40	Ernestine Yeomans(CAN)	10-21-89
	23 45 0i	Queenie Thompson(NY)	3 19-93
	p17 38 2i	Britta Tibbling(SWE)	-88
71	18:04 4	Britta Tibbling(SWE)	7- 5-89
	24:31y	Adaline Crocker(HI)	8-28-83
72	22 12i	Ernestine Yeomans(CAN)	3-10-91
	22 18y	Fan Benno(TX)	5-18-90
73	22 28.6i	Ernestine Yeomans(CAN)	2-14-93
	25 24y	Marilla Salisbury(CA)	8- 8-81
74	21:53y	Fan Benno(TX)	5-29-92
75	22 17 08i	Mildred Crews(WI)	3-24-90
	p21:12 2i	Alda De Grandis(ITA)	3- 2-90
	p21:21i	Nora Wedemo(SWE)	- -88
76	23:03	Kay Kenneth-Low(NZ)	11- 3-90
	26:55	Helen Stout(WA)	6- 7-86
77	27 27yp	Marilla Salisbury(CA)	8- 4-85
78	34:44y	Esther Dutton(CA)	4- 1-89
79	32:50y	Elena Carola(CA)	9-19-87
80	24 15	Louise Swanson(WA)	6- 3-89
81	24 00	Nance Jeffreys(AUS)	11- 3-90
	24 12	Louise Swanson(WA)	6- 2-90
82	25 14	Louise Swanson(WA)	6- 1-91
87	33 24	Sarah Packham(GB)	11- 3-90

5k WALK

35	26:17.0	Sandra Brown(GBR)	8-22-84
	p24:43.8	Bonnie Dillon(CA)	7-24-82
36	23:46 8	Lilien Miller(GBR)	6-28-81
	24:53	Vickie Jones(CA)	4-25-82
37	23 16	Suzanne Griesbach(FRG)	5-25-82
38	25 00 27	Lilien Miller(GBR)	9-26-83
39	23:55.6	Suzanne Griesbach(FRG)	6-30-84
	26:33.09	Cindy Paffumi(CA)	8-12-93
40	24:52.14	Sally Richards-Kerr(CO)	8-13-93
	23 27p	Suzanne Griesbach(FRG)	6-15-85
41	24:14	Sally Richards-Kerr(CO)	9-18-93
42	24:18	Viisha Sedlak(CO)	7-21-91
43	25:07	Viisha Sedlak(CO)	8-14-92
	p24:38	Jacqueline Bonnet(FRA)	- -
44	24 14	Gayle Johnson(MO)	8-29-93
45	25 51	Lori Maynard(CA)	5-30-81
46	25 28	Jo Ann Nedelco(CA)	9-24-89
	p24:52	Jacqueline Bonnet(FRA)	- -
47	25:00	Jo Ann Nedelco(CA)	9-30-90
48	25:41	Jo Ann Nedelco(CA)	6- 8-91
49	26 16	Jo Ann Nedelco(CA)	9-27-92
50	26:01.0	Waltraud Seiler(GER)	7-21-91
	26:53	Jo Ann Nedelco(CA)	9-25-93
51	26:42	Beverly La Veck(WA)	7-31-87
52	26:06.83	Waltraud Seiler(GER)	10-16-93
	28:28	Beverly La Veck(WA)	3- 4-89
53	26:29 4	G. Migliasso(ITA)	7-21-91
	27:59	Beverly La Veck(WA)	8- 5-89
	p25:54.8	Vieno Heikkila(FIN)	7-21-91
54	28:21.8	Elton Richardson(NY)	4-24-93
55	27:37.45	Olga Meyer(FRG)	9-26-83
	28 23	Beverly La Veck(WA)	9-28-91
56	27 17.2	Olga Meyer(GER)	8-22-84
	28:25	Ruth Eberle(MO)	7-31-87
57	28:44 4	Beverly La Veck(WA)	11-20-93
58	26:47	Jean Albury(AUS)	12- 4-87
	29:56	Joyce Decker(IL)	5-16-92
59	28:22	Mary Worth(GBR)	12- 4-87
	29:30.0	Joyce Decker(IL)	9- 1-93
60	29:22.2	Gisela Gladh(SWE)	8-22-84
	32:11	Ruth Leff(WI)	9- 7-87
61	29:07	Helena Rothman(RSA)	1-23-93
	29:35	Ruth Eberle(MO)	8-14-92
62	29:02	Ruth Eberle(MO)	8-29-93
	p28:47	Olga Meyer(FRG)	- -90
63	28:45.0	Olga Meyer(FRG)	7-21-91
	31:16	Collie Greene(CA)	8- 5-89
64	29:37 28	May Bengtsson(SWE)	9-26-83
	31:02	Ruth Leff(WI)	4-21-91
65	30:10 0	May Bengtsson(SWE)	8-22-84
	31:30	Miriam Gordon(FL)	7- 1-91
66	29:22 2	Britta Tibbling(SWE)	8-22-84
	31 06 0	Ruth Leff(WI)	9- 1-93
67	32 11 0	Ewa Eriksson(SWE)	8-22-84
	32 46	Ruth Van Sandt(CA)	8- 5-89
68	30:37	May Bengtsson(SWE)	12- 4-87
	32 48	Miriam Gordon(FL)	10-16-93
69	29:33	Britta Tibbling(SWE)	12- 4-87
	35 11	Frances Kinney(MI)	7- 1 91
70	34 36	Luise Nottage(NM)	7- 1 91
71	29 16	Britta Tibbling(SWE)	7-21-89
	34 59	Imogene Watkins(MS)	7- 1 91
72	35 07	Velma Jacobs(CO)	8 5-88

73	30 50 2	Britta Tibbling(SWE)	7-21-91
	38 04	Fan Benno(TX)	7- 1-91
74	37 04	Nora Wedemo(SWE)	12- 4-87
	39 16	Marilla Salisbury(CA)	6-19-82
75	32 44 76	Britta Tibbling(SWE)	10-16-93
	36:51	Velma Jacobs(GREELEY(CO)	7- 1-91
76	37:28	Margit Lindgren(SWE)	12- 4-87
	38 34	Eleanor Miller(NC)	7- 1-91
77	35 48 2	Ailsa Forbes(NZ)	12- 4-87
	36 26	Helen Sutter(FL)	3-31-90
78	37 04	Nance Jeffreys(AUS)	12- 4-87
	37 56	Estelle Frendberg(AZ)	7- 1-91
79	39:00	Anne Clarke(IL)	8- 5-89
80	37 41	Polly Clarke(CO)	7- 1-91
81	40:29	Anne Clarke(IL)	7-21-91
82	37:57	Polly Clarke(CO)	8-14-92
83	46 22	Marilla Salisbury(CA)	7-21-91
84	66:57	Marilla Salisbury(CA)	8-14-92
85	58:09	Sue Matthews(PA)	7- 1-91
86	46:57	Anna Ward(MO)	7- 1-91

10k WALK

36	47:46	Lynda Brubaker(PA)	9-26-93
37	49:51.6	Suzanne Griesbach(FRG)	8-28-82
38	52 41	Lilien Miller(GBR)	9-28-83
39	48:21.4	Suzanne Griesbach(FRG)	5-13-84
	49:07	Elizabeth Galasso(NY)	3-29-92
40	49:10	Suzanne Griesbach(FRG)	7- 9-85
	50:36	Sally Richards-Kerr(CO)	3-28-93
41	49:15.0	Viisha Sedlak(CO)	6-16-90
42	49:59	Jane Jackson(NZL)	11-19-89
	50:14	Viisha Sedlak(CO)	7-25-91
43	50:55	Gayle Johnson(MO)	3-29-92
44	52 00	Lori Maynard(CA)	6-29-80
45	52:57	Jane Jackson(NZL)	10-10-92
	52:58	Lori Maynard(CA)	7-19-81
46	52:53	Jo Ann Nedelco(CA)	4-28-90
	p52 49 0	Vieno Heikkila(FIN)	7-24-84
47	50:40	Jo Ann Nedelco(CA)	9-30-90
48	53:27	Jo Ann Nedelco(CA)	6-23-91
49	54:33	Shiela Miller(AUS)	11-29-87
	55:42	Jo Ann Nedelco(CA)	8-16-92
50	53 11	Waltraud Seiler(GER)	7-21-91
	57 06	Jo Ann Nedelco(CA)	8-14-99
51	57 06	Olga Meyer(FRG)	7-31-79
	57:22	Beverly La Veck(WA)	11-29-87
52	54 47	Waltraud Seiler(GER)	10-11-93
	58:28	Jill Latham(CA)	7-30-89
53	57 21	Beverly La Veck(WA)	7-30-89
	p55 04	Vieno Heikkila(FIN)	7-21-91
54	57 17	Margareta Ohlsson(SWE)	1-13-81
	57:21	Elton Richardson(NY)	8-14-93
55	58:26	Beverly La Veck(WA)	5-12-91
56	60:05	Beverly La Veck(WA)	8-16-92
57	60.36	Joyce Decker(IL)	5-27-91
58	59:31	Ruth Eberle(MO)	7-30-89
59	57:00	Olga Meyer(FRG)	11-29-87
	59:08 2	Joyce Decker(IL)	9-19-93
60	59:05	Mary Worth(GBR)	12-17-88
	66 19	Ruth Leff(WI)	9-20-87
61	57:22	Britta Tibbling(SWE)	7-31-79
	59:43	Ruth Eberle(MO)	8-16-92
62	56:54	Britta Tibbling(SWE)	1-13-81
	61:50	Ruth Eberle(MO)	8-14-93
63	59:27	Olga Meyer(FRG)	7-25-91
	64 55	Joan Rowland(NY)	7-30-89
64	63:31	May Bengtsson(SWE)	9-28-83
	65 20	Joan Rowland(NY)	7- 7-90
65	61:03	Britta Tibbling(SWE)	9-28-83
	64:45	Ruth Leff(WI)	6- 6-92
66	63:31	Eva Wistrom(SWE)	11-29-87
	65 11 0	Ruth Leff(WI)	9-19-93
67	68:59	Ruth Van Sandt(CA)	7-30-89
68	63 13	May Bengtsson(SWE)	11-29-87
	65:28	Miriam Gordon(FL)	10-11-93
69	59:51	Britta Tibbling(SWE)	11-29-87
70	70 02	Ruth Van Sandt(CA)	5- 2-92
71	62:08	Britta Tibbling(SWE)	7-30-89
	71 45	Imogene Watkins(MS)	7-25-91
72	78 45	Ailsa Forbes(NZ)	9-28-83
	83:29	Adaline Crocker(HI)	2-19-84
73	62 45	Britta Tibbling(SWE)	7-25-91
	85 10	Adaline Crocker(HI)	2-17-85
74	73 19	Nora Wedemo(SWE)	11-29-87
	88 13	Adaline Crocker(HI)	8- 3-86
75	67:56	Britta Tibbling(SWE)	10-11-93
	82:56	Adaline Crocker(HI)	8-16-87
76	76:47	Margit Lindgren(SWE)	11-29-87
77	77:22	Ailsa Forbes(NZ)	11-29-87
	83:34	Adaline Crocker(HI)	7-30-89
78	73:52	Ailsa Forbes(NZ)	7-30-89
80	76:28	Margit Lindgren(SWE)	7-25-91
	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	6-1013	10.582 E. Waldbridge(NM)	11-17-90
41	6-796	10 384 Jolene Steigerwalt(CA)	10-20-84
42	6-1226	10 777 Lori Maynard(CA)	8-27-78
	p6-1260	10.808 Jeanette Smith(IN)	10-20-91
43	6-519	10.131 Jolene Steigerwalt(CA)	11-15-86
	p6-1016	10.585 Jeanette Smith(IN)	10-17-92
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	7-159	11.411 Jo Ann Nedelco(CA)	7-15-90
48	6-679	10 277 Jolene Steigerwalt(CA)	12-17-91
49	6-491	10 105 Jeanne Bocci(MI)	9-12-92
50	6-59	9.710 Lois Dicker(MD)	10-22-89
51	6-70	9.720 Helen Jo Hillman(DC)	10-23-88
52	6-445	10 063 Beverly La Veck(WA)	11- 5-88
53	6-541	10 151 Elton Richardson(NY)	10-17-92
54	6-597	10.202 Elton Richardson(NY)	10- 3-93
55	6-439	10.058 Beverly La Veck(WA)	10-12-91
56	6-275	9.908 Beverly La Veck(WA)	11-14-92
57	6-279	9.911 Joyce Decker(IL)	5-27-91
58	6-119	9 765 Joyce Decker(IL)	6- 6-92
59	6-543	10.153 Joyce Decker(IL)	9-19-93
60	5-1654	9.559 Ruth Eberle(MO)	10-15-91
61	6-49	9.701 Ruth Eberle(MO)	10-18-92
62	5-1251	9 191 Ruth Leff(WI)	10- 8-89
63	5-1204	9 148 Patricia Nesley(DC)	10-26-91
64	5-1262	9.201 Patricia Nesley(DC)	10-18-92
65	5-1339	9.271 Ruth Leff(WI)	6- 6-92
66	5-1272	9.210 Ruth Leff(WI)	9-19-93
67	5-36	8.080 Rose Kash(CA)	12-10-88
68	5-206	8.235 Rose Kash(CA)	12- 9-89
69	4-1660	7.955 Rose Kash(CA)	12-23-90
70	4-1536	7.842 Rose Kash(CA)	12- 7-91
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	4-1522	7.829 Velma Jacobs(CO)	9-22-91
76	4-1491	7 801 Velma Jacobs(CO)	9- 7-92
77	4-61 p	6.493 Marilla Salisbury(CA)	8- 4-85
	p4-974	7.328 Mary Lathram(US)	10-18-92
78	4-120	6.547 Bernice Springer(KS)	10-13-90
79	2-1684	4.759 Esther Dutton(CA)	7-15-90
80	4-59	6.491 Bernice Springer(KS)	10-10-92
82	p3-707	5.475 Dorothy Roberts(US)	11- 1-92

15k WALK

36	1 19 42	Lynda Brubaker(PA)	10-31-93
40	1 26:13	Jolene Steigerwalt(CA)	1- 8-84
41	1 20 06	Sally Richards-Kerr(CO)	9- 5-93
42	1 21 46	Viisha Sedlak(CO)	5-12-91
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	1:24 40	Jo Ann Nedelco(CA)	5-12-91
48	1:36 10	Kathy Frable(TX)	9- 5-93
49	1 27 34	Lori Maynard(CA)	3-30-85
50	1 28 50	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	1:28 03	Beverly La Veck(WA)	5-12-91
56	1:30 42	Ruth Eberle(MO)	8-16-87
57	1:36 16	Joyce Decker(IL)	10-20-91
58	1 41 15	Joyce Decker(IL)	10-18-92
59	1 38 09	Joyce Decker(IL)	10-24-93
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 42 30	Ruth Leff(WI)	5-27-91
65	1 44 05	Ruth Leff(WI)	10-18 92

66	1 39 58	Ruth Leff(WI)	9-19-93
67	1 51 49	Rose Kash(CA)	3-19-89
68	1:52 18	Mayme Bdera(NY)	10- 9-83
69	1 57:39	Ernestine Yeomans(CAN)	4-17-88
70	1:59 21	Rose Kash(CA)	5-24-92
71	2 06 41p	Thelma Greig(HI)	4- 6-86
72	2:04 45	Adaline Crocker(HI)	6-17-84
73	2:08:09	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

35	1 40:45	Irene Bateman(CBR)	4- 9-83
	p1:53:55	Bonnie Dillon(CA)	3-28-82
36	1:47:34	Lynda Brubaker(PA)	10-31-93
38	1:50:54	Viisha Sedlak(CO)	8-16-87
39	p1:50:43	Ingrid Adam(FRA)	10-20-84
40	1:57:23	Jolene Steigerwalt(CA)	1- 8-84
	p1:50:56	S. Leinpinsel(SPA)	- -
41	1:48:29	Sandra Brown(GBR)	3- 2-91
	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
	p1:48.25	Vieno Heikkila(FIN)	- -
46	1:54 42	Lori Maynard(CA)	5- 9-82
47	1:58:25	Lori Maynard(CA)	8-21-83
48	1:53 50	Jo Ann Nedelco(CA)	11- 7-91
49	1:58:01	Lori Maynard(CA)	3-30-85
	p1:52 03	Heidi Maeder(SUI)	5-29-93
50	1:59:52	Beverly La Veck(WA)	12-13-86
51	1:56:18	Beverly La Veck(WA)	8-16-87
52	1 53.39	Waltraud Seiler(GER)	5-29-93
	2:06:03	Shiela Smith(CA)	3-20-88
53	2:05:58	Elton Richardson(NY)	9-13-92
54	2:04:12	Beverly La Veck(WA)	8- 5-90
55	2:06:54	Shiela Smith(CA)	5- 5-91
56	2 01:39	Ruth Eberle(MO)	8-16-87
57	2:09 43	Joyce Decker(IL)	10-20-91
58	2:14 28	Joyce Decker(IL)	10-18-92
59	2:02.45	Mary Worth(GBR)	4- 9-88
	2:12.40	Joyce Decker(IL)	10-24-93
60	2:04.34	Mary Worth(GBR)	4- 8-89
	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	2:20:15	Ruth Leff(WI)	10-20-91
65	2:12.02	Olga Meyer(FRG)	5-29-93
	2:18:07	Ruth Leff(WI)	10-18-92
66	2:22.15	Ruth Leff(WI)	10-24-93
67	2:24 40	Miriam Gordon(FL)	5-15-93
68	2:31:46	Mayme Bdera(NY)	10- 9-83
69	2:40.57	Ernestine Yeomans(CAN)	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

36	2:14:52	Lynda Brubaker(PA)	10-31-93
39	3:06:44	Laura Barnes(GA)	10-31-93
40	3 00:10	Jane Smith(WI)	10-22-89
42	2:35:57	Anne Vanderhoff(WA)	2-10-80
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	2:35:11	Beverly La Veck(WA)	5-22-83
48	3:02:46	Kathy Frable(TX)	10-31-93
49	3:06:10	Carlene Marion(NC)	4- 8-90
51	2:52:38	Lida Askew(TX)	3-12-78
52	2:49:08	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
57	2:43:56	Joyce Decker(IL)	10-20-91
58	2:51:02	Joyce Decker(IL)	10-18-92
59	2:48:08	Joyce Decker(IL)	10-24-93
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	2:59:28	Ruth Leff(WI)	10-20-91
65	2 53:30	Ruth Leff(WI)	10-18-92
66	3:00:58	Ruth Leff(WI)	10-24-93
68	3:14:39	Mayme Bdera(NY)	10- 9-83

50k WALK

41	7:11:22	Lori Maynard(CA)	12-11-77
42	5:29:04	Anne Vanderhoff(WA)	2-10-80
43	7:06:13	Isabel Stuper(NJ)	4- 8-90
44	5:30:35	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	5:37:24	Marina Hoernecke(PA)	4-10-93
52	5:52:21	Jill Latham(CA)	3- 5-89
53	5:43:26	Jill Latham(CA)	4- 8-90
56	6:50:15	Eliz Pettersen(NC)	3- 5-89
58	7:45:51	Dee Dee Walker(GA)	3- 5-89
64	7:27:49	Marie Henry(NJ)	2-21-88

MEN'S U.S. OUTDOOR MASTERS RECORDS

Running

100 yards	10 0	Dean Smith(SO CAL STRIDERS)	Fresno,CA	5 12 72
220 yards	22 3	Thane Baker(Dal as,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)	San 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 6	Eddie Hart(Oakland,CA)	Berkeley,CA	9-11-89
200 meters	21 86	Bill Collins(Houston,TX)	Spokane,WA	8-15-92
400 meters	48 44	James King(San Diego,CA)	Eugene,OR	8- 5-89
800 meters	1 52 5	ken Popejoy(Wheaton,IL)	Naperville,IL	5-31-91
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	54'4 3/4	Ray Kimble(US)	Edinburgh	7- 2-93
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) (11 85,6 26,12.09,1 73,54 08,15.60,39.71,4 30,50 94,5 28 06)	Eugene,OR	7-29-89
pentathlon	3117	Gary Miller(CORONA DEL MAR TC) (6.01,48.96,23 47,35.10,4 45 2)	San Juan,PR	9-30-83

Relays

440 (4x110)	44 4	CORONA DEL MAR TRACK CLUB (Davisson-Jackson-Schlegal Stolpe)	San Diego,CA	7 1 72
880 (4x220)	1 32 9	CORONA DEL MAR TRACK CLUB (Dennis Waterman-Segal-Knox)	Irvine,CA	5-31-77
one mile (4x440)	3 29 5	SOUTHERN CALIFORNIA STRIDERS (Lee-Newton-Cohen Knocke)	Los Gatos,CA	8 16 81
two mile (4x880)	8 25 4	WEST VALLEY TRACK CLUB (Cathcart-Donaldson-Knebel-Richardson)	Berkeley,CA	9- 6 80
sprint medley (440-220-220-880)	3 42 0	CORONA DEL MAR TRACK CLUB (Knox-Dennis-Segal-Miller)	Pomona,CA	5 20 78
distance medley (440-880 1320-one mile)	11 03 8	SOUTHERN CALIFORNIA STRIDERS (Knocke-Lee-Elliot-Cohen)	Northridge,CA	5-15-82
4 MILE (4 X one mile)	18:33 4	WEST VALLEY TRACK CLUB (Wellck-Richardson-Knebel-Cathcart)	Berkeley,CA	9-15 79

Relays - Metric Distances

440 (4X110)	43 1	CORONA DEL MAR TRACK CLUB (Dennis-Smith-Segal-Miller)	Northridge,CA)	6 7-80
800 (4X200)	1 30.6	WEST VALLEY TRACK CLUB (Brooks-Knocke-Whitely-Duffy)	Lima	7-28-86
1600 (4X400)	3 25 40	PHILADELPHIA MASTERS CLUB (Abayomi-Stanford-Burnett-Roberts)	Philadelphia,PA	4-30-84
3200 (4X800)	p8:11 02	WEST VALLEY TRACK CLUB (Thomas-Franklin-Tracy-Mason)	New York,NY	7-19-86
sprint medley (440-220-220-880)	3 36 1	WEST VALLEY TRACK CLUB (Knocke-Edens-Smith-Cohen)	Philadelphia,PA	8-14-82
distance medley '440-880-1320-one mile)	10 53 8	PHILADELPHIA MASTERS (Huckel-Abayomi-Zwolak-Engelman)	New York,NY	7-11-82

MEN'S U.S. NATIONAL 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	10.88	Bill Collins(Houston,TX)	Naperville,IL	7- 5-91
200 meters	21.86	Bill Collins(Houston,TX)	Spokane,WA	8-15 92
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 55	Colin Williams(OK)	Provo,UT	8-12-93
400 meter hurdles (36")	53 10	James king(San Diego,CA)	Naperville,IL	7- 6-91
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	22:26.0	Raymond Funkhouser(Toms River,NJ)	Spokane,WA	8-14-92

Field Events

high jump	6'8	John Hartfield(Houston,TX)	New York,NY	7-18-86
pole vault	16'3	Ed Lipscomb(Portland,OR)	Spokane,WA	8-14-92
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) (11 51,6 41,14 37,1 80,55 2,15 12,44 22,3 90,53 86,5 19 2)	San Antonio,TX	6- 6-81
pentathlon	2933	Gary Miller(CORONA DEL MAR TC) (6 10,46 45,23 0,31 40,4 47 5)	Los Gatos,CA	8-16-81

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 U.S. 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 14 59	Ken Popejoy(Wheaton,IL)	New York,NY	2- 5-93
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 02	Bill Collins(Houston,TX)	Columbus,OH	4- 5-92
400 meters	50.64	James King(San Diego,CA)	E Rutherford,NJ	2- 9-90
800 meters	1:55 5	Ken Popejoy(Wheaton,IL)	Platterville,WI	1-30-93
1500 meters	3:56 7	Ken Popejoy(Wheaton,IL)	Chicago,IL	3-16-91
3000 meters	8:44 0	Peter Hallop(Ann Arbor,MI)	Ypsilante,MI	1-15-88
3000 meters	8:44 0	Ken Popejoy(Wheaton,IL)	Chicago,IL	1-16-93
5000 meters	15:55 0	Lew Faxon(TIDEWATER STRIDERS)	Lexington,VA	3- 7-81

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

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 1/4	Steve Harkins(NY)	Bozeman,MT	3-20-93
pole vault	15'3	Richard Christoph(Cincinatti,OH)	Cincinatti,OH	3- 1-92
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

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 19 09	METROPOLITAN A C (S Keyes-N Keyes Green Talib)	Blaine,MN	3 23 91
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

MEN'S U.S. NATIONAL 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

Running - Metric Distances

60 meters	6 97	Eddie Hart(Oakland,CA)	Madison,WI	3-24-90
200 meters	23 02	Bill Collins(Houston,TX)	Columbus,OH	4- 5-92
400 meters	50 16	Fred Sowerby(Antigua)	Columbus,OH	4- 3-92
800 meters	1 57 03	Ken Popejoy(Wheaton,IL)	Columbus,OH	4- 5-92
1500 meters	3:59 24	Nolan Smith(Pasadena,CA)	Blaine,MN	3-23-91
3000 meters	8 50 8	Albin Swenson(Wolcott,CT)	Columbus,OH	4- 2-89

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

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 1/4	Steve Harkins(NY)	Bozeman,MT	3-20-93
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)	p8:19 09	METROPOLITAN A C (S. Keyes-N Keyes-Green-Talib)	Blaine,MN	3-23-91
3200 (4X800)	p8:24.03	WEST VALLEY TRACK CLUB	Madison,WI	3-28-87

MEN'S U.S. OUTDOOR ALL-COMERS RECORDS

(Where different from U.S. citizens records above)

800 meters	1 55 20	Peter Browne(GBR)	Eugene,OR	8 1-89
1500 meters	3 49 47	Wilson Waigwa(KEN)	Eugene,OR	8- 5-89
one mile	4 01 39	Eammon Coghlin(IRL)	New York,NY	2 26 93
two miles	9 07 4	Fred Norris(GB)	Sulpher,LA	4-17-62
three miles	14 23	Fred Norris(GB,BOSTON AA)	Hudson,MA	6-12-63
5000 meters	14 26 43	Wilson Waigwa(KEN)	Eugene,OR	8- 1-89
four miles	19:39 0	Laurie Ohara(GB,BOSTON AA)	San Diego,CA	7- 6-73
five miles	24 46 6	Laurie Ohara(GB)	San Diego,CA	7- 6-73
six miles	29 25	Fred Norris(GB,BOSTON AA)	New London,CT	9-25-62
10,000 meters	30:37 82	Omer Van Noten(BEL)	Eugene,OR	7-30-89
5000 meter walk	22 01	Jean-Claude Berton(FRA)	Eugene,OR	8- 4-89
440 (4X110)	44 1	NEW YORK PIONEER CLUB (Riddick-Budd-Thomas-Bertrand)	New York,NY	7-20-77
880 (4X220)	1 32 8	NEW YORK PIONEER CLUB (Riddick-Budd-Thomas-Bertrand)	New York,NY	7-20-77
400 (4X100)	43 5	NEW YORK PIONEER CLUB (Riddick-Budd-Thomas-Bertrand)	New York,NY	7-20-77
400 (4X100)	43 41	US TEAM (Thiel-Ray-Mitchell-Whitley)	Eugene,OR	8- 6-89
400 (4X100)	p43 19	US TEAM (Austin-Collins-Mitchell-Hartfield)	Naperville,IL	7- 7-91
800 (4X200)	1 32 0	NEW YORK PIONEER CLUB (Riddick-Budd-Thomas-Bertrand)	New York,NY	7-20-77
1600 (4X400)	3 21 54	US TEAM (Thiel-Brinker-Tucker-King)	Eugene,OR	8- 6-89
3200 (4X800)	8:00 2	WEST VALLEY TRACK CLUB (Mason-Franklin-Thomas-Romaine)	Berkeley,CA	7- 7-84
distance medley (440-880-1320-one mile)	10 40 0	WEST VALLEY TRACK CLUB (Mason-Romaine-Thomas-Franklin)	Berkeley,CA	2-23-85

USA gold medalists in the W55 1600-meter relay in Miyazaki. From left: Katie McIntyre, Christel Miller, Liz Szawlowski, Marti Thielmann

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