

MASTERS AGE RECORDS 1991



Buell Crane, U.S., second M90 in the 100 (22.28), with Joginder Singh (l), India, first M95 in the 100 (22.82), and Mikko Salonen (r), Finland, third M90 in the 100 (35.57), IX WAVA Championships, July 18-28, Turku, Finland.
Photo by Christine Guy

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MASTERS AGE RECORDS FOR 1991

(1992 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 40 and above

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

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Masters Age Records 1991 has the blessing of The Athletics Congress (TAC) Masters Track & Field Committee, Barbara Kousky, Chairman. This book was published with the help of the National Masters News and Nolan Fowler (compiler of the weight throws).

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

These pages contain the known world and U.S. records in every standard track and field event, age 35 and above, as of **October 31, 1991**. If an American does not hold the world record, the American record is listed below the world record.

Changes: The 300m hurdles and 2000m steeplechase for both men and women and the 400m hurdle and pole vault for women have been added. The men's two mile walk has been replaced by the 3000m walk. Thanks to Rex Harvey's diligent efforts, decathlon marks based on the age grading tables have been added. When complete these tables will replace the old marks and become the official decathlon records.

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

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

NATIONAL MASTERS NEWS

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CZZMN

MEN'S TRACK & FIELD

100 YARD DASH

35	09.6	Clifton Bertrand(TRI)	8-	-71	75	13.4	Herbert Anderson(CO)	10-	1-77
	10.1	Kenneth Dennis(CA)	4-	7-73	76	14.3	Lamar Jackson(CA)	5-	1-82
	10.1	Naurice McDonald(WC)	4-	3-76	77	14.6	Lamar Jackson(CA)	5-	7-83
	10.1	Bob Warren(IA)	8-	25-73		p14.4	Leslie Thomas(OH)	10-	25-88
36	09.6	Clifton Bertrand(TRI)	6-	8-72	78	14.3	Herbert Anderson(CO)	7-	26-80
	9.9	Lamar Miller(MI)	6-	19-82	79	14.1	Herbert Anderson(CO)	7-	25-81
37	09.7	Walt Butler(CA)	6-	11-78		p13.2	Duncan McClean(GBR)	-	-64
38	09.9	Walt Butler(CA)	6-	2-79	80	14.5	A. E. Pitcher(IN)	9-	10-82
39	09.9	Percy Knox(CA)	6-	28-72		w14.4	Josiah Packard(CA)	5-	5-84
	09.9	Dean Smith(CA)	7-	21-71	81	14.7	A. E. Pitcher(IN)	9-	9-83
40	09.9	Robert Thomas(NY)	6-	15-72	82	15.3	Herbert Anderson(CO)	7-	28-84
	09.9	Percy Knox(CA)	8-	1-74	83	15.9	A. E. Pitcher(IN)	5-	10-85
	09.9	Percy Knox(CA)	6-	16-73		w15.6	A. E. Pitcher(IN)	11-	2-85
	09.9	Jim Weaver(TX)	6-	17-76	84	16.0	A. E. Pitcher(IN)	6-	15-86
41	09.8	Percy Knox(CA)	7-	11-75	85	17.4	Konrad Boas(NY)	10-	25-88
42	09.8	Thane Baker(TX)	7-	13-74	86	18.8	A. E. Pitcher(IN)	9-	25-88
43	10.1	Percy Knox(CA)	12-	3-76	87	22.2	Herbert Anderson(CO)	7-	14-90
	10.1	Clifton Bertrand(TRI)	4-	-79	88	17.1	Duncan McClean(GBR)	7-	14-73
44	10.0	Percy Knox(CA)	7-	11-78	90	19.6	Buell Crane(ID)	5-	26-90
45	10.3	Thane Baker(TX)	7-	23-77	35	10.28	Alan Wells(GBR)	6-	1-87
	10.3h	Richard Stolpe(NB)	7-	2-70		10.3	Ruben Whitney(TX)	6-	14-80
46	10.0	Percy Knox(CA)	4-	14-79		10.3	Edward Jefferis(RSA)	11-	24-71
47	10.5	Thane Baker(TX)	5-	27-78		10.3	Ron Jones(GBR)	4-	28-79
48	10.5	Matt Brown(WJ)	6-	20-81	36	10.37	Delano Meriwether(US)	6-	30-56
	10.5	Jack Greenwood(KS)	7-	13-74		10.4	Rafael Fortun(CUB)	6-	28-87
	10.5	Edmund Schuler(FL)	6-	5-76		w10.2	William Collins(TX)	6-	28-87
49	10.5	Edmund Schuler(FL)	2-	19-77	37	10.5	Walt Butler(CA)	6-	17-78
50	10.5	Alphonse Juilland(CA)	8-	18-73		10.5	B. Green(GBR)	6-	3-78
51	10.5	Edmund Schuler(FL)	7-	28-78	38	10.6h	Edward Jefferis(RSA)	11-	23-74
52	10.6	Rudolph Valentine(NY)	4-	3-76		10.6	Jose Sanchez(SPA)	4-	26-81
53	10.8	Edmund Schuler(FL)	6-	28-80		10.6	Karl Schroder(GFR)	5-	21-77
	w10.8	Robert McDonald(CA)	4-	23-72		10.8	Walt Butler(CA)	6-	23-79
54	10.8	Alfred Guidet(CA)	8-	5-72		10.8	Kenneth Dennis(CA)	6-	28-75
55	10.7	Charles Beaudry(TX)	8-	10-74		10.8	Tom Randolph(MI)	6-	14-80
	10.7	Alfred Guidet(CA)	7-	14-73		10.71	Clarence Ray(US)	6-	12-83
	10.7	Payton Jordan(CA)	3-	25-72	39	10.5h	David James(US)	6-	30-74
	10.7	Payton Jordan(CA)	5-	26-73	40	10.6	Eddie Hart(CA)	6-	16-89
	w10.5	Alfred Guidet(CA)	6-	1-74		w10.3	Eddie Hart(CA)	10-	7-89
57	10.7	Payton Jordan(CA)	4-	27-74		w10.6	Leon Hacker(RSA)	6-	30-79
58	10.8	Payton Jordan(CA)	5-	22-75	41	10.7	Eddie Hart(CA)	4-	28-90
59	10.8	Payton Jordan(CA)	5-	8-76	42	10.8	Manuel Ulacio(VEN)	9-	3-82
60	11.1	Charles Beaudry(TX)	4-	21-79		w10.8h	Eddie Hart(CA)	6-	8-91
	11.1	Payton Jordan(CA)	5-	21-77	43	10.8	Thaddeus Bell(SC)	6-	6-87
61	10.9	Payton Jordan(CA)	5-	6-78		w10.8	Walt Butler(CA)	4-	28-84
62	10.9	Payton Jordan(CA)	5-	5-79		w10.8	Gary Oliphant(KS)	7-	21-84
63	11.2	Payton Jordan(CA)	3-	22-80	44	11.0	Percy Knox(CA)	1-	20-78
64	10.9	Payton Jordan(CA)	2-	6-82		w10.9	Ron Taylor(GBR)	6-	11-78
65	12.1	Harry Koppel(CA)	3-	-79	45	11.03	Stan Whitley(CA)	6-	22-91
	w12.1	Ken Carnine(CA)	6-	17-73		11.1	Walt Butler(CA)	5-	31-86
66	12.1	Harry Koppel(CA)	7-	19-79		11.1	George Rhoden(JAM)	6-	17-72
67	12.1	Harry Koppel(CA)	1-	24-81		w11.1	Walt Butler(CA)	7-	5-86
	w12.0	Harry Koppel(CA)	3-	14-81	46	11.05	Kenneth Dennis(CA)	9-	17-83
68	12.1	Harry Koppel(CA)	7-	16-81		w10.92h	Kenneth Dennis(CA)	9-	23-83
69	12.5	Ken Carnine(CA)	4-	-77	47	11.0	Percy Knox(CA)	12-	13-80
	p12.3	Harry Koppel(CA)	-	-82	48	11.0	Thane Baker(TX)	6-	14-80
	w12.2	Tim Murphy(TX)	6-	15-91	49	11.3	Peter Mirkes(GFR)	6-	26-77
70	12.8	Gilberto Gonzalez(PUR)	4-	7-84		11.4	Robert Miller(WA)	6-	21-86
	13.6	Sing Lum(CA)	4-	19-75		w11.3h	Jack Greenwood(KS)	8-	13-75
	w12.4	Harry Koppel(CA)	12-	14-83	50	11.2	Kenneth Dennis(CA)	7-	18-87
	w13.1	Sing Lum(CA)	6-	7-75		w11.03	Kenneth Dennis(CA)	8-	15-87
71	12.8	Gilberto Gonzalez(PUR)	4-	20-85	51	11.40	Thane Baker(TX)	9-	24-83
	13.5	Barry Ivers(ME)	6-	30-82		11.4	Hugo Hartenstein(CO)	5-	24-86
	w13.2	Barry Ivers(ME)	4-	3-82		w11.24	Reginald Austin(AUS)	11-	29-87
	w13.5	Sing Lum(CA)	6-	12-76	52	11.2	Thane Baker(TX)	6-	23-84
72	12.9	Gilberto Gonzalez(PUR)	5-	29-86		w10.99	Thane Baker(TX)	6-	5-84
	13.4	Barry Ivers(ME)	8-	6-83		w11.2	Kenneth Dennis(CA)	6-	18-89
	w12.7	Gilberto Gonzalez(PUR)	11-	2-85	53	11.5	Thane Baker(TX)	8-	3-85
73	13.6	Lamar Jackson(CA)	6-	3-79		11.50	Bert Lancaster(PA)	9-	19-81
74	13.7	Josiah Packard(CA)	4-	30-78		w11.4	Milton Newton(CA)	3-	28-87
	w13.3	Jeff Bloomfield(TX)	6-	16-90	54	11.5	Thane Baker(TX)	5-	24-86
	w13.4	Lamar Jackson(CA)	5-	17-80	55	11.6	Payton Jordan(CA)	4-	1-72

100 METERS

56	11.6	Alfred Guidet(CA)	6-	22-74	92	20.67	Jing-chan Wang(TAI)	12-	5-87
	11.6	Payton Jordan(CA)	6-	23-73		32.95	Paul Spangler(CA)	6-	22-91
	w11.5	Bernard Hogan(AUS)	12-	18-76	93	23.15	Jing-chan Wang(TAI)	7-	30-89
57	11.6	Payton Jordan(CA)	6-	22-74		24.7	Herb Kirk(MT)	8-	11-89
58	11.9	Payton Jordan(CA)	4-	27-75	94	26.5	Herb Kirk(MT)	8-	24-90
59	11.7	Payton Jordan(CA)	3-	20-76	95	39.00	Prithvi Singh Azad(IND)	12-	5-87
60	12.0	Payton Jordan(CA)	6-	25-77		p54.7	Mr. Tou(US)	7-	24-82
	w12.00	Peter Mirkes(GFR)	11-	29-87	98	21.5	Joginder Singh(IND)	11-	11-90
61	11.8	Payton Jordan(CA)	5-	27-78	99	20.82	Joginder Singh(IND)	7-	21-91
62	12.3	Payton Jordan(CA)	4-	22-79					
	12.3h	Fritz Assmy(GFR)	8-	8-77					
	12.3	Colin Fairley(GBR)	9-	10-78					
	w12.2	Cliff McPherson(GUY)	5-	25-91					
63	12.0	Payton Jordan(CA)	5-	31-80	35	20.68	Pietro Hennea(ITA)	9-	26-87
64	12.3	Payton Jordan(CA)	5-	30-81		20.8	Delano Meriwether(US)	6-	9-78
	w12.0	Payton Jordan(CA)	6-	20-81	36	21.6y	Clifton Bertrand(TRI)	6-	8-72
	12.5	Bernard Hogan(AUS)	11-	30-85		21.7	Eugene Driver(CA)	6-	28-86
65	12.6	Payton Jordan(CA)	4-	25-82		w21.62	William Collins(TX)	8-	16-87
66	12.56	Payton Jordan(CA)	5-	21-83	37	20.62	Don Quarrrie(JAM)	6-	18-88
	w12.4	Payton Jordan(CA)	8-	21-83		21.4	Eugene Driver(CA)	6-	20-87
	w12.4	Yngve Brange(SHE)	5-	9-79	38	21.3	Edward Jefferis(RSA)	2-	28-74
67	13.0	Payton Jordan(CA)	4-	28-84		22.0	Lamar Miller(MI)	9-	18-83
68	13.0	Payton Jordan(CA)	4-	27-85		w20.6	Reginald Austin(AUS)	8-	9-75
	w12.73h	Fritz Assmy(GFR)	9-	23-83	39	21.2	Edward Jefferis(RSA)	1-	24-76
	w12.9	Harry Koppel(CA)	5-	30-81		21.8	William Collins(TX)	7-	14-90
	w13.0	Tim Murphy(TX)	6-	9-90	40	21.9	Reginald Austin(AUS)	8-	10-77
	13.0	Gilberto Gonzalez(PUR)	7-	4-82		22.2	William Collins(TX)	6-	22-91
	13.1	Harry Koppel(CA)	6-	12-82		w21.38	William Collins(TX)	7-	6-91
	w12.88	Fritz Assmy(GFR)	8-	21-84		w21.74	Eddie Hart(CA)	8-	3-89
	w13.0	Harry Koppel(CA)	8-	14-82	41	21.9	Eddie Hart(CA)	4-	28-90
70	13.0	Payton Jordan(CA)	4-	25-87	42	21.8	Manuel Ulacio(VEN)	9-	4-82
	w12.72	Payton Jordan(CA)	11-	29-87		22.3y	Thane Baker(TX)	7-	13-74
71	13.09	Payton Jordan(CA)	5-	28-88		22.20	Stan Whitley(CA)	8-	7-88
	w13.0	Payton Jordan(CA)	4-	30-88	43	22.3	James Burnett(PA)	9-	18-83
72	13.1	Payton Jordan(CA)	4-	29-89	44	22.4	Clifton Bertrand(TRI)	7-	17-80
	w13.0	Payton Jordan(CA)	6-	18-89		22.9	Milton Newton(CA)	5-	6-78
73	13.47	Payton Jordan(CA)	5-	5-90		22.9	Lloyd Reddick(WY)	6-	23-79
	w13.15	Fritz Assmy(FRG)	7-	29-88		w22.29	Clarence Ray(MI)	8-	3-89
	w13.4	Frederick Reid(RSA)	10-	16-82		w22.78	Frank Little(CA)	8-	16-87
74	12.91	Payton Jordan(CA)	6-	22-91	45	22.3	George Rhoden(JAM)	7-	2-72
	w14.06h	Fritz Assmy(FRG)	6-	30-90		22.9	Richard Stolpe(NB)	6-	20-70
75	14.3	Josiah Packard(CA)	6-	23-79		w22.87	James Burnett(IL)	6-	8-85
	w13.9	Francisco Colon(PUR)	6-	22-91	46	22.4	Reginald Austin(AUS)	9-	18-83
	w13.9	Fritz Assmy(FRG)	7-	21-91		22.9	Milton Newton(CA)	6-	22-80
76	14.06h	Anthony Castro(CA)	6-	28-86		w22.72	Bill Knocke(CA)	10-	11-86
	w14.0	Anthony Castro(CA)	8-	2-86	47	22.6	Reginald Austin(AUS)	4-	21-84
	w14.0	Anthony Castro(CA)	4-	5-85		23.3	Thaddeus Bell(SC)	6-	22-91
77	14.9	Harry Gathercole(AUS)	6-	20-87		23.3	Roy Turner(TX)	8-	1-87
	15.0	Anthony Castro(CA)	5-	23-87		w23.07	Thaddeus Bell(SC)	7-	21-91
	w14.8	Anthony Castro(CA)	5-	30-87		w23.1	Roy Turner(TX)	8-	16-87
	w14.9	Anthony Castro(CA)	10-	3-87	48	23.1	Marty Adams(GBR)	8-	9-77
78	14.9	Bernard Kaiser(NZL)	3-	16-91		p23.1h	Rocky McPherson(GUY)	8-	6-80
	w14.47	Anthony Castro(CA)	11-	29-87	49	23.37	Charles Williams(GBR)	6-	4-72
	w14.70	Anthony Castro(CA)	8-	15-87		23.6	Alphonse Juilland(CA)	4-	4-72
79	15.01	Bernard Kaiser(NZL)	3-	30-91		w22.14	Reginald Austin(AUS)	10-	4-86
	15.7	Barry Ivers(ME)	6-	24-90		w23.12	Jack Greenwood(KS)	8-	9-75
	15.7	Josiah Packard(CA)	10-	1-83	50	22.9	Kenneth Dennis(CA)	7-	18-87
80	15.3	Barry Ivers(ME)	9-	14-91	51	23.15	Ron Taylor(GBR)	6-	26-85
	w15.0	Josiah Packard(CA)	4-	28-84		23.46	Thane Baker(TX)	9-	26-83
81	15.7	Harry Gathercole(AUS)	3-	24-89		23.48	Hugo Hartenstein(CO)	8-	31-86
	16.52	Byron Fike(OH)	7-	30-89		23.5	Bruce Springbett(CA)	5-	12-84
	16.59	Herbert Anderson(CO)	9-	17-83		w22.8	Kenneth Dennis(CA)	2-	11-89
	16.6	A. E. Pitcher(IN)	6-	1-83	52	22.91	Ron Taylor(GBR)	7-	31-86
	16.63	Harry Gathercole(AUS)	7-	30-89		23.4	Kenneth Dennis(CA)	6-	18-89
82	16.5	Byron Fike(OH)	6-	23-90		w22.88	Reginald Austin(AUS)	8-	3-89
	w16.0	Byron Fike(OH)	4-	27-90		w23.0	Ovidio De Jesus(PUR)	11-	9-85
83	16.47	Gulab Singh(IND)	7-	30-89	53	23.8	Bert Lancaster(PA)	8-	16-81
	16.94	A. E. Pitcher(IN)	5-	25-85		23.8	Milton Newton(CA)	7-	11-87
	w16.7	A. E. Pitcher(IN)	9-	14-85		w23.65	Bert Lancaster(PA)	9-	19-81
84	17.4	A. E. Pitcher(IN)	6-	21-86	54	23.55	Reginald Austin(AUS)	7-	26-91
	w17.2	A. E. Pitcher(IN)	8-	10-86		23.6	Payton Jordan(CA)	2-	19-72
	16.98	Charles Booth(AUS)	7-						

800 METERS

1500 METERS

63	25.8	James Law(NC)	6-17-89	49.36
	w25.41	James Law(NC)	8-3-89	48.8
64	25.5	Payton Jordan(CA)	4-26-81	48.88
	w25.3	Payton Jordan(CA)	5-30-81	48.4
65	25.6	Bernard Hogan(AUS)	12-6-85	48.87
	26.1	Payton Jordan(CA)	6-12-82	44
	26.10	James Law(NC)	5-4-91	50.07
	w25.87	Jack Greenwood(CO)	7-6-91	45
	w25.90	James Law(NC)	5-21-83	46
66	26.29	Payton Jordan(CA)	9-25-83	51.0
	w26.10h	Fritz Assmy(GFR)	7-15-82	47
	27.00	Melvin Larsen(IL)	7-26-91	51.2
67	26.45	Yngve Brange(SWE)	8-31-81	48
	27.00	Harry Koppel(CA)	6-21-81	50.95
68	27.3	Fritz Assmy(GFR)	9-25-83	52.1
	w26.20h	Harry Koppel(CA)	6-12-82	49
69	26.7	Payton Jordan(CA)	6-20-87	50
	26.8	Payton Jordan(CA)	4-30-88	52.24
71	27.3	Payton Jordan(CA)	6-18-89	52.79
72	27.3	Payton Jordan(CA)	8-3-89	51
	w27.09	Fritz Assmy(FRG)	7-30-88	52.9
73	28.29	Payton Jordan(CA)	2-9-91	52
	28.5	Frederick Reid(RSA)	10-16-82	52.86
	w28.1	Payton Jordan(CA)	6-8-91	53
74	27.71	Fritz Assmy(FRG)	6-30-90	54
75	28.60	Josiah Packard(CA)	6-24-79	54.5
	29.5	Fritz Assmy(FRG)	7-23-91	55
76	29.07h	Anthony Castro(CA)	6-28-86	54.56
	30.6	Anthony Castro(CA)	6-20-87	56
	w30.1	Anthony Castro(CA)	8-3-86	54.49
	31.5	Anthony Castro(CA)	3-10-91	55.3
78	30.4	Anthony Castro(CA)	3-5-88	57
	w30.1	Anthony Castro(CA)	10-3-87	58
	31.1	Bernard Kaiser(NZL)	3-31-91	58.3y
79	31.6	Barry Ivers(NE)	6-24-90	59
	32.0	Josiah Packard(CA)	2-18-84	59
80	32.3	Harry Gathercole(AUS)	11-29-87	60
	w32.14	Harry Gathercole(AUS)	3-24-89	57.65
81	32.8	Herbert Anderson(CO)	9-26-83	61
	35.13	Harold Chapson(HI)	10-16-83	58.33
82	w33.4	Harry Gathercole(AUS)	7-22-89	58.4
	33.95	A. E. Pitcher(IN)	6-16-84	62
	w33.2	A. E. Pitcher(IN)	-84	63
	p36.1	Harry Gathercole(AUS)	8-3-89	64
	w36.07	Byron Fike(OH)	8-4-90	59.03
83	36.28	A. E. Pitcher(IN)	5-25-85	65
84	37.5	A. E. Pitcher(IN)	5-29-86	66
85	39.3	Charles Booth(AUS)	3-19-89	62
	40.36	Konrad Boas(NY)	8-28-88	67
	w38.3	Konrad Boas(NY)	8-7-88	68
	w38.76	Herbert Anderson(CO)	11-29-87	69
86	40.29	Konrad Boas(NY)	8-3-89	70
87	41.1	Duncan McClean(GBR)	8-24-72	71
	42.43	A. E. Pitcher(IN)	8-3-89	71
88	44.66	Konrad Boas(NY)	7-26-91	66.11
89	43.27	Narayana Murthy(IND)	11-11-90	72
	45.12	Herbert Anderson(CO)	7-28-91	73
90	44.77	Narayana Murthy(IND)	7-26-91	74
	45.75	Buell Crane(ID)	6-23-90	75
91	51.5	Duncan McClean(GBR)	6-12-76	68.5
	61.7	Paul Spangler(CA)	6-23-90	76
92	67.86	Paul Spangler(CA)	7-26-91	71.5
	w48.70	Jing-chan Wang(TAI)	11-29-87	77
93	52.21	Jing-chan Wang(TAI)	8-3-89	78
	52.33	Herb Kirk(MT)	8-3-89	79
95	62.28	Herb Kirk(MT)	7-26-91	80
99	48.42	Joginder Singh(IND)	7-26-91	81

400 METERS

35	46.38	James King(CA)	5-25-84	1:43.74
36	47.6	Eugene Driver(CA)	7-2-86	86
37	48.6	Ron Taylor(GBR)	8-22-71	87
	49.82	Eugene Driver(CA)	8-15-87	88
	p47.64	Ray Cardinal(CAN)	8-84	88
	p49.90	James Vicks(TX)	8-20-83	89
38	49.0	Manfred Garbisch(GFR)	7-13-72	90
	49.2	Matt Pruitt(US)	8-21-83	91
	p48.51	Hughes Roger(FRA)	-79	91
39	48.0	Hughes Roger(FRA)	6-1-80	92
	50.2	Clarence Ray(US)	6-24-84	92
40	48.44	James King(CA)	8-5-89	93
41	47.87	Manuel Ulacio(VEN)	11-14-81	2:41.9

James Burnett(PA)	8-15-81	49.36
Hughes Roger(FRA)	5-29-83	48.8
James King(CA)	5-24-91	48.88
Hughes Roger(FRA)	5-27-84	48.4
Stan Whitley(CA)	8-5-89	48.87
Hughes Roger(FRA)	5-19-85	48.7
Stan Whitley(CA)	8-3-90	50.07
Lee Evans(CA)	6-29-85	50.46
Hanno Rheineck(GFR)	12-5-87	50.46
Harold Morioka(CAN)	8-5-89	50.60
Milton Newton(CA)	7-5-80	51.0
Guido Mueller(GFR)	7-30-86	51.2
Roy Turner(TX)	8-1-87	50.95
Guido Mueller(GFR)	12-5-87	52.1
Larry Colbert(MD)	7-28-85	51.44
Guido Mueller(FRG)	6-25-88	52.0
Jack Greenwood(KS)	8-7-79	52.0
Peter Higgins(GBR)	8-1-79	52.28
Ingo Vierk(GFR)	6-29-85	52.24
Larry Colbert(MD)	12-5-87	52.79
Reginald Austin(AUS)	12-5-87	51.81
Jack Greenwood(KS)	8-10-77	52.9
Ron Taylor(GBR)	9-27-86	51.8
Larry Colbert(MD)	8-5-89	52.86
Jack Greenwood(KS)	8-1-79	53.52
Ralph Romain(TRI)	8-31-86	52.8
Rudolph Valentine(NY)	7-8-78	54.5
Berthold Neumann(GFR)	9-6-86	53.81
Rudolph Valentine(NY)	6-9-79	54.56
Berthold Neumann(GFR)	12-5-87	54.49
Jim Mathis(TN)	6-8-91	55.3
Ralph Romain(TRI)	6-24-90	52.8
Jack Greenwood(KS)	9-17-83	55.7
Ralph Romain(TRI)	7-22-90	52.6
Ray Gordon(OC)	7-11-76	58.3y
Ralph Romain(TRI)	7-27-91	53.41
Rudolph Valentine(NY)	5-7-83	55.2
Peter Mirkes(FRG)	8-28-88	55.24
Jack Greenwood(KS)	7-20-86	57.65
Stanley Brooks(GBR)	6-25-88	58.31
Rudolph Valentine(NY)	6-29-85	58.33
John Alexander(TX)	6-27-81	58.4
Glenn Bradd(IL)	9-28-86	59.1
Jack Greenwood(CO)	8-5-89	57.64
Willi Selzer(FRG)	7-27-91	57.36
James Law(NC)	8-3-90	59.03
James Law(NC)	7-5-91	58.79
Tom Hishon(AUS)	8-5-89	61.29
Ray Gordon(VA)	6-16-84	62.02
John Alexander(TX)	5-16-87	61.4
Fritz Assmy(GFR)	9-28-83	62.81h
John Alexander(TX)	8-6-88	63.19
John Alexander(TX)	8-5-89	63.19
John Alexander(TX)	9-24-89	62.41
Fritz Assmy(GFR)	7-29-86	70
William Weinacht(OH)	4-30-88	62.2
Payton Jordan(CA)	8-5-89	64.85h
Josiah Packard(CA)	8-10-77	66.11
Harold Chapson(HI)	7-2-77	66.02
Fritz Assmy(FRG)	6-30-90	73
Josiah Packard(CA)	6-23-79	64.6
Fritz Assmy(FRG)	7-27-91	74
Harold Chapson(HI)	4-13-79	68.9
Harold Chapson(HI)	8-1-79	68.24
Harold Chapson(HI)	1-13-81	68.5
Harold Chapson(HI)	8-15-81	69.96
Harold Chapson(HI)	7-9-83	71.5
Harold Chapson(HI)	7-16-83	73.18
Harry Gathercole(AUS)	8-5-89	72.26
Harold Chapson(HI)	7-14-84	79
Harold Chapson(HI)	12-14-85	74
Fred Keiser(PA)	6-29-84	75
Longino Perez(MEX)	12-5-87	68.24
Herbert Anderson(CO)	12-5-87	68.5
Konrad Boas(NY)	8-5-89	69.96
Josef Galia(GFR)	9-4-85	71.5
Willard Benton(CA)	7-27-91	77
Konrad Boas(NY)	7-27-91	78
Longino Perez(MEX)	7-27-91	79
Narayana Murthy(IND)	7-27-91	80
Paul Spangler(CA)	9-16-89	81
Paul Spangler(CA)	8-3-90	82
Jing-chan Wang(TAI)	12-5-87	83
Paul Spangler(CA)	7-27-91	84
Jing-chan Wang(TAI)	8-5-89	85
Herb Kirk(MT)	8-11-89	86

George Scott(NZL)	5-12-72	35	1:49.2y
Ramsey Thomas(MD)	5-12-79	35	1:53.8
Kurt Schmittenheim(GFR)	7-3-77	36	1:52.4
Lee Evans(CA)	8-21-83	36	1:55.8
Kurt Schmittenheim(GFR)	7-2-78	37	1:51.4
Ralph Lee(CA)	5-13-79	37	1:52.1
Michel Bernard(FRA)	7-26-70	38	1:52.8
John Perry(CA)	7-10-82	38	1:56.1
Barry Adams(CAN)	8-6-81	39	1:55.1
Duane Green(VA)	6-16-90	39	1:56.78
Ken Popejoy(IL)	5-31-91	40	1:52.5
Peter Browne(GBR)	6-11-90	41	1:51.25
George Cohen(CA)	8-15-81	42	1:55.84
Ron Bell(CO)	8-1-89	42	1:56.0
Ernest Billups(IL)	7-7-79	43	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	44	1:56.16
Ronaldo Mercalino(MOL)	7-7-91	45	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	47	1:56.27
Bill Fitzgerald(CA)	7-6-73	48	1:58.1
Bill Fitzgerald(CA)	7-6-74	49	1:59.5
Alan Bradford(GBR)	8-1-89	49	2:00.40
Bill Fitzgerald(CA)	6-29-75	50	2:01.1
Johan Hesselberg(NOR)	9-8-83	51	2:01.3
Bill Fitzgerald(CA)	6-27-76	52	2:03.2
J. Nelson Da Silva(BRA)	7-23-91	53	2:02.86
Ken Baker(NJ)	8-1-89	53	2:03.65
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	56	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	58	2:08.65
Bill Fitzgerald(CA)	8-27-83	59	2:13.0
Bill Fitzgerald(CA)	7-1-84	60	2:12.9
Earl Fee(CAN)	7-1-84	61	2:13.98
Jim Sutton(PA)	7-23-91	61	2:15.21
Unto Mattsson(FIN)	7-23-91	62	2:18.87
Dean Smith(IL)	8-16-87	62	2:12.62
Derek Turnbull(NZL)	7-23-89	63	2:20.83
Gordon Siefert(AL)	7-6-91	64	2:15.69
Dean Smith(IL)	7-23-89	64	2:27.2
Frank Evans(NZL)	8-1-89	65	2:20.5
William Anderson(NM)	8-9-75	65	2:25.3
Jack Stevens(AUS)	8-13-82	66	2:21.1
Frank Finger(VA)	7-5-80	66	2:28.0
Jack Stevens(AUS)	9-18-83	67	2:22.0
William Anderson(NM)	8-9-77	68	2:26.66
Jack Stevens(AUS)	2-11-84	68	2:30.1
Bob McGowan(CA)	9-1-91	69	2:37.5
William Anderson(NM)	7-28-79	70	2:27.57
Jay Sponseller(FL)	11-7-87	71	2:34.5
James Lytjen(CA)	7-23-91	72	2:35.4
Monty Montgomery(CA)	9-4-77	72	2:35.4
Harold Chapson(HI)	7-6-75	73	2:35.8
Harold Chapson(HI)	6-27-76	74	2:37.2
Harold Chapson(HI)	7-2-77	75	2:40.0
Harold Chapson(HI)	5-14-78	76	2:45.4
Harold Chapson(HI)	6-24-79	77	2:46.3
Harold Chapson(HI)	7-28-79	78	2:44.1
Harold Chapson(HI)	12-31-80	79	2:46.7
Harold Chapson(HI)	8-15-81	80	2:53.5
Harold Chapson(HI)	7-11-82	81	2:49.4
Harold Chapson(HI)	10-09-83	82	2:57.48
Harold Chapson(HI)	8-19-84	83	3:13.3
Harold Chapson(HI)	5-4-86	84	3:13
Harold Chapson(HI)	7-11-86	85	3:29.42
Longino Perez(MEX)	11-29-87	86	4:04.7
Paul Spangler(CA)	5-5-84	87	3:45.5
Harold Chapson(HI)	5-1-89	88	4:04.66
Josef Galia(GFR)	9-4-85	89	4:25.5
Willard Benton(CA)	7-23-91	90	4:39.59
Paul Spangler(CA)	8-4-90	91	4:58.15
Paul Spangler(CA)	6-23-91	92	5:16.0
Herb Kirk(MT)	8-24-90	94	6:58.0
Herb Kirk(MT)	7-23-91	95	6:02.94

35	3:34.79	John Walker(NZL)	7-22-87
	3:40.83h	Steve Scott(CA)	6-14-91
36	3:33.91	Mike Bolt(KEN)	8-21-85
	3:53.9	Tom Von Ruden(CA)	8-16-81
37	3:35.96	John Walker(NZL)	7-19-89
	3:50.9	Bill Stewart(MI)	5-24-80
38	3:37.01	Mike Bolt(KEN)	7-22-87
	3:59.0	Harold Nolan(NJ)	5-5-85
	3:59.0	Ramsey Thomas(MD)	7-3-82
39	3:52.7	Michel Bernard(FRA)	5-9-71
	3:54.1	Bill Stewart(MI)	2-25-82
40	3:49.47	Wilson Waigua(KEN)	8-5-89
	3:56.2	Bill Stewart(MI)	9-27-83
41	3:49.21	Wilson Waigua(KEN)	7-29-90
	3:57.94h	Harold Nolan(NJ)	5-14-88
42	3:53.18	Larry Alimberg(WA)	8-5-89
	-84	Larry Alimberg(WA)	7-29-90
43	3:50.43	Bill Stewart(MI)	4-23-87
44	3:54.9	Ken Sparks(OH)	7-29-80
45	3:59.24	Ernest Billups(IL)	9-27-83
46	4:04.4	Harry Lindell(SWE)	8-9-81
47	4:06.4	Mike Manly(OR)	7-20-89
48	4:05.53	Alan Bradford(GBR)	12-5-87
	4:11.9	Mel Elliott(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
	4:1		



Ken Popejoy (306) cruises past the three-quarter post in 3:14 in the Millrose Masters Mile, just seconds ahead of Rod Dixon (r) and Wilson Waigwa (l). Photo by David Zinman

85	7:03.38	Longino Perez(MEX)	12- 5-87	12:23.6	Herb Kirk(MT)	8-26-83	
	7:44.96	Paul Spangler(CA)	5- 5-84	90	13:43.6	Herb Kirk(MT)	8-16-86
86	7:50.61	Paul Spangler(CA)	8-24-85	91	13:45.6	Herb Kirk(MT)	8- 8-87
87	7:29.4	Josef Galia(GFR)	9- 4-85	94	14:08.3	Herb Kirk(MT)	8-24-90
	8:26.82	Willard Benton(CA)	7-27-91	95	14:48.2	Herb Kirk(MT)	10- 6-90
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				

3000 METERS

ONE MILE				35	7:47.61	Thomas Wessinghage(FRG)	8-16-87
35	3:54.13	Steve Scott(CA)	7- 1-91		7:56.59	Steve Scott(CA)	5-25-91
36	3:52.48	John Walker(NZL)	7- 2-88		p7:43.44	Hammou Boutayeb(MOR)	7-15-91
	4:18.01	Ramey Thomas(MD)	2- 2-80	36	7:49.86	Wilson Waigwa(KEN)	8- 7-85
37	3:54.28	John Walker(NZL)	7- 1-89		8:41.8y	George Young(AZ)	4-20-74
	4:15.3	Ramey Thomas(MD)	7-18-81	37	7:45.64	John Walker(NZL)	7-14-89
38	3:55.19	John Walker(NZL)	6- 9-90		8:34.4	Ramey Thomas(MD)	12- 6-80
	4:15.0	Glynn Wood(DC)	4-21-73		8:05.01	John Walker(NZL)	8- 3-90
39	4:13.0	Fred Norris(GBR)	5-13-61		8:37.6	Harold Nolan(NJ)	7-11-85
	4:13.31	Bill Stewart(MI)	1-28-82	38	8:02.2	Michel Bernard(FRA)	6- 2-71
40	4:05.39	Wilson Waigwa(KEN)	6- 3-89		8:48.0	Randy Taylor(AR)	4-11-87
	4:11.01	Bill Stewart(MI)	1-22-83	39	8:15.6	John Van Der Wensem(NOL)	7- 5-90
41	4:07.36	Wilson Waigwa(KEN)	7-29-90		8:17.4	Barry Brown(FL)	7-30-84
	4:15.38	Harold Nolan(NJ)	8- 6-88		p8:15.6	John Van Der Wensem(NOL)	- 8-90
42	4:15.7	Larry Alberg(MA)	6-21-89	40	8:22.0	Alain Mimoun(FRA)	6- 6-62
	4:06.70	Larry Alberg(MA)	7-29-90		8:22.0	Laurie O'Hara(GBR)	6- 6-62
44	4:25.1	Ernest Billups(IL)	3-27-82		8:56.6	Harold Nolan(NJ)	7-13-88
	4:16.75	David Sirl(NZL)	12- 6-87	41	p8:15.0	Rien Van Der Wil(NOL)	6- 6-91
45	4:17.14	Ken Sparks(OH)	7-29-90		8:24.8	Laurie O'Hara(GBR)	6-21-74
	4:23.67i	Ken Sparks(OH)	2- 1-91	42	8:47.0	Harold Nolan(NJ)	7-12-89
46	4:21.88	Antonio Villanueva(MEX)	12- 6-87		8:17.4	Jack Foster(NZL)	1-31-76
	4:26.21	Bill Stewart(MI)	2-20-90	43	8:50.06i	Peter Hallop(MI)	3-25-90
48	4:25.77	David Sirl(NZL)	11-10-90		8:20.8	Lucian Rault(FRA)	6- 4-80
	4:32.8	Bill Fitzgerald(CA)	6- 2-73	44	8:50.0	Hal Higdon(IN)	7-13-75
49	4:30.8	Ray Natton(OR)	5-28-81		8:50.0i	Bill Stewart(MI)	12-22-87
	4:32.2	Bill Fitzgerald(CA)	7-13-75	45	8:36.0	Laurie O'Hara(GBR)	7- 8-77
51	4:44.22i	Bill Foulk(AZ)	1- 6-85		8:47.4i	Bill Stewart(MI)	12-27-88
	4:39.0	Ray Natton(OR)	7-27-84	46	8:51.0	Ron Robertson(NZL)	12- 9-87
52	4:39.0	Tom Roberts(AUS)	12- 6-87		9:11.72	Salih Talib(MY)	6- 2-91
	4:49.3	David Stevenson(CA)	7-29-82		p8:32.2	Udo Imig(FRG)	- 83
54	4:48.99i	Jim Sutton(PA)	2-22-86	47	8:46.8	Manuel Alonso(SPA)	7- 9-77
	4:40.4	Jack Ryan(AUS)	12-15-77		9:01.2i	Bill Stewart(MI)	6-28-90
55	4:46.5	Don Gammie(OH)	10- 5-86	48	8:56.8i	Bill Stewart(MI)	1-19-91
	4:47.40	Ray Natton(OR)	6-25-88		8:49.02	Josef Kurz(FRG)	7-15-88
57	4:53.52	Jim Sutton(PA)	5-13-89	49	8:51.6	Michael Heffernan(OR)	5- 9-90
	5:00.2	Maurice Tarrant(CAN)	6- 8-88	50	8:53.8	Ray Natton(OR)	6-25-82
	5:05.7	Jim Sutton(PA)	8-19-89	51	9:13.28	Dan Conusay(VI)	6-23-90
59	5:00.06	Maurice Tarrant(CAN)	6-10-89		p9:01.47	Edgar Friedli(SUI)	- 84
	5:13.5	Clive Davies(OR)	7-13-75	52	9:03.6	Luciano Aquarone(ITA)	10-16-82
60	5:04.9	Don Gammie(OH)	10-12-91		9:14.84i	Dan Conusay(VI)	3-24-91
	p4:58.2	Jim Sutton(PA)	- 91	53	8:51.0	Tom Roberts(AUS)	12- 9-87
61	4:57.1	John Gilmour(AUS)	11-13-80		9:10.2	Ray Natton(OR)	7-20-85
	5:16.8	Clive Davies(OR)	6-11-77	54	9:26	George McGrath(AUS)	10-10-74
62	5:05.5	Derek Turnbull(NZL)	6-21-89		9:53.0	Muuro Hernandez(CA)	4- 2-77
	5:17.5	Don Longenecker(MN)	4-16-78		p9:00.9	Gunther Hesselmann(GFR)	- 80
63	5:04.36	Rune Bergman(SWE)	12- 6-87	55	9:01.8i	Howard Rubin(MY)	3-10-84
	5:15.2	Clive Davies(OR)	6- 9-79		9:21.0	John Gilmour(AUS)	2-11-76
64	5:25.4	Stan Nicholls(AUS)	4-10-76	56	9:37.88	Ray Natton(OR)	6-26-88
	5:26.93	Archie Messenger(MY)	3-19-88		9:34.2	Ray Natton(OR)	7- 1-89
65	5:05.61	Jack Ryan(AUS)	12- 6-87	57	10:01.69i	Jim Sutton(PA)	3-25-90
	5:22n	Monty Montgomery(CA)	4- 8-72	59	9:55.07	Maurice Tarrant(CAN)	7-20-89
66	5:30.0	William Andberg(MN)	6-29-77		10:27.8	Pat Devine(CA)	5-28-88
	5:41.4	Norman Bright(MA)	6-11-77	60	9:43.2	John Gilmour(AUS)	11-10-79
68	5:39.0	William Andberg(MN)	6-16-79		10:13.8	Don Gammie(OH)	8-10-91
69	5:54.2	Otto Easig(MA)	6-28-75	61	9:36.6	Siem Herlaar(NOL)	8-31-90
70	5:32.4i	Scotty Carter(MA)	3-15-87		10:43.4	Bill McChesney(OR)	6-25-89
	5:54.0	Harold Chapson(NI)	11-25-73	62	10:12.2	Derek Turnbull(NZL)	6-21-89
72	5:52.3	Harold Chapson(NI)	3- 2-75		10:46	Boyce Jacques(NOR)	9-24-88
73	5:51.7	Harold Chapson(NI)	1- 4-76	63	10:25.6	Mathias Bergseth(MOR)	7-28-84
	5:58.8	Harold Chapson(NI)	4-24-77		11:22.2	Jim Smith(OK)	3-29-86
75	6:45	Richard Bredenbeck(OH)	6-26-81	64	10:47.0	William Andberg(MN)	8-13-75
	7:05.1	Richard Bredenbeck(OH)	5-22-82	65	10:10.2	John Gilmour(AUS)	11-22-84
77	6:54.0	Paul Spangler(CA)	8- 2-76		10:51.0	Norman Bright(MA)	6-17-75
	6:15.1	Harold Chapson(NI)	7- 5-81	66	10:20.8	John Gilmour(AUS)	2- 8-86
79	6:59.4	Paul Spangler(CA)	8- 4-78		11:30.0y	Monty Montgomery(CA)	3-25-73
	6:43.3	Harold Chapson(NI)	3- 4-83	67	10:14.4	Bob Kroger(US)	1-31-82
81	8:07.1	Paul Spangler(CA)	6- 7-80		11:34.6	John Gilmour(AUS)	3-12-87
	8:47.0	Byron Fike(OH)	6-23-90	68	11:25	Norman Bright(MA)	7-12-77
83	p11:28.8	Albert Epp(FL)	10-25-88		11:51.0i	David Morrison(GBR)	6-27-82
	8:07.4	Paul Spangler(CA)	6-25-83	69	11:00.0	Richard Bredenbeck(OH)	2-16-74
87	8:04.7	Josef Galia(GFR)	9- 4-85	70	11:27.4i	Scotty Carter(MA)	6-22-86
				71	11:26.0	John Gilmour(AUS)	10-28-90
					12:11.8	Tom Roberts(GA)	10-20-73
				72	11:55.8i	Richard Bredenbeck(OH)	3-19-78
				73	11:46.2	Harold Chapson(NI)	3-28-76
				74	12:23.8	Harold Chapson(NI)	1-16-77

75	12:23.4	Edward Benham(MD)	5- 7-83
76	12:37.0	Edward Benham(MD)	5- 5-84
77	12:30.4	Edward Benham(MD)	5- 3-85
78	12:42.4	Edward Benham(MD)	5- 3-86
79	14:56.6	Harold Chapson(NI)	11-22-81
80	13:12.6	Edward Benham(MD)	4-29-88
81	16:31	Richard Bradenbeck(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
	8:37.61	George Young(AZ)	5-19-73
36	8:41.81	George Young(AZ)	4-20-74
37	8:57.0	Fred Morris(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 Morris(GBR)	1-14-61
	9:09.6i	Bill Stewart(MI)	2-13-82
40	8:55.4	John Van Der Vansem(HOL)	7-19-90
	9:06.4	Barry Brown(FL)	7-30-84
41	9:08.4	Tom Laris(CA)	7-23-81
42	9:28.0	Peter Mundle(CA)	7- 8-70
43	9:19.2	Jim McDonald(NZL)	2-19-78
	9:32.8i	Peter Mundle(CA)	2-19-72
44	9:28.6	Jim McDonald(NZL)	2-18-79
	9:32.6i	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
	9:58.54i	Dan Conway(NI)	3-29-87
49	10:07.4	Peter Mundle(CA)	6- 2-77
50	10:09.2i	Lloyd Stocum(NH)	3-27-83
51	10:09.4	James Daley(NH)	7- 8-87
	p10:03.0	Alan Bradford(AUS)	- -91
52	10:19.2	David Stevenson(CA)	12-20-80
53	10:12	George McGrath(AUS)	10-18-73
	10:26.6	David Stevenson(CA)	7-15-82
54	10:31.2	Mauro Hernandez(CA)	4- 2-77
	10:31.2	Jim McDonald(NZL)	2-15-89
55	10:35.0	Bill McChesney(OR)	7-15-83
56	10:07	John Gilmore(AUS)	1-14-76
	10:38.8	Bill McChesney(OR)	7-20-84
57	11:06.0	Ralph Miller(WA)	1-18-89
58	11:32	Ray Gordon(DC)	6-25-76
	p11:21.8	John Hepner(OR)	- -90
59	11:14.0	Clive Davies(OR)	7-13-75
60	11:24.82i	Joe King(CA)	3-29-87
61	11:08.2	Bill McChesney(OR)	6-16-89
62	11:09	Don Longenecker(NM)	6-25-78
63	11:52.6	Norman Bright(WA)	7- 3-73
64	11:41.2	Norman Bright(WA)	4- 6-74
65	11:35.6	Norman Bright(WA)	6-17-75
66	11:30.0	Monty Montgomery(CA)	3-25-73
67	10:58.2	John Gilmore(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 Bradenbeck(OH)	3-14-76
71	12:42.4	Stan Nicholls(AUS)	7- 4-82
	13:09.0	Harold Chapson(NI)	10-14-73
72	12:48.0i	Richard Bradenbeck(OH)	3-19-78
73	12:41.0	Harold Chapson(NI)	3-14-76
74	13:47.6	Richard Bradenbeck(OH)	6-21-80
75	14:28.2i	William Brobst(NY)	3-20-88
76	14:30	Lou Gregory(FL)	9-30-78
77	14:41	Paul Spangler(CA)	6-12-76
78	15:41	Paul Spangler(CA)	4-16-77
79	15:12.4i	Paul Spangler(CA)	3-17-79
80	15:47.2	Paul Spangler(CA)	7-22-79
81	16:40.2	Paul Spangler(CA)	6- 7-80
82	16:46	Albert Gordon(NY)	10-15-83
91	32:38.4i	Herb Kirk(MT)	1-11-87

THREE MILES

35	13:17.3m	Carlos Lopes(POR)	7-14-82
	13:44.2	Peter McArdle(NY)	6-11-64
	13:38.6m	Lucien Rault(FRA)	8-24-72
36	14:22.3m	Mike Manley(OR)	5- 6-78
	p13:16.4m	Miruts Yifter(ETH)	6- 7-80
	p13:28.1m	Carlos Lopes(POR)	- -83
	p13:54.2i	Frank Pflaging(MD)	- -69
37	13:16.36m	Carlos Lopes(POR)	6-28-84
	14:38.4	Peter Mundle(CA)	3-19-66
38	13:47.8m	Michel Bernard(FRA)	7-19-70
	13:51.7m	Mike Manley(OR)	6- 1-80
39	13:40.0m	Michel Bernard(FRA)	6-26-71
	14:25.4m	Barry Brown(FL)	8-11-83
	13:45.6m	Lucien Rault(FRA)	5-21-76
	14:27.0m	Mike Manley(OR)	6- 6-82
41	14:16.6m	Lucien Rault(FRA)	10- 9-77
	14:40.2m	Tom Laris(CA)	8- 6-81
42	14:04.2m	Lucien Rault(FRA)	6-24-78
	14:29.2	Ray Hatton(OR)	6-15-74
43	14:21.0m	Jack Foster(NZL)	2-21-76
	14:41.6	Ray Hatton(OR)	4-26-75
44	14:33.6	Jim McDonald(NZL)	4-18-79
	14:45.2	Hal Higdon(IN)	8- 8-75
45	14:56.4m	Alain Mimoun(FRA)	5-29-66
	15:17.0	Ken Winn(GA)	6-11-83
46	14:23.6m	Lucien Rault(FRA)	6-19-82
	15:07	Peter Mundle(CA)	7- 7-74
47	14:44.18m	Antonio Villanueva(MEX)	12- 1-87
	15:12.25m	Mike Manley(OR)	8- 1-89
48	15:17.4m	Ray Hatton(OR)	8- 2-80
49	14:46.66m	Antonio Villanueva(MEX)	8- 1-89
	15:17.6m	Ray Hatton(OR)	8-16-81
50	15:06.0m	Jean Osenlen(BEL)	9-12-84
	15:37.8	James O'Neil(CA)	1-10-76
51	15:35.93m	Jean Osenlen(BEL)	6-26-85
	15:39	Peter Mundle(CA)	5-31-79
	p15:19.63m	Edgar Friedli(SUI)	7- 4-84
52	15:46.21m	Wilfried Chiau(BEL)	8- 1-89
	15:47.0m	Ray Hatton(OR)	7-14-84
53	15:57.4m	Ray Hatton(OR)	7-27-85
	p15:50.51m	Rolf Konzelmann(GFR)	8-25-85
54	15:54.2	Jim McDonald(NZL)	2-12-89
	16:13.66m	Bill Foulk(MT)	8-16-87
55	15:42.6m	Gunther Hesselmann(GFR)	6-27-81
	16:27.1m	James O'Neil(CA)	1-12-81
56	15:57.0m	George McGrath(AUS)	1- -76
	16:25	Alex Rattelle(NM)	8-22-87
57	16:31m	John Gilmore(AUS)	1-24-77
	16:34.0m	Alex Rattelle(NM)	8-14-82
58	16:00.6m	Jack Ryan(AUS)	3- -81
	16:58m	James O'Neil(CA)	9-17-83
59	16:45.01m	Luciano Acquarone(ITA)	6-30-90
	16:51.2	Clive Davies(OR)	7-13-75
60	16:36.99m	Cesare Bini(ITA)	8- 1-89
	16:52.0m	James O'Neil(CA)	6-25-85
61	16:33.3m	John Gilmore(AUS)	8- 9-80
	17:38.0m	John Gilmore(AUS)	6-19-77
62	16:52.0m	John Gilmore(AUS)	4-11-82
63	17:27.5m	Don Longenecker(NM)	6-25-78
64	17:19.0m	Clive Davies(OR)	7- 8-79
65	17:43.35m	Clive Davies(OR)	8- 2-80
	17:59.2	Jack Ryan(AUS)	12- 1-87
	17:25.4m	Norman Bright(WA)	7-22-75
	17:40.4m	John Gilmore(AUS)	6-25-85
	17:49.8m	John Gilmore(AUS)	7-31-82
67	18:44	Norman Bright(WA)	4- 5-87
68	18:10.37m	John Gilmore(AUS)	5- 6-77
	19:00	William Andberg(MN)	6-16-79
	19:42.0m	John Gilmore(AUS)	3-26-89
69	19:31	Otto Essig(MA)	5-18-75
	18:46.62m	John Gilmore(AUS)	8- 1-89
	20:05.4m	Ray Sears(IN)	8- 8-77
71	19:09.0	Stan Nicholls(AUS)	7- 4-82
	21:12.0m	Sidney Madden(CA)	8-19-79
72	20:14.4	Harold Chapson(NI)	4-27-75
73	20:02.57m	Alfred Funk(MT)	8-16-87
74	20:38.2	Harold Chapson(NI)	1-30-77
75	20:36.0M	David Morrison(GBR)	9- 9-89
76	20:55.39m	Alfred Funk(MT)	8- 1-89
77	20:59.0m	Edward Benham(MD)	9-23-83
78	21:35.2m	Edward Benham(MD)	5- 4-85
79	21:41.79m	Edward Benham(MD)	8-22-85
	21:19.8m	Edward Benham(MD)	7-20-86

5000 METERS

35	13:17.3	Carlos Lopes(POR)	7-14-82
	14:17.2	Peter McArdle(NY)	5-31-64
	p13:10.44	Mamou Boutayeb(MOR)	- -91
	p13:22.80	Steve Plascencia(US)	7- 6-91
36	13:28.1	Carlos Lopes(POR)	7-26-83
	14:22.3	Mike Manley(OR)	5- 6-78
	p13:16.4	Miruts Yifter(ETH)	6- 7-80
37	13:16.36	Carlos Lopes(POR)	6-28-84
	15:06.8	Ramesh Thomas(MD)	11-23-80
38	13:47.8	Michel Bernard(FRA)	7-19-70
	13:51.7	Mike Manley(OR)	6- 1-80
39	13:40.0	Michel Bernard(FRA)	6-26-71
	14:25.4	Barry Brown(FL)	8-11-83
40	13:45.6	Lucien Rault(FRA)	5-21-76
	14:27.0	Mike Manley(OR)	6- 6-82
41	14:16.6	Lucien Rault(FRA)	10- 9-77
	14:40.2	Tom Laris(CA)	8- 6-81
42	14:04.2	Lucien Rault(FRA)	6-24-78
	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 Alberg(WA)	7- 4-91
45	14:56.4	Alain Mimoun(FRA)	5-29-66
	15:22.15	Michael Heffernan(OR)	8-25-85
46	14:23.6	Lucien Rault(FRA)	6-19-82
	15:11.2	Salvador Vazquez(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 Osenlen(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)	7-25-81
	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 Rattelle(NM)	8-22-87
57	16:31	John Gilmore(AUS)	1-24-77
	16:34.0	Alex Rattelle(NM)	8-14-82
58	16:00.6	Jack Ryan(AUS)	3- -81
	16:58.6	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 Gilmore(AUS)	8- 9-80
	17:38.0	Clive Davies(OR)	6-19-77
62	16:38.4	John Gilmore(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(OR)	8- 2-80
65	17:43.35	Jack Ryan(AUS)	12- 1-87
	18:27.04	Joe King(CA)	7-25-91
66	17:25.4	John Gilmore(AUS)	6-25-85
	17:40.4	Clive Davies(OR)	7-31-82
67	17:49.8	John Gilmore(AUS)	4- 5-87
	19:04.6	John Holoubek(CA)	10- 1-83
68	18:10.37	John Gilmore(AUS)	5- 1-88
	19:11.7	William Andberg(MN)	7- 8-79

69	18:42.0	John Gilmour(AUS)	3-26-89
	19:59.0	Scotty Carter(MA)	8- 3-86
70	18:46.62	John Gilmour(AUS)	8- 1-89
	20:05.4	Ray Sears(IN)	8- 8-77
	18:43.61h	Warren Utas(IL)	7-23-91
71	19:07.25	John Gilmour(AUS)	7-25-91
	20:51.6	Harold Chapson(NI)	4-27-75
73	20:02.57	Alfred Funk(MT)	8-16-87
74	20:57.6	Louis Charbonneau(FRA)	9-10-78
	21:08.0	Lou Gregory(FL)	12-22-76
75	20:36.0	David Morrison(GBR)	9- 9-89
	20:55.39	Alfred Funk(MT)	8- 1-89
76	20:59.0	Edward Benham(MD)	9-23-83
77	21:35.2	Edward Benham(MD)	5- 4-85
78	21:41.79	Edward Benham(MD)	8-22-85
79	21:19.8	Edward Benham(MD)	7-20-86
80	22:31.82	Edward Benham(MD)	12- 1-87
81	21:46.86	Edward Benham(MD)	6-22-89
82	22:08.79	Edward Benham(MD)	8- 1-89
83	22:57.4	Edward Benham(MD)	8- 4-90
84	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	37:39.38m	Paul Spangler(CA)	8- 1-89
91	48:38.8mi	Herb Kirk(MT)	1-11-87

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			

59	34:50.60m	Luciano Acquarone(ITA)	6-30-90	52	32:10.8	Luciano Acquarone(ITA)	5- 7-83	45	11-1268	18.862 Alain Mimoun(FRA)	3-20-66	42	9:14.4	Jim McDonald(NZL)	2- 5-77
	35:05	Clive Davies(OR)	7-12-75		32:29.4	Ray Hatton(OR)	6-30-84		11-81	17.777 Earl Ellis(WA)	7-30-81		9:38.0	Hal Higdon(IN)	6-24-73
60	35:07.7m	John Gilmour(AUS)	7-27-79	53	33:05.0	John Gilmour(AUS)	8-27-72	46	11-568	18.222 Wilfried Irmén(GFR)	6-17-79	43	9:20.6	Alfons Ida(GFR)	8-11-77
	35:44.2m	James O'Neill(CA)	6-22-85		34:46	James O'Neill(CA)	7- 7-78		10-1520	17.483 Peter Mundle(CA)	8-27-74		9:51.2	Low Faxon(VA)	9-24-83
61	34:23m	John Gilmour(AUS)	11-26-80	54	32:55.2	Jean Onselén(BEL)	6-25-88	47	11-844	18.475 Alain Mimoun(FRA)	3-17-68		p9:00.7	Gaston Roelants(BEL)	8-15-75
	36:27.6m	Gaylon Jorgensen(NV)	8- 2-90		33:54.4	James O'Neill(CA)	7-27-79		10-1212	17.202 James McDonagh(NY)	7-24-71	44	9:18.6	Hal Higdon(IN)	9- 2-84
62	34:30.10m	Derek Turnbull(NZL)	7-29-89	55	32:50.3	Gunther Hesselmann(GFR)	6- 2-81		p11-202	17.887 Ray Hatton(OR)	- 7-9	45	9:16.2	Nils Undersaker(NOR)	6-27-76
	36:40.60m	James O'Neill(CA)	8-14-87		33:47.4	Ray Hatton(OR)	8- 1-87	48	11-223	17.907 Hal Higdon(IN)	6-25-79		9:50	Hal Higdon(IN)	12- 5-87
63	35:19.8m	Clive Davies(OR)	8-19-78	56	33:43.04	Bill Fouk(MT)	7-29-89	49	11-816	18.449 Alain Mimoun(FRA)	4-26-70	46	9:25.28	Ron Robertson(NZL)	8-11-77
	37:09.66m	James O'Neill(CA)	7-29-89	57	33:00.66	Norman Green(PA)	7-29-89		10-1058	17.061 James Gallup(MI)	7-13-85		9:39.0	Hal Higdon(IN)	12- 5-87
65	36:04.6m	Thedde Jensen(SWE)	9-15-72	58	33:33.69	Derek Turnbull(NZL)	6-23-85	50	11-1335	18.575 Alain Mimoun(FRA)	5-16-71	47	9:31.37	Antonio Villanueva(MEX)	8- 5-89
	38:17.4	Norman Bright(WA)	7-12-75		34:24.6	Norman Green(PA)	8- 2-90	51	11-440	17.314 Peter Mundle(CA)	10- 1-78		9:56.90	Nike Manley(OR)	8- 5-89
66	36:39.0m	John Gilmour(AUS)	6-22-85	59	34:50.60	Luciano Acquarone(ITA)	6-30-90		10-535	18.105 Luciano Acquarone(ITA)	4-17-82	48	9:27.90	Ron Robertson(NZL)	8- 1-79
	37:24.4	Norman Bright(WA)	8- 3-76		36:11.58	Norman Green(PA)	7-23-91	52	11-410	16.583 Ed Demarrais(MA)	8-21-82		9:55.0	Hal Higdon(IN)	6- -89
67	36:53.8m	John Gilmour(AUS)	4-17-87	60	34:14.88	Luciano Acquarone(ITA)	7-20-91		10-847	16.868 Ed Demarrais(MA)	5-18-83	49	9:37.79	Jouko Kuha(FIN)	1- 9-81
	39:38.88m	Jim McCoun(CA)	7-29-89		35:44.2	James O'Neill(CA)	6-22-85	53	10-641	16.680 Bob Bartlett(SD)	10- 7-79	50	9:43.97	Ron Robertson(NZL)	7-27-91
68	37:37.39m	John Gilmour(AUS)	11-28-87	61	34:23	John Gilmour(AUS)	11-26-80	54	10-385	16.445 Cliff Boulde(AUS)	10- 4-70		10:53.7	David Stevenson(CA)	7- 7-79
	40:26.5m	William Andberg(MN)	7- 6-79		36:27.6	Gaylon Jorgensen(NV)	8- 2-90		10-263	16.334 Hubert Morgan(PA)	5- 9-76	51	9:50.23	Jouko Kuha(FIN)	7-27-91
69	38:53.8m	John Gilmour(AUS)	3-24-89	62	34:30.10	Derek Turnbull(NZL)	7-29-89	55	10-1194	17.185 John Gilmour(AUS)	10-14-74		10:31.01	Fay Bradley(DC)	7-20-89
	40:50m	Ray Sears(IN)	7-10-76		36:40.60	James O'Neill(CA)	8-14-87		10-478	16.531 James O'Neill(CA)	4-25-81	52	9:58.0	Alan Bradford(AUS)	3-17-91
70	38:26m	John Gilmour(AUS)	6-21-89	63	35:19.8	Clive Davies(OR)	8-19-78	56	10-775	16.802 James O'Neill(CA)	8- 4-81		10:53.2	David Stevenson(CA)	1-14-81
	41:21.0m	Ray Sears(IN)	8-10-77		37:09.66	James O'Neill(CA)	7-29-89	57	9-1576	15.925 Hubert Morgan(PA)	5-13-79	53	10:19.4	Maurice Horrell(GBR)	7-12-86
71	40:40.2m	Alan Burgoyne(AUS)	12-16-85	64	37:19.8	Thedde Jensen(SWE)	9-15-72	58	10-910	16.926 John Gilmour(AUS)	11-12-77		10:57.2	David Stevenson(CA)	8-28-82
	44:22.6m	Sydney Madden(CA)	7-27-79		38:48	William Andberg(MN)	7- 2-76		9-1073	15.465 Frances Kelley(US)	5-17-80	54	10:34.8	Jan Kystad(NOR)	8- 1-79
72	42:04.8	Stan Nicholls(AUS)	12-12-83	66	36:39.0	John Gilmour(AUS)	6-22-85	59	10-932	16.946 John Gilmour(AUS)	10-23-78		10:55.0	Ken Carman(MI)	8-13-82
	43:11.0	Harold Chapson(HI)	4-27-75		38:58.0	Norman Bright(WA)	8- 3-76		9-1535	15.888 Clive Davies(OR)	6-14-75	55	10:45.9	Jan Kystad(NOR)	8- 6-80
73	42:08.8	Stan Nicholls(AUS)	12-10-84	67	36:53.8	John Gilmour(AUS)	4-17-87	60	10-831	16.853 John Gilmour(AUS)	10-21-79		11:05.18	Don Slocumb(TX)	8- 5-89
	42:14	Edward Benham(MD)	5- 2-81		39:38.68	Jim McCoun(CA)	7-29-89		9-880	15.289 William Andberg(MN)	9-26-71	56	10:39.0	Eligio Galicia(MEX)	8- 1-79
74	42:53.6	Stan Nicholls(AUS)	12-16-85	68	37:37.39	John Gilmour(AUS)	11-28-87	61	10-698	16.732 John Gilmour(AUS)	10-26-80		10:59.2	Ken Carman(MI)	7-28-84
	46:15.0m	Lou Gregory(FL)	6-25-77		40:26.5	William Andberg(MN)	7- 6-79		10-201	16.277 Clive Davies(OR)	8- 7-76	57	11:17.60	Ken Carman(MI)	6-27-85
75	42:03.4m	David Morrison(GBR)	9- 9-89	69	38:53.8	John Gilmour(AUS)	3-24-89	62	9-1756	16.090 Clive Davies(OR)	6-17-78	58	11:18.36	Pierre Blanchou(FRA)	8- 5-89
	46:09.51m	William Brobston(NY)	8- 4-88		40:50	Ray Sears(IN)	7-10-76	63	9-843	15.255 Don Longenecker(NM)	12-30-79		11:48.0	Alan Waterman(CA)	6-26-77
76	43:54.8m	Edward Benham(MD)	9-25-83	70	38:26	John Gilmour(AUS)	6-21-89		p9-1214	15.594 M. Boudier(FRA)	6-12-76		p11-34.0	John Kepner(OR)	- 90
	45:53.4	Paul Spangler(CA)	7- 2-76		41:21.0	Ray Sears(IN)	8-10-77	64	9-661	15.089 George Nicps(GBR)	9-12-90	59	11:39.2	Alan Waterman(CA)	8-11-77
78	47:16.6	Paul Spangler(CA)	6-25-77	71	38:23.69	Warren Utes(LL)	7-21-91		8-1639	14.373 Bob Boal(NC)	5- -76	60	11:52.0	Olle Elvlander(SWE)	9-13-78
	44:05.10m	Edward Benham(MD)	7-18-86	72	39:04.55	John Gilmour(AUS)	7-21-91	65	9-1540	15.892 John Gilmour(AUS)	10- 7-84		12:28.6	Avery Bryant(CA)	8-18-84
80	45:44.4m	Edward Benham(MD)	11-29-87		43:47.0	William Brobston(NY)	8-23-85		9-604	15.036 Norman Bright(WA)	6-13-75	61	11:41.6	Olle Elvlander(SWE)	8- 1-79
	44:29.26m	Edward Benham(MD)	8- 4-88	73	42:52.4	David Morrison(GBR)	11-29-87	66	9-360	14.813 Norman Bright(WA)	7-15-76		12:49.4	David Stevenson(CA)	7-27-90
82	43:38.79m	Edward Benham(MD)	7-29-89		43:53.0	Eugene Keller(OH)	11-29-87	67	9-155	14.626 John Holoubek(CA)	8- 6-83	62	12:20.6	Olle Elvlander(SWE)	1- 9-81
	47:55.0m	Edward Benham(MD)	8- 2-90	74	44:18.6	Stan Nicholls(AUS)	12-16-85	68	8-1659	14.392 Stan Nicholls(AUS)	10- 7-79		12:25.8	Robert Mactarnahan(OR)	7- 6-74
84	55:29.2m	Alfred Althaus(GFR)	11-29-87		46:15.0	Lou Gregory(FL)	6-25-77		8-1100	13.881 Wayne Zook(CA)	6-11-85	63	12:33.6	Bob Boal(NC)	8-15-75
	59:57.8m	Paul Spangler(CA)	6-25-83	75	42:03.4	David Morrison(GBR)	9- 9-89	69	8-990	15.474 John Gilmour(AUS)	5-15-76	64	12:35.6	Bob Boal(NC)	4- 3-76
85	58:58.52m	Alfred Althaus(FRG)	7-29-89		46:09.51	William Brobston(NY)	8- 4-88	70	9-1083	15.780 John Gilmour(AUS)	6-21-89		12:35.2	Norman Bright(WA)	8-15-75
	63:58.4m	Paul Spangler(CA)	6-22-85	76	43:54.8	Edward Benham(MD)	9-25-83		8-1131	13.909 William Andberg(MN)	10- 4-81	65	12:42.0	Stan Nicholls(AUS)	1-28-78
87	54:23.0m	Josef Galia(GFR)	8-28-85	77	47:03.66	Eduardo Astoreka(SPA)	7-28-86	71	9-173	14.642 Stan Nicholls(AUS)	6-14-83		12:48.6	Bob Boal(NC)	5- 6-78
	80:29.2m	Paul Spangler(CA)	11-29-87		47:17.9	Lou Gregory(FL)	7- 1-77		8-875	13.658 Ray Sears(IN)	5-14-78	67	12:41.8	Stan Nicholls(AUS)	3-24-79
90	71:40.78m	Paul Spangler(CA)	7-29-89	78	47:23	Paul Spangler(CA)	7- 1-77	72	8-1120	13.899 Stan Nicholls(AUS)	6- 6-84		13:16.78	Avery Bryant(CA)	6-23-91
91	82:36.8m	Paul Spangler(CA)	8- 2-90	79	44:05.10	Edward Benham(MD)	7-18-86		8-730	13.542 Ray Sears(IN)	6-20-79	68	13:07.4	Stan Nicholls(AUS)	11-24-79
				80	45:44.4	Edward Benham(MD)	11-29-87	73	8-901	13.699 Ray Sears(IN)	6-11-80		13:24.4	Bob Boal(NC)	4-26-80
				81	44:29.26	Edward Benham(MD)	8- 4-88		8-994	13.784 Ray Sears(IN)	10- 6-81	69	12:57.6	Stan Nicholls(AUS)	1- 9-81
				82	43:38.79	Edward Benham(MD)	7-29-89	75	8-899	13.697 Edward Benham(MD)	4- 9-83		13:32.8	Bob Boal(NC)	5- 9-81
				83	47:55.0	Edward Benham(MD)	8- 2-90	76	8-131	12.995 Lou Gregory(FL)	9-30-78	70	13:26.6	Stan Nicholls(AUS)	10-10-82
				84	48:46.86	Edward Benham(MD)	7-21-91	77	7-889	12.078 Paul Spangler(CA)	6-12-76		13:43.27	Eugene Keller(OH)	8-24-85
				85	58:58.52	Alfred Althaus(FRG)	7-29-89	78	7-1735	12.852 Paul Spangler(CA)	7-16-77	71	13:03.0	Stan Nicholls(AUS)	3- 8-83
					59:54	Paul Spangler(CA)	11-18-84	79	7-1291	12.446 Paul Spangler(CA)	7-29-78		15:20.4	Bob Boal(NC)	8-13-83
				86	63:58.4	Paul Spangler(CA)	6-22-85	80	6-1408	10.944 Paul Spangler(CA)	7-29-79	72	13:43	Stan Nicholls(AUS)	11-12-83
				87	54:23.0	Josef Galia(GFR)	8-28-85	81	7-946	12.170 Paul Spangler(CA)	11- 1-80		14:43.8	Bob Boal(NC)	5- 5-84
					61:24.08	Willard Benton(CA)	7-21-91	82	5-1319	9.253 Willard Benton(CA)	7-17-86	73	14:12.6	Stan Nicholls(AUS)	12-15-84
				88	70:29.2	Paul Spangler(CA)	11-29-87	83	7-141	11.394 Paul Spangler(CA)	8-14-82		14:53.0	Bob Boal(NC)	5- 4-85
				89	71:40.78	Paul Spangler(CA)	7-29-89	84	6-1072	10.636 Paul Spangler(CA)	8- 6-83	74	14:56.6	Stan Nicholls(AUS)	12-21-85
				91	82:36.8	Paul Spangler(CA)	8- 2-90	85	6-472	10.088 Paul Spangler(CA)	11-18-84	75	15:21.0	Stan Nicholls(AUS)	11-15-86
				92	88:12.40	Paul Spangler(CA)	7-21-91	86	4-171	6.594 Herb Kirk(MT)	2- 5-83	76	17:04.6	Stan Nicholls(AUS)	2-13-88
								87	3-1043	5.800 Herb Kirk(MT)	1-21-84		19:04.8	Lou Gregory(FL)	8-20-78
								91	3-1362	6.073 Herb Kirk(MT)	1-11-87	77	20:17.0	Mat Pisciotto(CA)	8- 9-81

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 Plascencia(US)	6-14-91	
	27:23.44	Carlos Lopes(POR)	7- 9-83
	28:26.4	Gary Tuttle(CA)	4-28-84
37	27:17.48	Carlos Lopes(POR)	7- 2-84
	31:18.4	Randy Taylor(AR)	4-25-85
38	28:16.0	Anatoly Badrakov(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 Almborg(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 Irmén(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

ONE HOUR RUN

35	12-1599	20.774 Gaston Roelants(BEL)	9-20-72
	11-1070	18.681 Ken Mueller(MA)	5-13

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	10:10.66	Eugene Keller(OH)	8- 5-90
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	14:22.44	Charles Espy(FL)	8- 5-90

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 Crandal(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 Starners(CA)	6- 6-87
53	20.5	Jerry Starners(CA)	2-13-88
54	20.60dec	James McGrath(AUS)	1-12-86
	20.9	Jerry Starners(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 Skartvedt(WA)	12-11-88
58	24.42	Darold Skartvedt(WA)	12-10-89
59	24.4dec	Darold Skartvedt(WA)	12- 9-90
61	30.5dec	Stan Thompson(HI)	3-12-72
62	23.0dec	Bud Deacon(HI)	8-25-73
63	25.7y	Stan Thompson(HI)	7- 6-74
64	24.6y	Stan Thompson(HI)	12- 8-74
68	32.2y	Stan Thompson(HI)	2-11-79

110 METER HURDLES (39'')

35	14.2	Thomas Malik(SC)	6-10-84
36	14.4	George Carly(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
	w14.33	Stan Druckrey(WI)	7-17-88
	w14.32	Stan Druckrey(WI)	8-14-87
		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)	6-22-89
	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
44	14.90	Walt Butler(CA)	8-10-85
45	14.7y	Valbjorn Thorlaksson(ICE)	7- 8-79
	15.32	Walt Butler(CA)	7-18-86
	w15.1	Theo Viltz(CA)	5-28-88
46	15.0	Jack Greenwood(KS)	9-14-72
	15.0	Theo Viltz(CA)	5-27-89
47	15.4	Jack Greenwood(KS)	6-23-73
	w15.2y	Jack Greenwood(KS)	12-12-78
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
	15.8	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	22.5y	Stan Thompson(HI)	7-31-71
62	22.3y	Bud Deacon(HI)	7- 7-73
64	22.8y	Stan Thompson(HI)	12- 8-74
66	25.3	Stan Thompson(HI)	4-10-77
68	28.2y	Stan Thompson(HI)	3- 4-79
74	32.1	Stan Thompson(HI)	6-29-85

110 METER HURDLES (36'')

40	15.0	Alvin Henry(CA)	6-24-78
	w14.7	Larry Sallinger(CA)	7- 9-83
41	14.3	Walt Butler(CA)	6-12-82
42	14.3	Walt Butler(CA)	7- 3-83
43	14.48	Walt Butler(CA)	8-25-84
44	14.9	Walt Butler(CA)	2- 8-86
45	14.7	Walt Butler(CA)	5-31-86
	w14.6	Walt Butler(CA)	5-24-86
46	15.4y	Jack Greenwood(KS)	4- 7-73
	w15.3	Walt Butler(CA)	7-18-87
47	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- 4-77
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 Starners(CA)	2-11-89
	w17.3	Phil Mulkey(GA)	7-12-87
55	16.6	Andre Findeli(FRA)	9-14-78
	16.8	Charles Beaudry(TX)	8-24-74
56	15.8	Jack Greenwood(KS)	9- 4-82
57	17.03h	Jack Greenwood(KS)	9-28-83
	w16.15	Jack Greenwood(KS)	9-29-83
58	17.3	Tom Patsalis(CA)	4-12-80
	w16.2	Jack Greenwood(KS)	8-17-84
59	16.6	Jack Greenwood(KS)	6- 9-85
60	20.5y	George Braceland(PA)	4- 6-74
61	21.5y	Claude Hills(PA)	4- 6-74
62	19.8y	Bud Deacon(HI)	4- 6-74
63	20.4	Bud Deacon(HI)	6-29-74
64	23.0y	Stan Thompson(HI)	12- 8-74
65	21.0	Harry Logan(AUS)	1-22-83

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

110 METER HURDLES (33'')

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

110 METER HURDLES (30'')

55	15.4	Charles Beaudry(TX)	8-24-74
56	15.9y	Charles Beaudry(TX)	8- 3-75
57	15.4y	Charles Beaudry(TX)	12-14-75
58	21.3	Jim Craine(MI)	11- 5-78
60	16.12	Jack Greenwood(KS)	8-31-86
	16.2	Andre Findeli(FRA)	7-13-83
61	16.38	Tom Patsalis(CA)	5-21-83
62	17.5	Robert Hunt(CA)	6-12-82
	w17.31	Robert Hunt(CA)	8- 6-82
63	17.0	Robert Hunt(CA)	5-21-83
64	17.60	Burl Gist(CA)	5-26-84
	w17.1	Burl Gist(CA)	5-12-84
65	18.28	Alfred Guidet(CA)	5-21-83
	w18.1	Burl Gist(CA)	5- 4-85
66	18.15	Alfred Guidet(CA)	5-14-83
67	18.8	Alfred Guidet(CA)	5-26-84
68	19.3	Herb Miller(CA)	5-21-83
	19.7	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	Russel Meyers(FL)	7- 5-80
77	20.83	Russel Meyers(FL)	5- 9-81
78	23.4	Claude Hills(PA)	6-19-91
79	23.6	Claude Hills(PA)	7-17-91
80	26.0	Herbert Anderson(CO)	7-24-82
81	27.3	Herbert Anderson(CO)	9- 4-83
82	26.1dec	A. E. Pitcher(IN)	7- 8-84
83	30.4	A. E. Pitcher(IN)	7-20-85

100 METER HURDLES (36'')

50	13.57w	Walt Butler(CA)	7- 5-91
51	14.1h	Hugh Adams(CA)	5-25-91
52	15.12h	Emil Paulik(US)	7-20-91
	16.8w	Charles Miller(TX)	7-14-90
53	14.40w	Charles Miller(TX)	5-18-91
54	16.8	Leon Trout(NJ)	6- 4-89
55	15.0	Phil Mulkey(GA)	5-14-88
56	15.50	Douglas McFeters(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

100 METER HURDLES (30'')

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
	w16.30	Jack Greenwood(CO)	7-21-91
66	17.7	Burl Gist(CA)	5-17-86
	17.7	Robert Hunt(CA)	7-11-86
	w16.5	Burl Gist(CA)	5-24-86
	w17.2	Robert Hunt(CA)	8- 2-86
	17.7	Robert Hunt(CA)	6-20-87
	w17.3	Burl Gist(CA)	5-30-87
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
	17.79	Robert Hunt(CA)	7-30-89
	17.8	Burl Gist(CA)	7-16-89</

71	14.6	Alfred Guidet(CA)	5-27-89
	14.60h	Herb Miller(CA)	12- 4-87
	w14.22	Burt Gist(CA)	7- 5-91
	w14.4	Robert Reckwardt(GFR)	8-21-84
72	14.46	Robert Reckwardt(GFR)	6-23-85
	14.78	Alfred Guidet(CA)	6-16-90
	w14.6	Herb Miller(CA)	5-28-88
73	14.5	Herb Miller(CA)	5-27-89
74	14.92	Robert Reckwardt(GFR)	12- 5-87
	15.29	Frank Finger(VA)	7-30-89
75	15.0	Frank Finger(VA)	9- 1-90
76	15.2	Frank Finger(VA)	8- 4-91
77	16.4	Karl Trei(CAN)	6-21-86
	16.85dec	Claude Hills(PA)	7-28-89
	w16.22	Claude Hills(PA)	7-30-89
78	16.29	Ahiti Pajunen(FIN)	12- 5-87
	19.98	Bob Boal(MC)	5- 5-90
	w16.0	Bert Morrow(CAN)	5-25-91
	w19.72	Bob Boal(MC)	8- 5-90
79	17.86	Karl Trei(CAN)	8-27-88
	18.10	Claude Hills(PA)	8-17-91
80	17.29	Karl Trei(CAN)	7-30-89
	17.5	Russell Meyers(FL)	7- 7-84
	w17.1	Karl Trei(CAN)	6-10-89
81	18.80	Karl Trei(CAN)	6-30-90
	19.79	A. E. Pitcher(IN)	6-11-83
82	19.5	A. E. Pitcher(IN)	5-26-84
83	21.48	A. E. Pitcher(IN)	5- 4-85

400 METER HURDLES (36")

35	49.72	James King(CA)	5-13-84
	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	55.1	Jim Dixon(GBR)	6- 8-75
	57.67	Gary Miller(CA)	1- 9-81
44	55.5	Jim Dixon(GBR)	6-13-76
	57.1	Bill Knocke(CA)	7- 1-84
45	55.64	Guido Mueller(GFR)	8-25-84
	58.12	Hugh Adams(CA)	4-13-85
46	55.7	Jack Greenwood(KS)	8-24-72
47	55.18	Guido Mueller(GFR)	8- 1-86
	57.5	Jack Greenwood(KS)	7- 6-73
48	57.5	Jack Greenwood(KS)	7- 6-74
49	55.69	Guido Mueller(FRG)	6-25-88
	57.8	Jack Greenwood(KS)	8-15-75
50	61.8	Bill Knocke(CA)	9- 8-90
51	59.5	Jack Greenwood(KS)	7- 2-77
52	67.7	Jonathan Sharp(CO)	7- 6-73
53	88.5	Ed Reiner(CA)	8-24-72
54	66.7	Alfred Guidet(CA)	7- 1-72
55	63.6	Alfred Guidet(CA)	6-24-73
56	66.7	Boo Morcom(PA)	6-26-77
57	84.1	Jim Craine(NI)	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(NI)	12- 8-74
67	1:43.5	Stan Thompson(NI)	11-27-77
68	91.2	Stan Thompson(NI)	12-31-78
70	1:52.2	Stan Thompson(NI)	12- 7-80
72	1:50.7	Stan Thompson(NI)	8-28-83
74	1:51.4	Stan Thompson(NI)	7-20-85

400 METER HURDLES (33")

50	58.1	Jack Greenwood(KS)	7- 3-76
51	58.2	Jack Greenwood(KS)	8-11-77
52	59.70	Ovidio De Jesus(PUR)	8-23-85
	64.26	Lee Blount(MO)	8-19-84

53	59.04	Jack Greenwood(KS)	7-29-79
54	62.6	Andre Findeli(FRA)	8-11-77
	62.8	Rudolph Valentine(NY)	8-11-77
55	62.3	Andre Findeli(FRA)	9-10-78
	p63.2	Boo Morcom(PA)	6-27-76
	p61.90	Baeth 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(NI)	4-23-78
67	90.5	Stan Thompson(NI)	2- 5-78
68	94.6	Stan Thompson(NI)	11-26-78
69	1:42.0y	Stan Thompson(NI)	12-29-79
70	1:48.9y	Stan Thompson(NI)	12- 7-80
72	1:55.8	Stan Thompson(NI)	10-24-82

400 METER HURDLES (30")

60	64.45	Frans Buys(NOL)	5-31-85
	65.71	Jack Greenwood(KS)	8-31-86
61	66.37	Rudolph Valentine(NY)	5- 4-85
62	66.01	Rudolph Valentine(NY)	8-23-85
63	68.98	Trygve Syversen(NOR)	8- 3-85
	69.1	Bud Deacon(NI)	6-23-74
64	69.8	Rudolph Valentine(NY)	7-31-87
65	71.4	Robert Hunt(CA)	5-18-85
66	73.34	Alfred Guidet(CA)	8-19-84
67	75.2	Richard Lacey(NY)	7- 2-77
68	73.07	Frank Finger(VA)	5- 7-83
69	75.96	Frank Finger(VA)	7-28-84
70	77.50	Gilberto Gonzalez(PUR)	9-27-83
	83.86	Bob Boal(MC)	5- 8-82
71	80.6	Harold Niebel(MO)	9- 1-85
72	79.5	Gilberto Gonzalez(PUR)	8-23-85
73	85.12	Bud Deacon(NI)	7-24-83
74	87.20	Richard Lacey(FL)	9-27-83
75	92.5	Konrad Boas(NY)	5- 6-78
	p91.06	Herbert Anderson(CO)	8-11-77
	94.46	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
	40.92	Willi Kalbermatter(SUI)	6-30-90
51	45.37h	John Head(CA)	8- 1-89
	p43.2	Richard Miller(NJ)	8- 4-88
	43.18h	Charles Miller(TX)	8- 1-89
52	44.54h	Poochi Parthasarathy(IND)	8- 1-89
53	47.65	James Bradley(VA)	7-21-89
54	46.5	Hector Cisneros(TX)	8- 4-88
55	43.29	Ovidio De Jesus(PUR)	9-17-88
	43.28	Erkki Knapp(FIN)	8- 3-89
	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
61	45.63	Jack Greenwood(KS)	6- 4-88
62	45.59	Jack Greenwood(KS)	7- 3-88
63	43.49	Jack Greenwood(CO)	8- 3-89

64	47.19	Rudolph Valentine(NY)	12- 1-87
65	45.20	Jack Greenwood(CO)	7-25-91
66	50.63	Robert Hunt(CA)	7-19-86
67	49.80	Rudolph Valentine(NY)	8- 3-90
68	50.25	Albertus Van Zyl(RSA)	4-19-91
	51.33	Roberts Hunt(CA)	8- 4-88
69	51.14	Walter Dahlin(CA)	6-23-90
70	53.84	Dan Bulkeley(OR)	12- 1-87
71	52.0	Trevor A. Newman(RSA)	5- 6-89
	52.64	Dan Bulkeley(OR)	8- 4-88
72	52.44	Dan Bulkeley(OR)	8- 3-89
73	58.03	Herb Miller(CA)	7-21-89
75	61.75	Claude Hills(PA)	12- 1-87
76	56.82	Frank Finger(VA)	8-17-91
77	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
81	78.0	Karl Trei(CAN)	6- 9-90

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 Viktor Bolshov(URS)	5-30-75
	7'0"	2.13 Dwight Stones(US)	8- 3-90
37	6'9"	2.06 John Hartfield(CA)	8- 7-82
38	6'8 1/4"	2.04 John Dobroth(CA)	5-26-79
	p6'11 1/2"	2.12 Istron Meijor(CAN)	- -88
	6'9 1/2"	2.04 John Hartfield(TX)	9- 2-84
	6'9"	2.06 John Hartfield(TX)	9- 1-85
	p6'9 1/2"	2.07 J. Meijor(MUM)	6-30-90
41	6'8"	2.03 John Hartfield(TX)	8- 2-86
42	6'7 1/4"	2.01 John Hartfield(TX)	6-28-87
43	6'5"	1.95 John Dobroth(CA)	10- 6-84
	6'4 3/4"	1.95 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
45	6'2"	1.88 Frank Costello(MD)	8- 5-89
	p6'5 1/4"	1.88 Franc VIVOD(YUG)	8- 5-89
	p6'5 1/4"	1.96 M. Chelnov(URS)	6-30-90
46	6'1 1/4"	1.96 Asko Pesonen(FIN)	- -88
47	6'2"	1.86 John Dobroth(CA)	8-29-87
48	6'2"	1.88 Franc VIVOD(YUG)	7-25-91
	6'1 1/2"	1.87 R. Richardson(US)	6-28-80
	6'2 3/4"	1.90 Herm Wyatt(CA)	4-19-80
49	6'2"	1.88 Herm Wyatt(CA)	5-30-81
50	6'0 3/4"	1.85 R. Richardson(IL)	9-24-83
51	6'2"	1.88 Herm Wyatt(CA)	8-21-83
52	6'2"	1.88 Horst Mandl(AUT)	6-25-88
	5'11"	1.80 Herm Wyatt(CA)	9-24-83
53	6'0"	1.83 Herm Wyatt(CA)	5-18-85
54	6'0"	1.83 Herm Wyatt(CA)	5-17-86
55	5'10 1/2"	1.79 Herm Wyatt(CA)	5-23-87
56	5'8 1/4"	1.73 John C. Brown(MO)	7-13-86
57	5'8 1/2"	1.74 Herm Wyatt(CA)	6-25-89
58	5'6 1/2"	1.69 Olavi Niemi(FIN)	8-25-90
	5'5"	1.65 R. Richardson(IL)	6- 1-91
59	5'4 1/4"	1.63 Olavi Niemi(FIN)	11-24-90
	5'2 3/4"	1.59 Gordon Siefert(AL)	7-25-87
60	5'4"	1.62 John C. Brown(MO)	2-25-90
61	5'5 1/2"	1.66 Jim Gillchrist(US)	8- 5-89
62	5'5 1/2"	1.66 Jim Gillchrist(FL)	4-21-90
63	5'4 1/2"	1.64 Jim Gillchrist(FL)	7- 5-91
64	5'2 3/4"	1.59 Burl Gist(CA)	4-28-84
65	5'11"	1.55 Hans Bitter(GFR)	6-23-85
66	5'0 3/4"	1.52 Burl Gist(CA)	5- 4-85
67	5'0"	1.54 Hans Bitter(GFR)	7-13-86
68	4'11"	1.52 Burl Gist(CA)	5-24-86
	4'11 1/2"	1.55 Burl Gist(CA)	8-29-87
	4'10"	1.50 Erik Stai(NOR)	7-28-84
69	4'10 1/4"	1.46 Burl Gist(CA)	4-30-88
	4'8 3/4"	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"	1.37 Burl Gist(CA)	3-23-91
	4'6"	1.37 Larry Miller(OH)	11- 2-85
72	4'9 1/4"	1.45 Ian Hume(CAN)	9- 6-86
	4'7 1/4"	1.40 Stan Thompson(NI)	8-14-83
73	4'9"	1.45 Ian Hume(CAN)	6-18-88
	4'6 1/2"	1.38 Ham Morningstar(NI)	6- 5-90
	4'6 1/4"	1.38 Stan Thompson(NI)	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(NI)	5-11-85
75	4'8 3/4"	1.44 Esko Kolhonen(FIN)	8- 4-89
	4'4"	1.32 Stan Thompson(NI)	12-28-85

76	4'3"	1.29 Herbert Anderson(CO)	10- 7-78
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	4'2"	1.27 Herbert Anderson(CO)	9- 6-81
80	3'11 1/4"	1.20 Herbert Anderson(CO)	8-28-82
81	3'10"	1.17 Herbert Anderson(CO)	9- 3-83
	3'10"	1.17 Buell Crane(ID)	8- 9-81
	3'10"	1.17 Wesley Ward(IN)	6- 9-91
82	3'11 1/4"	1.20 Gulab Singh(IND)	12- 1-87
	3'19 3/4"	1.16 A. E. Pitcher(IN)	3-24-84
83	3'11 3/4"	1.21 Gulab Singh(IND)	8- 4-89
	3'19 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

POLE VAULT

35	18'4 1/2"	5.60 Earl Bell(US)	6-15-91
36	17'4 3/4"	5.30 Kjell Isaksson(SWE)	8- 3-84
	17'4 3/4"	5.30 K. Papanikolaou(GRE)	9- 9-77
	16'7"	5.05 Stephen Smith(OR)	7-15-88
37	17'8 1/2"	5.40 Antti Kalliomaki(FIN)	7-12-84
	15'9"	4.80 Charles Polhamus(CA)	5-16-81
38	15'9 1/2"	4.81 Charles Polhamus(CA)	4-17-82
39	15'9"	4.80 Charles Polhamus(CA)	4-10-83
40	16'9 1/4"	5.11 Kjell Isaksson(SWE)	8-20-88
	16'6"	5.03 Steve Hardison(CA)	7-15-90
41	15'7"	4.75 Rudolf Tomasek(CZE)	9- 8-78
	15'3"	4.65 Charles Polhamus(GA)	6-29-85
42	15'2 1/2"	4.6	

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	6'10 3/4	2.10 Ahiti Pajunen(FIN)	6-30-90
	6'6 1/2	1.99 Bob Macconnaghy(CA)	5-28-88
81	7'7 1/4	2.32 Ahiti Pajunen(FIN)	7-21-91
	6'1	1.85 A. E. Pitcher(IN)	9-17-83
82	6'2 3/4	1.90 A. E. Pitcher(IN)	5-26-84
83	6'5	1.95 A. E. Pitcher(IN)	1- 5-85
84	6'2	1.88 A. E. Pitcher(IN)	2-22-86
85	5'4	1.62 A. E. Pitcher(IN)	8- 2-87
86	5'8	1.73 A. E. Pitcher(IN)	5-14-88
87	5'4	1.62 A. E. Pitcher(IN)	9-24-89
88	4'6	1.37 A. E. Pitcher(IN)	2-18-90
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	25'0 3/4	7.64 Reijo Toivonen(FIN)	6-16-73
	25'0 1/4	7.62 Tom Chilton(TN)	5-19-73
	w26'1 3/4	7.97 Fidelia Mdyabegye(UGA)	5-10-85
37	24'7 1/4	7.50 Reijo Toivonen(FIN)	6- 8-74
	23'11 3/4	7.31 Tom Chilton(TN)	8-17-74
38	24'1 1/2	7.43 Mario Trombelli(GFR)	8- 4-79
	23'3 1/4	7.09 John Hartfield(TX)	9-17-83
	w24'7	7.49 Stan Whitley(CA)	6- 9-84
39	24'9	7.54 Stan Whitley(CA)	4-27-85
	w24'11	7.59 Stan Whitley(CA)	4-27-85
40	24'9	7.54 Hans Schicker(FRG)	7-24-88
	24'4 3/4	7.43 Tom Chilton(TN)	3-24-78
41	24'0 1/4	7.32 T. Taavitsainen(FIN)	6-26-85
	22'11 3/4	7.00 John Hartfield(TX)	2-22-86
	w23'4	7.11 John Hartfield(TX)	6- 7-86
42	23'6 3/4	7.18 Pericles Pinto(POR)	7- 8-79
	22'1 1/2	6.74 Stan Whitley(CA)	8- 4-88
	w22'4	6.81 Dave Jackson(CA)	6-22-74
43	23'9 1/2	7.25 Pericles Pinto(POR)	5-18-80
	23'2	7.06 Stan Whitley(CA)	7-29-89
44	22'11 1/2	7.00 Pericles Pinto(POR)	6-13-81
	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 Davissan(CA)	10- 4-75
46	23'10 1/4	7.27 T. Taavitsainen(FIN)	8-21-90
	21'8 3/4	6.62 Shirley Davissan(CA)	6-26-76
	w22'11	6.98 John Hartfield(TX)	6- 7-91
47	22'4 3/4	6.81 T. Taavitsainen(FIN)	7-23-91
	20'8 1/4	6.32 Dave Jackson(CA)	7-21-79
	w21'6 1/4	6.56 Shirley Davissan(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	21'1	6.42 Shirley Davissan(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 Davissan(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	19'11 3/4	6.09 Horst Mandl(AUT)	7-23-91
	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	16'3	4.95 Edwin Lukens(NY)	12-15-89
69	15'9 3/4	4.82 Tom Patsalis(CA)	6-15-91
w16'8 1/2	5.09 Boo Morcom(NH)	8-12-90	
w16'5	5.00 Gilberto Gonzalez(PUR)	7-18-82	
70	16'4	4.98 G. Skrievyrik(NOR)	7-25-91
71	16'2 1/4	4.93 John Alexander(TX)	5-12-90
w16'6	5.03 Heikki Simola(FIN)	- -82	
71	15'8 1/2	4.79 Ian Hume(CAN)	8-22-85
14'3 1/4	4.35 Claude Hills(PA)	9-28-83	
w16'1 3/4	4.92 Mazumi Morita(JPN)	10- 6-84	
72	14'10 3/4	4.54 Teodor Solheim(NOR)	8- 7-87
14'2 1/2	4.33 Bill Morales(CA)	3- 5-89	
w15'4 1/4	4.68 Gilberto Gonzalez(PUR)	6-27-85	
w15'0	4.57 G. Marabotti(ITA)	12- 5-87	
73	14'9 1/2	4.51 Ian Hume(CAN)	12- 9-87
13'10 1/4	4.22 Claude Hills(PA)	8-20-85	
w15'4 3/4	4.69 Mazumi Morita(JPN)	3-28-87	
w14'8 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	
13'7 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 Sattici(CA)	6-10-89	
w13'5 1/2	4.10 Claude Hills(PA)	7-11-87	
w13'1	3.99 Claude Hills(PA)	8-14-87	
76	14'4	4.37 Mazumi Morita(JPN)	7-29-89
12'10 1/2	3.92 Herbert Anderson(CO)	8- 5-78	
77	14'0 1/2	4.28 Gulab Singh(IND)	9-23-83
12'5 3/4	3.80 Claude Hills(PA)	7-27-89	
78	14'3	4.34 Mazumi Morita(JPN)	7-25-91
11'11 3/4	3.65 Jeremiah Gaines(VA)	3-24-90	
w12'0	3.66 Joe Caruso(CA)	5-28-88	
w12'0	3.66 Walt Wesbrook(US)	6-26-76	
79	12'1 3/4	3.70 Karl Trei(CAN)	3-11-89
11'11 1/2	3.64 Joe Caruso(CA)	3- 5-89	
w12'11 1/4	3.94 Gulab Singh(IND)	6-27-85	
w12'8 1/4	3.87 Kamil Bilek(CZE)	4-27-89	
80	12'5 1/4	3.79 Kamil Bilek(CZE)	6-30-90
11'7	3.53 Walt Wesbrook(US)	6-24-78	
81	11'5 1/2	3.49 Ahiti Pajunen(FIN)	7-25-91
11'5 1/2	3.49 Karl Trei(CAN)	5-27-90	
10'4 1/2	3.16 Buell Crane(ID)	8-16-81	
w10'8	3.25 Benjamin Fox(AZ)	7-19-86	
82	12'5 3/4	3.80 Gulab Singh(IND)	12- 5-87
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	10'1 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	8'6	2.59 Herbert Anderson(CO)	8- 5-88
w10'9 1/4	3.28 Richard Kalbfuss(FRG)	9- 3-88	
87	8'0	2.44 Buell Crane(ID)	12- 5-87
w8'2	2.49 Buell Crane(ID)	8-14-87	
88	8'4	2.54 Everett Hosack(OH)	4-21-90
w8'6	2.59 Everett Hosack(OH)	9- 2-90	
89	6'7 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
94	3'11 3/4	1.21 Nikko 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(IND)	7-25-91

TRIPLE JUMP

35	55'7 1/4	16.95 Ray Kimble(US)	8-12-88
36	52'6	16.00 Jozef Schmidt(POL)	8-14-71
	49'11 1/2	15.23 Dave Jackson(CA)	5-16-68
	w53'2 1/2	16.22 Jozef Schmidt(POL)	6-27-71
37	53'3 3/4	16.25 Jozef Schmidt(POL)	6-27-72
	52'9	16.08 Ray Kimble(US)	4- 6-91
38	54'1 3/4	16.50 Ray Kimble(US)	6-14-91
39	49'10 1/2	15.20 Milan Tiff(CA)	3- 5-88
w50'5 1/4	15.37 Milan Tiff(CA)	5-28-88	

40	50'9 3/4	15.49 Milan Tiff(CA)	6-18-89
41	51'6 1/4	15.70 Milan Tiff(CA)	8- 3-89
42	48'3 1/2	14.72 Michael Sauer(GFR)	5-26-84
	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
45	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 1/4	13.78 Darrel Horn(CA)	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)	3-20-83
47	44'4 1/4	13.52 Pericles Pinto(POR)	8-27-84
	43'3 1/4	13.19 Dave Jackson(CA)	7-31-79
	p46'6 1/4	14.18 Stig Backlund(FIN)	7-28-87
	w45'1 3/4	13.76 Stig Backlund(FIN)	8-31-87
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
	44'11 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)	12- 9-82
	w46'2	14.07 Stig Backlund(FIN)	6-30-90
51	43'10	13.36 Stig Backlund(FIN)	7-26-91
	41'6 1/4	12.65 Dave Jackson(CA)	8-22-83
	p44'5 1/2	13.55 Hermann Strauss(GFR)	- -82
52	42'0 3/4	12.82 Dave Jackson(CA)	9-25-83
	w44'7 3/4	13.61 Horst Mandl(AUT)	6-25-88
53	41'11 1/2	12.79 Dave Jackson(CA)	5-25-85
	w42'6 1/4	12.96 Dave Jackson(CA)	6-27-85
	w42'11 1/2	12.84 Pericles Pinto(POR)	6-30-90
54	41'3 3/4	12.59 Pericles Pinto(POR)	7-26-91
	40'10	12.44 Dave Jackson(CA)	6-28-86
	w42'7 1/2	12.99 Hermann Strauss(GFR)	6-27-85
55	41'10	12.75 Hermann Strauss(GFR)	7-28-86
	40'1 1/4	12.22 Dave Jackson(CA)	7-25-87
	w40'6	12.34 Dave Jackson(CA)	8-15-87
	w40'5	12.32 Tom Patsalis(CA)	6-26-77
56	42'0 3/4	12.82 Hermann Strauss(FRG)	8- 2-87
	40'6 3/4	12.36 Dave Jackson(CA)	12- 4-87
	w41'7	12.67 Dave Jackson(CA)	5-28-88
57	41'11 1/4	12.78 Olavi Niemi(FIN)	7- 2-89
	41'5	12.62 Gordon Farrell(CA)	1-18-75
58	39'8 1/2	12.10 Jakob Ryppal(NOR)	6-25-85
	39'4	11.99 Tom Patsalis(CA)	5-17-80
	w40'7 1/2	12.38 Olavi Niemi(FIN)	6-30-90
	w40'4 1/4	12.30 Jakob Ryppal(NOR)	8-20-84
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(SME)	12- 5-87
	39'4 3/4	12.01 Jakob Ryppal(NOR)	12- 5-87
	38'11	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 Ryppal(NOR)	8- 1-89
	p36'3 1/2	11.06 Edwin Lukens(NY)	3-24-85
64	35'11	10.69 Edwin Lukens(NY)	1- 5-86
65	35'10	10.92 Amelio Compri(ITA)	3- 3-90
	35'7 3/4	10.86 Tom Patsalis(CA)	3-29-87
66	34'11 3/4	11.11 Matti Jarvinen(FIN)	7-27-91
	33'10	10.66 Ian Hume(CAN)	1-13-81
	w35'4 1/2	10.31 Edwin Lukens(NY)	8-28-88
	p34'4 1/4	10.78 Amelio Compri(ITA)	7-27-91
	p34'6 1/4	10.47 Edwin Lukens(NY)	7- 8-89
68	33'10	10.52 Heikki Simola(FIN)	8- 9-81
	33'6	10.31 Rolf Gustavsson(AUS)	6-25-85
69	32'7 1/4	10.21 Edwin Lukens(NY)	5- 4-90
	32'3 3/4	9.94 Ian Hume(CAN)	8-17-84
70	32'5	9.85 Tom Patsalis(CA)	6-22-91
	30'10	9.88 Ian Hume(CAN)	5-25-85
	w33'9 1/4	9.40 John Alexander(TX)	3-25-90
	w33'4 1/2	10.29 Rolf Gustavsson(SME)	8-31-87
71	32'9 3/4	10.17 Ian Hume(CAN)	6-26-85
	29'10 3/4	10.00 Ian Hume(CAN)	7-26-86
	w33'1 3/4	8.86 Charles Mercurio(CA)	7- 5-91
	w30'2 1/4	10.10 Mazumi Morita(JPN)	6-26-85
	w29'2 1/2	9.20 Robert Sorlien(RI)	8-21-88
72	33'1 1/2	8.90 Charles Mercurio(CA)	5-25-91
	32'1 1/4	10.25 Mazumi Morita(JPN)	10-13-85
	32'2 1/4	8.87 Robert Sorlien(RI)	8-13-89
	w28'5 1/2	9.81 Teodor Solheim(NOR)	7-31-88
	w28'5 1/2	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-

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	12.90	Cliff Blair(US)	9- 2-90
61	39'4 1/2	12.00	Kurt Werner(GFR)	5-21-80
	36'7	11.15	David Shrader(KS)	7-10-76
62	36'0 1/4	10.98	Hans Schneider(GFR)	8-27-76
	33'6 1/2	10.22	Herb Cantor(NY)	7- 3-88
	p36'2 3/4	11.04	Hans Benz(OR)	6-18-78
63	36'4	11.07	Bill Bangert(MO)	10- 3-87
64	34'7	10.54	Hans Schneider(GFR)	10- 7-78
	32'2	9.80	Jack Thatcher(OR)	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(OR)	12-13-81
66	34'0 3/4	10.38	Rudolf Leinen(GFR)	5-15-76
	33'8 1/4	10.27	William Walmoth(MI)	9-16-90
67	32'0 1/4	9.76	Karl Leitzinger(GFR)	6-12-76
	31'5	9.57	Andrew Jones(OH)	2-23-86
68	32'0 1/2	9.76	Ross Carter(OR)	8-21-82
69	34'5	10.49	Franz Meier(SWI)	10- 3-87
	33'2	10.11	Ross Carter(OR)	8-27-83
70	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	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	25'4 3/4	7.74	Ross Carter(OR)	10-19-91
78	23'8 1/4	7.22	Arnolds Ticmanis(CAN)	12-17-83
	16'11 1/4	5.16	Arthur Wright(NY)	6-14-80
79	21'10 1/2	6.67	Arnolds Ticmanis(CAN)	10-23-85
	17'5 1/2	5.32	John Whittemore(CA)	12-10-78
80	21'9 1/2	6.64	Arnolds Ticmanis(CAN)	7-26-86
	17'7 1/2	5.37	John Whittemore(CA)	12- 9-79

SHOT PUT (6 kg)

50	57'7 1/4	17.56	H. Hombrecher(FRG)	8-14-75
	53'10	16.41	Carl Wallin(WH)	10- 5-91
	p60'6 1/2	18.45	Klaus Liedtke(FRG)	7-20-91
51	50'6	15.39	R. Luke Brown(OR)	6-22-91
	p55'4 1/4	16.87	Raimo Leino(FIN)	8- 3-85
52	50'5 1/4	15.37	Joe Keshmiri(US)	7- 5-91
53	53'9	16.38	H. Hombrecher(FRG)	9-13-78
	45'1 3/4	13.76	Al Oerter(FL)	12-30-89
54	53'2 3/4	16.22	H. Hombrecher(FRG)	7-27-79
	45'2 1/2	13.78	James Hart(CA)	7- 5-91
55	52'4	15.95	Peter Speckens(FRG)	7- 3-90
	46'7 1/2	14.21	Len Olson(VT)	3-28-87
56	48'9 1/2	14.87	Hans Potsch(AUT)	7-29-89
	43'9 1/2	13.35	Jack Erickson(TX)	3-28-87
57	43'5	13.23	Len Olson(VT)	8- 5-88
58	44'0	13.41	Cliff Blair(MA)	11-28-87
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

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	49'0 1/4	14.94	T. Von Wachenfeldt(SWE)	7- 3-90
	46'2 1/4	14.08	Phillip Brusca(MO)	7-20-89
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(US)	6-22-89
66	44'4 3/4	13.53	Reino Nokelainen(FIN)	7-30-86
	40'7 3/4	12.39	William Walmoth(MI)	3-24-90
67	42'4	12.90	Erwin Ludwig(FRG)	11-29-87
	41'1 1/2	12.53	Thomas McDermott(FL)	1-12-86
68	43'4	13.21	Rolf Gustavson(SWE)	8- 3-85
	37'8 1/2	11.49	Mike Castaneda(CA)	8-14-87
69	43'8 1/2	13.32	Voitto Elo(FIN)	8-22-84
	36'6 1/2	11.14	Daniel Aldrich(CA)	11-29-87

SHOT PUT (4 kg)

70	46'1 1/4	14.05	Voitto Elo(FIN)	6-23-85
	43'3	13.18	Donald Cumley(NV)	8- 4-90
71	44'7 3/4	13.61	Hans Bitter(FRG)	7-21-91
	43'5	13.23	Ross Carter(OR)	3-30-85
	42'3 1/2	13.40	Ross Carter(OR)	8- 2-86
	42'1 1/2	13.07	Ross Carter(OR)	6-27-87
	42'1 1/4	12.83	Voitto Elo(FIN)	3-19-89
	35'4 3/4	10.79	James York(CA)	7- 4-87
	41'5 3/4	12.64	Ross Carter(OR)	9- 3-89
	41'1 3/4	12.54	Ross Carter(OR)	5-13-90
	39'4	11.99	Ross Carter(OR)	6-22-91
	36'6 1/4	11.13	Rudolf Leinen(FRG)	7-29-88
	31'5 3/4	9.59	Jack Wood(NC)	7- 7-90
79	36'2	11.02	Antonio Gotay(PUR)	7-21-91
	31'1 1/4	9.48	Leon Joslin(WA)	6- 1-91
80	36'1	11.00	Osmo Renvall(FIN)	7-21-91
	27'5 3/4	8.37	William Garthwaite(VA)	8- 5-88
81	32'3 3/4	9.85	Vernon Cheadle(CA)	8- 1-91
82	30'11 1/4	9.43	Karsten Brodersen(CHL)	7-29-89
	27'5	8.35	Vernon Kennedy(MO)	6-22-89
	p31'7 1/4	9.63	Peter Goc(YUG)	- 7-8
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 Goc(YUG)	- 7-9
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
	23'8 3/4	7.23	Herbert Anderson(SW)	8-14-87
86	27'5 1/4	8.36	Lamberto Cicconi(ITA)	2-23-91
	21'4 1/4	6.51	Earl Salisbury(CA)	8- 4-90
87	25'0	7.62	Buell Crane(ID)	8-14-87
88	21'8 1/4	6.61	Herbert Anderson(SW)	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	14'1 1/4	4.30	Jing-chan Wang(TAI)	7-29-89
94	13'2 1/4	4.02	Otto Porath(FRG)	11-28-87
95	14'6	4.42	Tom Lane(CA)	9-24-89
96	15'4 3/4	4.69	Tom Lane(CA)	9-23-90
97	15'9	4.80	Tom Lane(CA)	9-22-91
98	21'0	6.40	Joginder Singh(IND)	11-11-90
99	20'10 3/4	6.37	Joginder Singh(IND)	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	64.04	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	217'10	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 Joupilla(FIN)	6-17-71
	131'5	40.06	Len Olson(VT)	8-27-81
51	191'9	58.44	Al Oerter(FL)	7-25-88
52	178'0	54.26	Kauko Joupilla(FIN)	8- 5-73
	137'1	41.78	Wendell Palmer(TX)	7-21-84
53	162'6	49.54	Kauko Joupilla(FIN)	8-28-74
	132'4	40.36	Wendell Palmer(TX)	6-22-85
	p181'6	55.32	Al Oerter(FL)	- 2-90
54	168'0	51.22	Kauko Joupilla(FIN)	9- 7-75
	138'5	42.20	George Ker(CA)	6-19-77
55	158'11	48.44	Kauko Joupilla(FIN)	8- 7-76
	135'2	41.20	Wendell Palmer(TX)	6-20-87

56	162'11	49.68	Kauko Joupilla(FIN)	9- 3-77
	137'11	42.04	Wendell Palmer(TX)	5-14-88
57	157'2	47.90	Kauko Joupilla(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 Joupilla(FIN)	5-27-80
	135'5	41.28	Wendell Palmer(TX)	5-26-91
60	132'8	40.44	K. Maksimczyk(GBR)	8-12-74
	111'8	34.04	Bob Richards(CA)	9-20-86
	p133'2	40.60	H. Johansson(ICE)	10- 9-87
61	123'9	37.74	Olav Reppen(NOR)	8-17-72
	101'8	31.00	David Shrader(KS)	10-11-75
62	120'8	36.80	Olav Reppen(NOR)	8-12-73
	106'10	32.56	Daniel Aldrich(CA)	12-14-80
	p149'2	45.46	Kauko Joupilla(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)	8-30-77
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	116'0	35.98	Olav Reppen(NOR)	9-11-82
	103'5	31.52	Thomas McDermott(FL)	9-16-89
72	108'5	33.04	Olav Reppen(NOR)	9-20-83
	82'5	25.12	Stanley Herrmann(CA)	1- 8-77
73	104'8	31.92	Olav Reppen(NOR)	8-23-84
	74'2 1/2	22.62	Philip Partridge(NY)	7-21-84
74	104'5	31.84	Olav Reppen(NOR)	8- 8-85
	72'3	22.02	Philip Partridge(NY)	4-13-85
75	81'4 1/2	24.80	Manuel White(Phi)	8-10-91
	80'5 1/2	24.52	Leon Joslin(WA)	6- 6-87
	72'5	22.07	Leon Joslin(WA)	7-22-88
	77'5 8/34	23.08	Leon Joslin(WA)	7-12-89
	78'7 9/12	23.71	Leon Joslin(WA)	6-20-90
	79'7 8/8	22.15	Leon Joslin(WA)	7-10-91
80	59'0	17.98	John Whittemore(CA)	12- 9-79

DISCUS THROW (1.6/1.5 kgs)

40	182'8	55.68	Bob Humphreys(CA)	4- 3-76
41	182'11	55.76	Rick Ryckmann(TX)	8- 4-82
42	200'8	61.16	Rick Ryckmann(TX)	7-21-83
43	169'3	51.60	Chuck Chapin(NY)	4- 9-88
44	198'7	60.54	Rick Ryckmann(TX)	6- 8-85
45	200'6	61.12	Lloyd Higgins(CA)	5-30-87
46	181'2	55.22	Rick Ryckmann(TX)	6-28-87
47	167'8	51.10	Fortune Gordien(CA)	6-30-70
48	182'2	55.52	Fortune Gordien(CA)	4-24-71
49	194'10	59.38	Rick Ryckmann(TX)	9-29-90
50	214'3	65.30	Al Oerter(FL)	12-28-86
51	209'4	63.80	Al Oerter(FL)	11- 7-87
52	205'10	62.74	Al Oerter(FL)	8- 3-89
53	197'11	60.34	Al Oerter(FL)	9-23-89
54	174'10	53.30	Peter Speckens(FRG)	8- 3-89
	168'1	51.24	Steward Thomson(CA)	10- 3-87
55	164'3	50.06	Bertil Tallberg(SWE)	8-31-87
	163'6	49.84	Wendell Palmer(TX)	7-25-87
56	177'1	53.98	Kauko Joupilla(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 Joupilla(FIN)	7-27-79
	159'0	48.46	Wendell Palmer(TX)</	

86	87'6 1/2	26.68	Lamberto Cicconi(ITA)	1- 6-91
	67'7	20.60	Buell Crane(ID)	7-11-86
87	69'2	21.08	Buell Crane(ID)	7- 3-87
88	69'3	19.53	Buell Crane(ID)	7-22-88
89	54'1	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	28'10 1/2	8.80	Jing-chan Wang(TAI)	8- 3-89
94	34'7	10.54	Otto Porath(GFR)	12- 4-87
95	48'7	14.81	Collister Wheeler(OR)	7-22-88
96	47'7 1/2	14.51	Collister Wheeler(OR)	6-30-89
97	36'6 1/2	11.14	Tom Lane(CA)	9-22-91
98	56'8 1/4	17.28	Joginder Singh(IND)	11-11-90
99	52'10 3/4	16.12	Joginder Singh(IND)	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	255'8	77.92	Gianpaolo Urlando(ITA)	8-28-82
	241'9	73.68	Dave McKenzie(CA)	6-14-86
38	255'2	77.78	Gianpaolo Urlando(ITA)	7-30-83
	227'0	69.20	Harold Connolly(CA)	3-22-70
39	256'5	78.16	Gianpaolo Urlando(ITA)	7-25-84
	221'10	67.62	Harold Connolly(CA)	5-23-71
40	232'7	70.90	Romuald Klim(URS)	6-22-73
	224'1	68.30	Harold Connolly(CA)	5- 7-72
	p234'11	71.60	O. Djatlov(URS)	6-30-90
41	234'1	71.36	Sreko Stiglic(YUG)	6-21-84
	212'8	64.82	Ed Burke(CA)	6-20-81
	224'110	73.72	Ed Burke(CA)	7- 9-82
43	243'1	74.10	Ed Burke(CA)	6-12-83
	243'111	74.10	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	61.32	Ed Burke(CA)	- -85
46	201'7	61.44	Hans Potach(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 Potach(AUT)	8- 1-80
	188'0	57.30	Tom Gage(MT)	8- 5-90
48	205'1	62.52	Hans Potach(AUT)	7-18-81
	192'2	58.58	Tom Gage(MT)	8- 9-91
49	200'5	61.10	Hans Potach(AUT)	7-14-82
	180'2	54.92	Bob Backus(MA)	6-20-76
	p203'11	62.16	Josef Moutousek(CZE)	- -77
50	193'5	58.96	Hans Potach(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	132'2	40.28	Aarne Miettinen(FIN)	9-26-76
	101'6	30.94	Bob Stone(CA)	2- 4-84
64	124'1	37.82	Thomas McDermott(CN)	12- 4-82
65	119'10	36.54	Thomas McDermott(CN)	12-28-83
66	123'0	37.50	Thomas McDermott(CN)	11-10-84
67	115'4	35.16	Olav Reppen(NOR)	8-10-78
	93'6 3/4	28.52	Bob Stone(CA)	7- 4-87
68	113'1	34.48	Olav Reppen(NOR)	9- 6-79
	103'3	31.48	Nolan Fowler(TN)	5- 8-82
69	109'5	33.36	Olav Reppen(NOR)	7-27-80
	100'11	30.76	Nolan Fowler(TN)	12-28-82

70	113'4	34.54	Olav Reppen(NOR)	9-13-81
	77'4	23.57	Stanley Herrmann(CA)	1-18-75
71	107'5	32.74	Olav Reppen(NOR)	10- 7-82
	81'10	24.94	Stanley Herrmann(CA)	1-10-76
72	108'1	32.96	Olav Reppen(NOR)	9-20-83
	79'3	24.15	Stanley Herrmann(CA)	1- 8-77
73	109'8	33.44	Olav Reppen(NOR)	8-23-84
	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	69'4 1/4	21.14	Norman Hawke(NZL)	12- 6-86
	61'7 3/4	18.79	James York(CA)	2- 4-89
76	83'1	25.32	Stanley Herrmann(CA)	8-31-80
77	57'5	17.50	Arnolds Ticmanis(CAN)	12-29-82
78	53'8 1/2	16.37	Arnolds Ticmanis(CAN)	12-18-83
	48'1	14.67	Arthur Wright(NY)	6-14-80
79	52'6	16.00	Arnolds Ticmanis(CAN)	10-23-85
	46'2	14.07	John Whittemore(CA)	12-10-78
80	53'3 1/2	16.24	Arnolds Ticmanis(CAN)	7-26-86
	50'11	15.53	John Whittemore(CA)	12- 9-79

HAMMER THROW (6 kg)

50	198'0	60.36	Hans Potsch(AUT)	10-14-83
	125'3	38.18	James Hart(CA)	7-18-87
51	208'0	63.40	Hans Potsch(AUT)	8-20-84
	163'5	49.82	Steward Thomson(CA)	7-15-84
52	202'8	61.78	Hans Potsch(AUT)	9-28-85
	155'8	47.44	Richard Hotchkiss(US)	7- 4-91
53	201'10	61.52	Hans Potsch(AUT)	6-28-86
	168'11	51.48	Joe Chadbourne(OH)	8- 4-84
54	208'6	63.56	Hans Potsch(AUT)	11-29-87
	153'3	46.72	Steward Thomson(CA)	8-16-87
55	204'8	62.40	Hans Potsch(AUT)	7-16-88
	197'8	60.26	Bob Backus(MA)	8- 2-81
56	197'2	60.10	Hans Potsch(AUT)	8- 4-89
	166'0	50.60	Steward Thomson(CA)	6-18-89
57	209'0	63.70	Hans Potsch(AUT)	6-30-90
	167'8	51.10	Bob Backus(MA)	5-27-84
58	186'6	56.84	Richard Rzehak(FRG)	6-25-88
	156'10	47.80	Steward Thomson(CA)	10-19-91
59	160'3	48.84	Cliff Blair(FIN)	7- 8-89
60	150'11	46.00	Eino Anttila(FIN)	9-24-83
61	142'0	43.28	Erik Andersson(SWE)	7-29-79
	137'3	41.84	Thomas McDermott(FL)	7-29-79
	145'5	44.32	Erik Andersson(SWE)	8- 6-80
	p146'7	44.68	Francisco Fragoso(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	140'10	42.68	Aarne Miettinen(FIN)	7-29-79
	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	188'0	57.30	Pentti Saarikoski(FIN)	7-31-86
	172'9	52.66	Cliff Blair(FIN)	9-29-90
61	190'3	58.00	Pentti Saarikoski(FIN)	8-26-87
	158'8	48.36	Cliff Blair(FIN)	9-15-91
62	153'2	46.68	Eino Anttila(FIN)	6-23-85
	135'7	41.34	Awin Phillip(NY)	8-25-90

63	182'3	55.56	Pentti Saarikoski(FIN)	8- 4-89
	137'5	41.88	Len Mozhaev(PA)	8- 4-89
64	144'5	44.02	Alfonso Sonneck(FRG)	8-24-85
	134'1	40.88	William Walmoth(MI)	8-27-88
65	167'10	51.76	Pentti Saarikoski(FIN)	7-18-91
	137'4	41.86	Bob Richards(TX)	7- 4-91
66	160'3	48.86	Eino Anttila(FIN)	7-21-89
	134'1	40.88	Thomas McDermott(FL)	8-19-84
67	154'10	47.20	Eino Anttila(FIN)	6-30-90
	131'8	40.14	Thomas McDermott(FL)	6-22-85
68	139'7	42.56	Max Carr(NZL)	11- -90
	134'2	40.90	Thomas McDermott(FL)	7-19-86
69	125'9	38.34	Thomas McDermott(FL)	8-16-87
70	136'10	41.72	John Fraser(AUS)	6-23-85
71	127'11	39.00	Ray 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	106'5	32.44	Berno Wischmann(FRG)	6-23-85
	96'11	29.54	Nolan Fowler(TN)	4-29-89
78	81'1 1/4	24.72	Albert Reiser(FRG)	8-21-84
79	72'9 1/4	22.18	Albert Reiser(FRG)	6-23-85
	57'7	17.55	Gordon Powell(FL)	4-29-89
82	73'7 1/2	22.44	Jakob Schumann(FRG)	8-21-84
	46'7	14.20	Burt Degroot(CA)	4-29-89
85	89'6 3/4	27.30	Friederich Bender(FRG)	6-23-85

HAMMER THROW (4 kg)

70	148'5	45.24	Roy Foley(AUS)	12- 1-87
	142'2	43.34	Thomas McDermott(FL)	4-15-88
71	155'11	47.54	Roy Foley(AUS)	3-20-88
	139'3	42.44	Thomas McDermott(FL)	8- 4-89
72	153'7	46.82	Olav Reppen(NOR)	9-20-83
	145'3	44.28	Thomas McDermott(FL)	8- 5-90
73	150'11	46.00	Thomas McDermott(FL)	5-18-91
74	131'0	39.94	Roy Foley(AUS)	7-29-91
	117'9	35.90	Nolan Fowler(TN)	8-27-88
75	146'8	44.70	Olav Reppen(NOR)	5-23-87
	119'6	36.42	Nolan Fowler(TN)	8- 4-89
	p150'8	45.92	Aarne Miettinen(FIN)	- -88
76	128'1	39.04	Karsten Brodersen(CHL)	9-24-83
	107'4	32.72	Nolan Fowler(TN)	5- 5-90
77	121'11	37.16	Osmo Renvall(FIN)	12- 1-87
	102'6	31.24	Nolan Fowler(TN)	6- 1-91
78	119'8	36.48	Aarne Miettinen(FIN)	7-18-91
	90'9	27.66	James York(CA)	8-24-91
79	119'5	36.40	Osmo Renvall(FIN)	6-30-90
	81'5 1/4	24.82	Leon Joslin(WA)	7-29-91
80	112'5	34.28	Karsten Brodersen(CHL)	12- 1-87
	67'6	20.57	Art Vesco(CA)	10-19-91
81	91'4 1/2	27.85	Jakob Schumann(FRG)	9-24-83
	82'9	25.22	Robert Ulsh(CA)	8-30-88
82	92'3	28.12	Karsten Brodersen(CHL)	8- 4-89
	81'3 1/2	24.78	Robert Ulsh(CA)	8- 4-89
83	79'7 1/4	24.26	Gulab Singh(IND)	8- 4-89
	78'1	23.80	Robert Ulsh(CA)	9- 8-90
	p124'3	37.88	Friederich Bender(FRG)	- -84
84	54'4	16.56	Everett Hocke(OH)	5- 3-86
85	62'8 3/4	19.12	Ernst Schmidt(FRG)	7-18-91
	52'9	16.08	Everett Hocke(OH)	5- 2-87
86	50'1 1/2	15.28	Hasami Okazaki(JPN)	7-18-91
	48'3	14.70	Buell Crane(ID)	7-12-86
87	54'3 1/2	16.55	Buell Crane(ID)	8-16-87
89	51'1 1/2	15.58	Buell Crane(ID)	8- 4-89
90	55'8	16.97	Buell Crane(ID)	4-21-90
91	55'6 1/2	16.93	Buell Crane(ID)	4-20-91

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			

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	173'4	52.84 Del Pickarts(CA)	6-22-91
65	168'2	51.26 Bill Morales(CA)	3-13-82
66	160'5	48.90 Mauri Mertaakivi(FIN)	8-31-87
	147'4	44.90 Bill Morales(CA)	5-21-83
67	158'11	48.44 Bill Morales(CA)	4-28-84
68	153'11	46.92 Bill Morales(CA)	2-23-85
69	154'5	47.08 Aloysius Sibidol(MAL)	7-30-89
	153'6	46.78 Bill Morales(CA)	2-22-86
70	157'9	48.08 Bill Morales(CA)	8-16-87
71	148'1	45.14 Bill Morales(CA)	6- 4-88
72	151'6	46.18 Bill Morales(CA)	7-30-89
73	136'8	41.66 Gerhard Schepe(GFR)	6-22-85
	112'11	34.42 Emery Curtice(CA)	5-31-80
74	139'1	42.40 Bill Morales(CA)	5-25-91
75	135'3	41.24 Manuel White(PHI)	8-17-91
	108'0	32.92 Emery Curtice(CA)	7-24-82
76	126'4	38.52 Gerhard Schepe(GFR)	12- 5-87
	101'6	30.94 Emery Curtice(CA)	5-21-83
77	120'8	36.78 Gerhard Schepe(FRG)	7-30-89
	104'10	31.96 Emery Curtice(CA)	5-20-84
78	103'6	31.54 Emery Curtice(CA)	5-18-85
79	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	88'8 1/2	27.04 Karsten Brodersen(CHL)	8- 1-89
	83'1 3/4	25.34 Emery Curtice(CA)	8- 1-89
83	83'3 1/4	25.38 Ken Carnine(CA)	6-22-91
84	75'6	23.01 Herbert Anderson(CO)	8-30-86
85	82'4 1/4	25.10 Masami Okazaki(JPN)	6-24-90
	66'0	20.11 Herbert Anderson(CO)	8-16-87
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	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
92	47'2	14.37 Collister Wheeler(OR)	7-27-85
93	25'11	7.90 Jing-chan Wang(TAI)	8- 1-89
94	46'10	14.27 Collister Wheeler(OR)	7-23-88
96	39'0	11.89 Collister Wheeler(OR)	7- 1-89
97	29'6	8.99 Tom Lane(CA)	9-22-91
99	69'5	21.16 Joginder Singh(IND)	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
	45'1	13.74 Cliff Blair(US)	9-26-88
59	41'8	12.70 Cliff Blair(US)	3-18-89
60	43'6 1/2	13.27 Bob Backus(MA)	9- 3-86

61	39'2	11.94 Bob Richards(CA)	10- 3-87
62	32'11 3/4	10.05 Nolan Fowler(TN)	4- 3-76
63	38'2	11.63 Thomas McDermott(CN)	12-12-81
64	37'2	11.33 Thomas McDermott(CN)	12- 4-82
65	39'2 1/2	11.95 Thomas McDermott(CN)	1-29-84
66	36'1	11.00 Nolan Fowler(TN)	10-19-80
67	36'10 1/2	11.24 Nolan Fowler(TN)	5- 9-81
68	34'9	10.59 Nolan Fowler(TN)	5- 8-82
69	37'6 3/4	11.45 Nolan Fowler(TN)	12-28-82
70	34'6 1/2	10.53 Nolan Fowler(TN)	10-20-84
71	35'1 1/4	10.70 Nolan Fowler(TN)	2-24-85
72	32'9	9.98 Nolan Fowler(TN)	2-23-86
73	31'10 1/2	9.71 Nolan Fowler(TN)	2-22-87
74	33'2 1/2	10.12 Olav Reppen(NOR)	9-26-85
75	28'1 3/4	7.66 Nolan Fowler(TN)	12- 9-87
76	29'6 1/4	8.81 Nolan Fowler(TN)	9-10-89
77	26'0 1/4	9.00 Olav Reppen(NOR)	8-20-87
78	27'10 1/4	7.93 Nolan Fowler(TN)	9-16-90
79	20'3	7.27 Nolan Fowler(TN)	9-21-91
80	19'9 3/4	6.17 Arnolds Ticmanis(CAN)	5- 5-84
	17'3	5.26 Gordon Powell(US)	6-11-88
81	20'5 3/4	6.24 Arnolds Ticmanis(CAN)	12-30-84
	17'8 1/2	5.40 John Whittemore(CA)	12-10-78
82	19'9 3/4	6.04 Arnolds Ticmanis(CAN)	7-26-86
	15'10 1/2	4.84 John Whittemore(CA)	12- 9-79
83	16'0 3/4	4.89 Gordon Powell(FL)	6-16-91
84	16'1	4.90 Gordon Powell(FL)	9-21-91
85	13'7 1/2	4.15 Everett Hosack(OH)	1- 4-86
86	14'0	4.52 Everett Hosack(OH)	9-14-86
87	12'0 1/2	3.67 Everett Hosack(OH)	9-13-87
88	14'6	4.42 Everett Hosack(OH)	1- 7-89



Len Olson, 59, Centreville, Va., second (33-10%) in the M55 weight throw, TAC National Masters Indoor Championships, Blaine, Minn. Photo by Jerry Wojcik

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	48'11	14.91 William Walmoth(MI)	2-22-86
63	49'8 1/2	15.15 Bob Richards(TX)	4- 1-89
64	48'6 3/4	14.80 William Walmoth(MI)	8-28-88
65	48'10 1/4	14.89 William Walmoth(MI)	4- 1-89
66	49'5 1/2	15.07 Thomas McDermott(CN)	11- 1-84
67	45'6	13.87 Thomas McDermott(CN)	3-24-85
68	44'5 1/2	13.55 Nolan Fowler(TN)	6-27-82
69	44'11 1/2	13.70 Nolan Fowler(TN)	8-13-83
70	44'5	13.54 Nolan Fowler(TN)	2-26-84
71	46'0	14.02 Nolan Fowler(TN)	2-24-85
72	41'7 1/2	12.69 Thomas McDermott(FL)	12-22-90
73	41'1	12.52 Nolan Fowler(TN)	2-22-87
74	36'11 1/4	11.26 Olav Reppen(NOR)	9-26-85
	35'2 3/4	10.74 Nolan Fowler(TN)	8-28-88
75	38'9 1/2	11.82 Nolan Fowler(TN)	6-17-89
76	36'3	11.05 Nolan Fowler(TN)	5- 5-90
77	32'10 3/4	10.02 Nolan Fowler(TN)	6-16-91
78	30'6 1/4	9.30 William Koski(CAN)	5-14-88
	28'7 3/4	8.73 James York(CA)	8-24-91
79	29'8 1/4	9.05 William Koski(CAN)	8-20-89
	23'10	7.26 Gordon Powell(FL)	6-17-89
80	24'1 3/4	7.36 Arnolds Ticmanis(CAN)	8- 1-86
	21'10 1/2	6.67 Gordon Powell(FL)	8- 7-89
81	25'6	7.77 Arnolds Ticmanis(CAN)	5- 2-87
	22'1 1/2	6.74 Gordon Powell(FL)	12-29-90
82	24'10	7.57 Karsten Brodersen(CHL)	8- 7-89
	21'8 3/4	6.62 Gordon Powell(FL)	8-24-91
83	19'2	5.84 Frank Furniss(FL)	9-16-90
84	18'9 1/4	5.72 Everett Hosack(OH)	9-14-86
85	17'10	5.43 Everett Hosack(OH)	6-27-87
86	10'11 1/2	3.34 Albert White(CAN)	5- 5-90
87	16'2 1/2	4.94 Everett Hosack(OH)	4-29-89
88	15'6 3/4	4.74 Everett Hosack(OH)	4-21-90
89	15'9	4.80 Everett Hosack(OH)	8- 4-91

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	Norst 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 Hauke(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	3006	James McGrath(AUS)	2-18-84
	1986	John Dick(CA)	7- -65
54	3487	Peter Fetter(CA)	8-23-75
57	2763	Darold Skardvedt(WA)	12-10-88
58	2633	Darold Skardvedt(WA)	12- 9-89
59	2455	Darold Skardvedt(WA)	12- 8-90
60	2575	Hans Schneider(GFR)	5-27-75
61	1387	Stan Thompson(HI)	3-12-72
62	2806	Bud Deacon(HI)	8-24-73
64	2184	Hans Schneider(GFR)	8-19-78
	1506	Claude Hills(PA)	9-11-76
66	827	Stan Thompson(HI)	10-14-76
70	1390	Ham Morningstar(MI)	1-30-88
72	987	Stan Thompson(HI)	5-21-83
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
	w4802	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)	6-26-86
41	5999	Bruce Hescoek(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	5363	Ed Oleata(CA)	8-28-82
	p6027	Valbjorn Thorlaksson(ICE)	- -79
46	5265	Gary Miller(CA)	3-17-84
47	5734	Gary Miller(CA)	3-23-85
48	5552	Gary Miller(CA)	5-31-86
49	5711	Gary Miller(CA)	1-24-87

DECATHLON

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

50	6212	Gary Miller(CA)	5-27-88
51	4965	Werner Schallau(FRG)	9-30-89
	4942	Gary Miller(CA)	7-27-89
52	4692	John Gilmore(SC)	7-26-86
53	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, 800g) 1962 IAAF scoring tables

60	4407	Boo Morcom(PA)	4-20-82
61	4552	Boo Morcom(PA)	8-28-82
62	3883	Bud Deacon(HI)	12- 8-73
63	4341	Boo Morcom(PA)	9-22-84
	p4407	Boo Morcom(PA)	- -84
64	4103	Boo Morcom(PA)	12- 3-85
65	3128	Ian Hume(CAN)	8-16-80
	3064	Boo Morcom(PA)	7-26-86
66	3400	Ian Hume(CAN)	6-20-81
	3085	Boo Morcom(PA)	9-19-87
	w3925	Boo Morcom(PA)	7-11-87
67	3094	Gilberto Gonzalez(PUR)	6- 6-81
	2755	Claude Hills(PA)	6-20-80
68	2958	Gilberto Gonzalez(PUR)	7-25-81
	2227	Bud Deacon(HI)	7-15-79
69	3180	Gilberto Gonzalez(PUR)	7-31-82
	2335	George Braceland(PA)	8- 6-83
70	3097	Gilberto Gonzalez(PUR)	7- 2-83
	2513	Claude Hills(PA)	7- 3-82
	w2665	Ham Morningstar(MI)	7-11-87
71	3052	Gilberto Gonzalez(PUR)	7- 7-84
	2075	Claude Hills(PA)	8- 6-83
72	1994	Claude Hills(PA)	8- 4-84
	w3146	Gilberto Gonzalez(PUR)	9-14-85

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

(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
70	1685	Adolf Koch(FRG)	12-3-87
	1386	John Alexander(TX)	8-2-90
71	1384	Bill Morales(CA)	12-3-87
	w1461	Gilberto Gonzalez(PUR)	5-5-85
	w1398	Robert Reckwardt(FRG)	8-24-84
72	1427	Gilberto Gonzalez(PUR)	6-22-85
	848	Bob Boal(NC)	5-4-84
73	1113	Claude Hills(PA)	8-30-85
	w1445	Gilberto Gonzalez(PUR)	7-13-86
74	1289	Gilberto Gonzalez(PUR)	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	1002	Gerhard Schepe(FRG)	12-3-87
	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(PUR)	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	Nasami 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	372	Herbert Anderson(CO)	12-3-87
88	280	Herbert Anderson(CO)	8-2-90

EXPLANATION OF THE AGE GRADED DEATHLON 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				DISCUS:	WAVA WEIGHT REQUIRED		
	8#	4K	5K	6K 16#		1.0K	1.5K	2.0K
ACTUAL WEIGHT USED	8#	.960	.883	.803	1.0K	1.000	.849	.760
(take actual	4K	1.000	.920	.837	1.5K	1.178	1.000	.830
distance thrown	5K	1.087	1.000	.910	2.0K	1.218	1.030	.890
times this	6K	1.134	1.043	.949	factor)	1.370	1.163	1.000
factor)	16#	1.195	1.099	1.000				
		1.342	1.235	1.124				

HURDLES:

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

AGE GRADED DEATHLON

(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	8794*	5JUN83 Guido Kratschmer(FRG)	10.83	7.65	15.96	2.00	48.81	14.37	110/42	47.18	4.60	62.48	4:26.91
30	8635*	11DEC69 Bill Toomey(CA)	10.3	7.76	14.38	1.93	47.1	14.3	110/42	46.48	4.27	65.74	4:39.4
31	8765*	9JUN84 Guido Kratschmer(FRG)	10.63	7.15	16.67	1.98	49.07	14.15	110/42	46.48	4.80	67.52	4:45.75
31	8205*	23MAR78 John Warkentin(CA)	11.1	6.80	13.93	1.95	48.9	14.4	110/42	51.14	4.28	61.68	4:29.3
32	8849*	22JUN84 Yury Kuzenkov(URS)	11.07	7.54	15.11	2.13	49.07	14.94	110/42	50.38	4.60	61.70	4:12.68
32	8076*	20MAY79 John Warkentin(CA)	11.2	6.71	14.89	1.92	49.7	14.4	110/42	47.44	4.30	62.46	4:32.7
33	8851*	25MAY86 Guido Kratschmer(FRG)	10.82	7.76	16.62	1.93	48.75	14.09	110/42	48.42	4.60	63.82	4:32.36
33	7816*	25APR71 Tom Waddell(CA)	11.4	7.33	15.07	1.96	51.7	15.8	110/42	45.62	4.20	62.96	4:49.36
34	8326*	27APR84 Fred Dixon(CA)	10.88	7.27	14.52	1.95	48.43	14.8	110/42	45.48	4.70	57.26	4:37.8
35	8322*	13MAY72 Werner Vonoltke(FRG)	11.0	6.72	14.61	1.88	52.5	15.1	110/42	48.70	4.30	63.46	5: 2.5
35	7662	27JUL86 Mike Hill(CO)	11.4	6.93	11.81	1.85	51.5	15.0		36.18	3.80	48.58	4:22.0
36	7991*	21SEP80 Lennart Hedmark(SWE)	11.4	6.51	14.53	1.80	52.5	14.9	110/42	45.74	4.00	73.74	5:29.7
36	7430	12JUL87 Mike Hill(CO)	11.5	6.65	11.57	1.85	52.9	15.3		36.26	3.90	53.09	4:42.5
37	8085*	13SEP81 Lennart Hedmark(SWE)	11.85	6.76	14.50	1.81	52.16	15.02	110/42	42.44	4.20	72.20	5:17.08
37	7629*	20JUN82 Rex Harvey(IA)	11.1	6.39	12.75	1.75	51.7	16.2	110/42	39.34	4.50	54.16	4:54.3
38	8177*	8AUG82 Lennart Hedmark(SWE)	11.58	6.62	14.38	1.80	52.62	15.33	110/42	42.76	4.25	76.94	5: 9.85
38	7171*	8JUL84 Rex Harvey(IA)	11.6	6.17	12.58	1.80	54.2	16.7	110/42	40.76	4.40	49.31	5: 9.0
39	7991*	28AUG83 Lennart Hedmark(SWE)	12.04	6.64	14.06	1.84	53.22	15.16	110/42	42.88	4.30	72.72	5:20.78
39	7374	15JUL89 Mike Hill(CO)	11.6	6.27	11.85	1.82	52.6	15.3		39.02	3.70	51.68	4:30.17
40	8011	7JUN81 Wolfgang Linkmann(FRG)	11.6	6.41	14.37	1.80	55.2	15.2		44.22	3.90	53.86	5:19.2
40	7882	27JUL86 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	6928	28JUL89 David Cowley(GBR)	11.65	6.27	8.59	1.73	51.00	15.79		25.60	3.10	33.14	4:35.17
41	7115*	5JUL75 Bruce Hescocock(CT)	12.2	6.46	11.57	1.72	55.9	17.0	110/36	35.90	3.93	46.20	5: 6.0
42	7261	9JUL88 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	7690	28JUL89 Rex Harvey(IA)	11.85	6.26	12.09	1.73	54.08	15.6		39.71	4.30	50.94	5:28.06

PENTATHLON

(2Kg,800g) 1985 IAAF scoring tables

35	3784	Silvius Kodos(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(CA)	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(CA)	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(NI)	11-12-78
59	1134	Martin Leggett(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(NI)	11-12-78
63	1489	Hans Schneider(FRG)	7-3-77
68	787	Stan Thompson(NI)	11-12-78
69	525	Jack Carson(NI)	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
	2088	Bob Roemer(CA)	9- -79
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 Dapreno(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(NH)	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

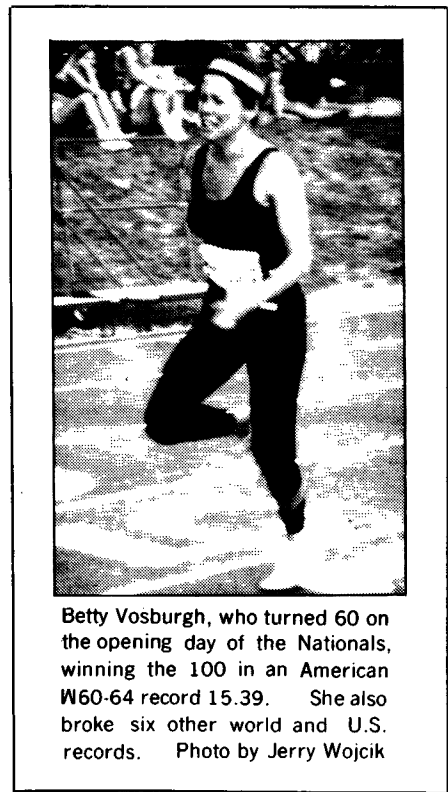


50	27.4	Irene Obera(CA)	7-15-84
	w27.25	Irene Obera(CA)	8-19-84
51	27.3	Irene Obera(CA)	6-1-85
52	27.71	Irene Obera(CA)	6-21-86
	w27.4w	Irene Obera(CA)	7-5-86
53	27.86	Irene Obera(CA)	7-25-87
	w27.7	Irene Obera(CA)	7-18-87
54	27.7	Irene Obera(CA)	7-17-88
55	28.48	Irene Obera(CA)	8-3-89
56	28.5	Shirley Peterson(NZL)	3-3-85
	32.29	Wikki Ryan(WA)	6-26-88
	w30.54	Marilyn Fitzgerald(NJ)	7-6-91
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
	31.80	Betty Vosburgh(GA)	6-1-91
60	30.05	Ann Cooper(AUS)	10-22-89
	32.17	Betty Vosburgh(GA)	8-2-91
	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
	34.65i	Mary Patterson(OH)	3-24-91
	w30.15	Shirley Peterson(NZL)	8-3-89
	w34.26	Mary Patterson(OH)	8-4-90
62	30.21	Ann Cooper(AUS)	7-25-91
	34.7	Josephine Kolda(CA)	8-17-80
63	31.79	Paula Schneiderhan(FRG)	6-26-85
	32.0	Patricia Peterson(NY)	6-4-89
64	31.59	Paula Schneiderhan(FRG)	7-31-86
	34.1y	Josephine Kolda(CA)	5-1-82
	w31.0	Paula Schneiderhan(FRG)	6-21-86
	w33.9	Josephine Kolda(CA)	8-14-82
65	32.15h	Aileen Hogan(AUS)	11-28-87
	34.09	Patricia Peterson(NY)	7-25-91
66	31.12	Paula Schneiderhan(FRG)	6-18-88
	34.6	Josephine Kolda(CA)	10-6-84
67	31.65	Paula Schneiderhan(FRG)	8-3-89
	34.2	Josephine Kolda(CA)	5-18-85
68	33.67	Audrey Reid(RSA)	9-26-83
	35.6	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	34.56	Audrey Reid(RSA)	6-26-85
	35.3	Polly Clarke(CO)	4-17-81
	w35.23	Mary Bowermaster(OH)	12-2-87
71	34.2	Polly Clarke(CO)	9-6-81
72	34.7	Audrey Reid(RSA)	4-25-87
	38.73	Marie Stafford(OR)	7-25-91
	w35.4	Polly Clarke(CO)	8-8-82
73	35.2	Polly Clarke(CO)	9-18-83
74	35.98	Polly Clarke(CO)	9-2-84
75	35.93	Polly Clarke(CO)	8-31-85
76	37.48	Polly Clarke(CO)	7-18-86
77	38.04	Polly Clarke(CO)	6-26-88
78	38.8	Polly Clarke(CO)	8-12-88
	w38.02	Polly Clarke(CO)	9-4-88
79	41.12	Polly Clarke(CO)	8-3-89
80	45.27	Berta Hiescher(FRG)	8-3-89
	71.5	Elizabeth Kawelaske(MO)	6-2-90
	w39.78	Polly Clarke(CO)	8-4-90
81	73.28	Marilla Salisbury(CA)	8-3-89
82	46.59	Berta Hiescher(FRG)	7-25-91
	91.6	Marilla Salisbury(CA)	7-28-90
	w86.24	Marilla Salisbury(CA)	8-4-90
83	57.8	Anna Ward(MO)	5-30-88
84	64.67	Anna Ward(MO)	6-22-89
85	58.4	Anna Ward(MO)	6-2-90
88	92.9	Marion Higgins(CA)	8-9-81

400 METERS

35	50.56	Aurelia Penton(CUB)	7-16-78
	56.99	Phil Raschker(GA)	8-13-82
36	51.6	Marina Stepanova(URS)	5-17-86
	56.8	Phil Raschker(GA)	6-25-83
37	55.7	Naevae Kyle(EIR)	8-30-66
	60.7	Jody Murray(FL)	4-20-91
38	56.0	Kathleen Holland(AUS)	3-25-78
	59.98	N. Simmons-McCord(NY)	8-25-85
39	55.5	Naevae Kyle(EIR)	7-19-68
	59.5	Phil Raschker(GA)	7-8-86
40	55.8	Naevae Kyle(EIR)	9-6-69
	60.4	N. Simmons-McCord(NY)	6-7-87
41	55.3	Naevae Kyle(EIR)	7-22-70
	61.5	Irene Obera(CA)	8-15-75

42	56.3	Anne McKenzie(RSA)	10-28-67
	58.07	Phil Raschker(GA)	8-5-89
43	58.21	Jan Hynes(AUS)	11-29-87
	62.4	Irene Obera(CA)	8-10-77
44	58.3	Jan Hynes(AUS)	3-24-89
	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	60.6	Anne McKenzie(RSA)	12-29-71
	61.1	Irene Obera(CA)	8-16-80
47	59.68	Colleen Mills(NZL)	1-10-81
	61.67	Irene Obera(CA)	1-10-81
48	62.8	Naevae Kyle(EIR)	8-10-77
	66.58	Joy Macdonald(FL)	7-8-89
49	61.6	Anne McKenzie(RSA)	10-5-74
	62.27	Shirley Matson(CA)	9-8-80
50	63.2	Anne McKenzie(RSA)	10-15-75
	64.58	Irene Obera(CA)	8-18-84
	63.7	Irene Obera(CA)	5-18-85
52	62.7	Pat Smith(MOL)	8-7-88
	65.1	Irene Obera(CA)	7-5-86
	p62.7	Pat Smith(MOL)	- -88
53	64.63	Irene Obera(CA)	11-29-87
54	62.8	Irene Obera(CA)	10-22-88
55	65.48	Carolyn Sue Cappelletta(MA)	7-27-91
56	68.3	J. Garcia De Schulz(VEN)	8-25-90
	70.78	Marilyn Fitzgerald(NJ)	7-5-91
57	69.2	Irene Obera(CA)	5-18-91
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(US)	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
	80.15	Mary Patterson(OH)	8-3-90
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



Betty Vosburgh, who turned 60 on the opening day of the Nationals, winning the 100 in an American W60-64 record 15.39. She also broke six other world and U.S. records. Photo by Jerry Wojcik

64	74.40	Paula Schneiderhan(FRG)	8-1-86
	80.3y	Josephine Kolda(CA)	5-1-82
65	76.24	Aileen Hogan(AUS)	12-5-87
	82.3	Josephine Kolda(CA)	10-1-83
66	73.71	Anna Mangler(FRG)	8-5-89
	84.5y	Josephine Kolda(CA)	5-5-84
67	75.63	Paula Schneiderhan(FRG)	8-5-89
	81.8	Els Tuinzing(NL)	4-29-89
68	78.3	Audrey Reid(RSA)	9-17-83
	84.60	Polly Clarke(CO)	7-8-79
69	74.73	Paula Schneiderhan(FRG)	7-27-91
	87.37	Louise Adams(CO)	7-27-91
70	79.4	Audrey Reid(RSA)	2-23-85
	87.6	Polly Clarke(CO)	4-18-81
71	80.5	Audrey Reid(RSA)	4-5-86
	93.97	Marie Stafford(OR)	6-22-91
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	Polly Clarke(CO)	9-2-84
	75	Polly Clarke(CO)	8-25-85
	76	Polly Clarke(CO)	7-20-86
	77	Polly Clarke(CO)	6-25-88
	78	Polly Clarke(CO)	6-12-88
	79	Polly Clarke(CO)	8-5-89
	80	Polly Clarke(CO)	8-3-90
	81	Marilla Salisbury(CA)	8-5-89
	82	Marilla Salisbury(CA)	8-3-90
	83	Anna Ward(MO)	5-30-88
	84	Anna Ward(MO)	6-22-89
	85	Mary Ames(CA)	7-17-89
	86	Mary Ames(CA)	5-7-89
	88	Marion Higgins(CA)	6-28-81

800 METERS

35	1:57.39	Ileana Silai(ROM)	8-28-77
	2:13.77	Jane Frederick(CA)	9-1-87
36	1:57.81	J. Kratochvilova(CZE)	8-31-87
	2:14.3h	Reiko Duda(CA)	1-9-81
37	1:58.0	Ileana Silai(ROM)	6-8-79
	2:19.83	Nancy Shafer(OH)	8-7-88
38	1:58.7	Ileana Silai(ROM)	8-21-80
	2:18y	Judy Fox(CA)	5-11-79
39	2:08.0	Anne McKenzie(RSA)	7-17-65
	2:21.7	Susanne Houlton(GA)	7-27-86
40	2:10.2y	Anne McKenzie(RSA)	4-4-66
	2:23.2	Barbara Pike(CA)	6-27-82
41	2:06.5	Anne McKenzie(RSA)	7-1-67
	2:22.71	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	2:17.43	Gudeliève Roggeman(BEL)	8-24-84
	2:24.0	Sandra Knott(OH)	8-8-82
45	2:16.8	Judy Pollock(AUS)	8- -85
	2:25.12	Taffy Martin(PA)	7-5-90
46	2:19.4	Anne McKenzie(RSA)	12-29-71
	2:26.39	Carol Flexer(WA)	8-1-89
47	2:20.5	Anne McKenzie(RSA)	1-20-73
	2:27.9	Marilyn Harbin(CA)	3-10-85
48	2:20.3	Anne McKenzie(RSA)	1-19-74
	2:26.2	Shirley Matson(CA)	9-16-89
49	2:19.6	Anne McKenzie(RSA)	12-11-74
	2:26.6	Shirley Matson(CA)	9-8-90
50	2:23.1	Anne McKenzie(RSA)	10-29-75
	2:33.0	Gretchen Snyder(CA)	5-19-84
51	2:29.7	Anne McKenzie(RSA)	1-26-77
	2:35.9	Gretchen Snyder(CA)	5-4-85
52	2:29.5	Anne McKenzie(RSA)	3-1-78
	2:33.91	Jeanne Hoagland(CA)	8-1-89
53	2:35.70	Carolyn Cappelletta(MA)	8-1-89
54	2:37.29	Ursula Astfalk(FRG)	8-1-89
	2:40.3	Vicky Bigelow(CA)	9-16-89
55	2:37.42	Edeltraud Pohl(FRG)	7-21-91
	2:45.41	Vicky Bigelow(CA)	6-15-91
56	2:46.6	Anne McKenzie(RSA)	3-27-82
	2:51.8	Beryl Skelton(NY)	8-9-85
	p2:44.47	Jean Horne(CAN)	8-1-89
	2:44.74	Luise Haushofer(FRG)	8-24-84
	2:51.11	Joyce Hals(MA)	8-1-89
58	2:43.71	Jean Horne(CAN)	7-20-91
	2:49.9	Joyce Hals(MA)	7-13-91
59	2:47.39	Joyce Hals(MA)	7-21-91

60	2:52.66	Ann Cooper(AUS)	8-1-89
	2:57.55	Betty Vosburgh(GA)	7-6-91
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 Casell(CA)	8-21-83
63	2:56.89	Ingrid Sagstad(NOR)	8-1-89
	3:17.1	Jaclyn Casell(CA)	5-19-84
64	3:06.61	Gunnel Lundkvist(SWE)	7-21-91
	3:13.32	Jaclyn Casell(CA)	6-23-85
65	3:04.53h	Hazel Cameron(CAN)	7-30-89
	3:08.21	Mary Storey(CA)	7-23-89
66	3:03.10	Anna Mangler(FRG)	8-1-89
	3:15.1	Margareta Lambert(CO)	5-27-87
67	3:04.80	Anna Mangler(FRG)	6-30-90
	3:15.98h	Louise Adams(CO)	7-30-89
	3:03.14	Gerry Davidson(CO)	7-23-89
68	3:21.33	Louise Adams(CO)	7-21-91
	3:24.80	Gerry Davidson(CO)	7-21-91
70	3:14.90	Britta Tibbling(SWE)	8-1-89
	3:41.51	Marie Stafford(OR)	6-23-91
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 Nehl(CO)	9-2-89
76	3:52.09	Polly Clarke(CO)	7-18-86
	3:39.25	Johanna Luther(FRG)	7-21-91
77	3:58.41	Pearl Nehl(CO)	9-1-91
	3:58.5	Bess James(CA)	6-18-88
78	3:58.5	Bess James(CA)	8-1-89
79	4:15.07	Berta Hiescher(FRG)	8-1-89
80	4:18.12	Marilla Salisbury(CA)	7-23-88
	6:31.7	Marilla Salisbury(CA)	8-1-89
81	6:55.25	Marilla Salisbury(CA)	6-24-78
82	5:47.5	Hulda Crooks(CA)	3-14-87
83	6:06	Mary Ames(CA)	7-13-80
84	5:50.2	Hulda Crooks(CA)	9-3-88
85	6:14.1	Mary Ames(CA)	6-18-89
86	6:38.6	Mary Ames(CA)	6-26-77
88	7:28.6	Eula Weaver(CA)	6-26-77

1500 METERS

35	3:57.73	Maricica Puica(ROM)	8-30-85
	4:38.45i	Nancy Shafer(OH)	3-6-87
36	4:03.46	Ileana Silai(ROM)	6-22-78
	4:39.5	Nancy Shafer(OH)	8-15-87
37	3:58.5	Ileana Silai(ROM)	6-16-79
	4:36.12i	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	4:29.51	Judy Daly(AUS)	2-22-86
	4:39.1	Darsi Bowden(CA)	5-19-90
40	4:20.7	Joyce Smith(GBR)	5-21-78
	4:41.3	Laurie Binder(CA)	8-15-87
41	4:23.63	Erna Kozak(CAN)	5-31-86
	4:44.3	Judy Fox(CA)	8-8-82
42	4:29.80	Erna Kozak(CAN)	5-17-87
	4:39.8	Miki Gorman(CA)	9-3-77
43	4:40.1	Pat Ann Gallagher(GBR)	7-8-89
	4:47.3	Sandra Knott(OH)	1-14-81
44	4:37.43	Judy Daly(AUS)	7-27-91
	4:56.5	Carol Flexer(WA)	8-15-87
45	4:40.35	Judy Pollock(AUS)	8- -85
	4:48.19	Joan Colman(CA)	8-5-89
46	4:46.92	Gudeliève Roggeman(BEL)	7-30-86
	4:53.59	Carol Flexer(WA)	8-5-89
47	4:45.84	Barbara Lehmann(FRG)	8-5-89
	4:59	Marilyn Harbin(CA)	3-10-85
48	4:48.22	Shirley Matson(CA)	8-5-89

3000 METERS

56	5:18.5	Jean Albury(AUS)	3-28-86
	5:20.0	Margaret Miller(CA)	5- 8-82
57	5:30.35	Luise Haushofer(FRG)	8-25-84
	5:46.42	Peggy Ainslie(WA)	8- 5-89
58	5:17.19	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
	6:19.1	Pat Dixon(OR)	7-31-81
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	6:13.8	Hazel Cameron(CAN)	6-17-89
	6:26.49	Jaclyn Caselli(CA)	7-19-86
	p6:08.82	Nina Naumenko(URS)	8- 3-91
66	6:10.17	Britta Tibbling(SWE)	8-25-84
	6:48.35	Gerry Davidson(CA)	12- 5-87
67	6:34.43	Britta Tibbling(SWE)	8- 4-85
	6:52.9	Margareta Lambert(CO)	9- 5-87
68	6:13.39	Britta Tibbling(SWE)	7-30-86
	6:43.12	Gerry Davidson(CA)	8- 5-89
69	6:16.47	Britta Tibbling(SWE)	12- 5-87
	6:47.56	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
	7:44.11	Mary Varani(MI)	8- 5-89
72	7:03.50	Marie Stafford(OR)	7-27-91
	6:45.89	Britta Tibbling(SWE)	7-27-91
73	7:05.37	Algene Williams(IL)	8- 5-89
	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
	7:09.72	Johanna Luther(FRG)	8- 5-89
76	8:02.42	Pearl Mehl(CO)	8- 5-90
	7:06.13	Johanna Luther(FRG)	7-27-91
	8:37.49	Pearl Mehl(CO)	7-27-91
78	10:08.91	Bess James(CA)	12- 5-87
	8:11.8	Anne Clarke(IL)	7- 8-89
80	8:33.8	Anne Clarke(IL)	7- 7-90
81	8:36.90	Anne Clarke(IL)	7-27-91
82	15:52.0	Marilla Salisbury(CA)	8- 5-90
83	11:09.2	Anna Ward(MO)	5-30-88
84	11:33.0	Hulda Crooks(CA)	7-12-80
85	11:43.2	Anna Ward(MO)	6- 2-90
86	13:58.1	Eula Weaver(CA)	6-28-75
88	16:34.6	Eula Weaver(CA)	6-26-77
90	17:15	Eula Weaver(CA)	8-18-79

ONE MILE

35	4:17.33	Maricica Puica(ROM)	8-21-85
	4:59.28i	C. Urish-McLatchie(TX)	3-28-87
36	4:22.11	Maricica Puica(ROM)	9- 5-86
	5:01.52	Nancy Noonan(OH)	6-30-84
37	4:41.33i	Maricica Puica(ROM)	2-13-88
	5:09.52	Susanne Houlton(GA)	4-13-85
38	4:29.36	Y. Podkopayeva(URS)	8- 9-90
	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	4:54.69	Doris Heritage(WA)	4-23-83
	4:57.2	Anne McKenzie(RSA)	7-18-87
41	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	5:28.9	Marilyn Harbin(RSA)	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
	6:02.41	Molly Turner(CAN)	2-24-90
56	6:19.3i	Gloria Brown(NY)	3-27-88
	6:20.41	Anne Trigg(FL)	1- 2-82
58	6:40.4i	Mary Lou Carlson(US)	2-19-86
	6:21.5i	Toshiko D'Elia(NJ)	2-26-89
59	6:46.30	Gunnel Lundkvist(SWE)	12- 6-87
61	7:05	Marcie Trent(AK)	7-28-79
	p6:42.13	Connie Shaw(CAN)	6- 8-89
	6:48.6	Pat Dixon(OR)	7-17-81
62	6:28.6	Joselyn Caselli(CA)	9-18-91
	6:35	Pat Dixon(OR)	7-23-82
64	7:41	Dottie Gray(MO)	7-13-89
	6:35	Pat Dixon(OR)	7-23-82
65	6:41.64	Rosamund Dashwood(CAN)	6- 8-89
	7:07	Key Atkinson(CA)	10-30-82
	6:55.6	Pat Dixon(OR)	6-22-85
67	8:19	Polly Clarke(CO)	6-20-78
	7:11.10	Pat Dixon(OR)	12- 6-87
	7:58i	Pearl Mehl(CO)	1-21-84
69	7:26.0	Pat Dixon(OR)	6-24-89
71	8:52.4	Ivy Granstrom(CAN)	6-18-83
	12:15i	Edna Berg(MT)	1-11-87
	8:18.2i	Margaret Lopez(NJ)	3-24-84
72	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
	13:12	Marilla Salisbury(CA)	7-26-83
76	8:58.8	Ivy Granstrom(CAN)	10-18-87
	13:14	Marilla Salisbury(CA)	6- 7-84
77	p14:48.4	Ellen Julius(FL)	10-25-88
79	12:57.0	Marilla Salisbury(CA)	7-11-87

3000 METERS

35	8:27.83	Maricica Puica(ROM)	9- 7-85
	8:51.84	F. Larriau-Smith(TX)	5- 8-88
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. Stimm-Kesecker(CA)	7- 8-89
	p10:32.0	Bev Marx(US)	5-18-91
38	9:11.61i	Maricica Puica(ROM)	1-27-89
	10:07.10	Jacqueline Hansen(CA)	8- 1-87
39	9:26.11	Kirsten Hausken(NOR)	8- 1-87
	9:58.94	Darsi Bowden(CA)	5-12-90
40	9:11.2	Joyce Smith(GBR)	4-30-78
	9:59.0	Laurie Binder(CA)	7-30-88
41	10:04	Miki Gorman(CA)	5-22-77
	p10:03.2	Helga Krause(FRG)	8-20-77
42	9:40.2	Joyce Smith(GBR)	4-19-80
	10:15.4i	Nancy Oshier(NY)	1-27-91
43	9:50.4	Evy Palm(SWE)	- 84
	p9:25.62	Laurie Binder(CA)	9- 8-90
	10:22.2i	Evy Palm(SWE)	- 85
44	9:31.38	Mary Wood(CO)	4- 2-89
45	10:46.6i	Evy Palm(SWE)	7- 7-87
	9:34.7	Barbara Pike(MA)	12-13-86
46	10:19.4	Joyce Smith(GBR)	9-15-84
47	9:45.6	Joan Colman(CA)	9- 8-90
	10:53.2	Joyce Smith(GBR)	6-30-85
48	10:00.6	Linda Sippelle(PA)	6-11-82
	10:41.8	Joyce Smith(GBR)	8-24-86
49	10:26.2	Vicky Bigelow(CA)	3-22-84
	10:30.4	Edeltraud Pohl(FRG)	8-29-85
50	10:34.2	Shirley Matson(CA)	9- 8-90
	11:26.2	Valborg Ostberg(NOR)	7- 5-81
51	10:38.44	Martha Klopfer(NC)	5- 2-86
	11:01.0	Edeltraud Pohl(FRG)	8-27-87
52	10:24.01	Gina Faust(CA)	8- 6-88
	11:41.8	Edeltraud Pohl(FRG)	8-25-88
53	11:00.4	Gloria Brown(NY)	8- 4-84
	12:12.2	Edeltraud Pohl(FRG)	7-19-89
	p11:38	Key Willoughby(CA)	9-16-89
54	10:56.76	Zofia Turos(CT)	7-14-91
	11:14.6	Edeltraud Pohl(FRG)	6- 5-91
55	10:47.94	Vicky Bigelow(CA)	9-16-89
	12:12	Edeltraud Pohl(FRG)	8-29-91
56	11:50.9	Beryl Skelton(NY)	8-19-84
	12:23.6i	Kirsten Garbo(NOR)	8-20-83
57	11:47.01	Gloria Brown(NY)	3-27-88
	12:30.8i	Molly Turner(CAN)	3- 9-91
58	13:06.0yi	Ruth Droege(US)	3- 8-86
	p12:42.0	Gladys Lehman(CA)	2-22-81
59	11:20.2	Lieselotte Schultz(FRG)	- 79
60	12:25.6	Marion Irvine(CA)	9-16-89
		Margaret Miller(CA)	7-23-86

61	12:26.8	Lieselotte Schultz(FRG)	6-13-81
	13:18	Marcie Trent(AK)	7-28-79
62	12:22.6	Gloria Brown(NY)	8- 6-88
	14:29.2	Lydia Backes(FRG)	7-30-88
63	13:35.8	Kit Pickles(CA)	8-20-83
64	12:57.0	Lenore Marvin(CAN)	7-20-85
65	13:15.6	Jaclyn Caselli(CA)	7- 6-86
	p12:56.44	Nina Naumenko(URS)	8- 3-91
66	13:00.0	Lieselotte Schultz(FRG)	9-14-86
	13:33.2	Jaclyn Caselli(CA)	7-18-87
67	13:34.6	Lenore Marvin(CAN)	12-10-87
	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
70	15:30.0	Judy Simon(CA)	8-10-85
	p14:26.0	Ellen McCoy(MN)	3-24-91
71	14:25.2	Pat Dixon(OR)	- - -
	15:01.41	Johanna Luther(FRG)	9-22-84
72	14:47.4	Pat Dixon(OR)	6-23-90
	17:40.0yi	Johanna Luther(FRG)	4-10-86
73	15:27.4	Margaret Lopez(NJ)	3-24-84
	15:30.0yi	Ivy Granstrom(CAN)	7-27-85
74	15:53.8	Pearl Mehl(CO)	3-29-87
	22:51.4	Johanna Luther(FRG)	6-11-88
75	15:53.6i	Marilla Salisbury(CA)	7-31-82
	16:33.0	Pearl Mehl(CO)	4- 2-89
76	17:27.5i	Pearl Mehl(CO)	3-25-90
77	20:27.0i	Berta Hietscher(FRG)	9-13-86
	25:52.4	Pearl Mehl(CO)	3-24-91
80	18:20.6	Marilla Salisbury(CA)	7-12-86
82	p26:27	Anne Clarke(IL)	7- 7-90
84	25:09.0	Zuzanna Grochowska(NY)	7-25-87
85	25:29.6	Mary Ames(CA)	5-30-87
		Mary Ames(CA)	4-30-88

TWO MILES

35	10:24.13i	C. Urish-McLatchie(TX)	3-29-87
	11:54.4i	Rita Doherty(MA)	2- 8-85
37	12:20.0i	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	11:09.1	Barbara Pike(CA)	3-28-82
41	11:27.2i	Barbara Pike(CA)	3-27-83
42	11:38.0	Linda Sippelle(OR)	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
	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	Melba Hatch(MI)	6-16-89
61	19:48	Marcia McChesney(OR)	5-27-84
62	20:04	Florence Fauley(OH)	5-27-84
63	14:59i	June Barnes(OH)	5-27-84
64	18:21i	Ernestine Yeomans(CAN)	2-20-83
66	18:12.4i	Ernestine Yeomans(CAN)	1- 8-84
67	19:03.0i	Adrienne Salmini(NM)	3-14-82
69	16:37.2i	Adrienne Salmini(NM)	3-20-83
70	16:24i	Pearl Mehl(CO)	2-19-84
71	19:23.2	Pearl Mehl(CO)	2-17-85
	25:22i	Ivy Granstrom(CAN)	6-25-83
72	17:40.0i	Edna Berg(MT)	1-11-87
73	15:30.0i	Margaret Lopez(NJ)	3-24-84
74	26:34	Pearl Mehl(CO)	3-29-87
75	27:30	Marilla Salisbury(CA)	8-23-81
76	27:39	Marilla Salisbury(CA)	7-26-83
		Marilla Salisbury(CA)	6- 7-84



35	15:13.39	Ingrid Kristiansen(NOR)	7-26-91
	15:15.2	F. Larriau-Smith(TX)	7- 2-88
36	15:23.48	Maricica Puica(ROM)	7-19-87
	17:17.2	Nancy Miesczak(TX)	8- 9-85
37	15:52.02	F. Larriau-Smith(TX)	4- -87
	p15:38.3	Charlotte Teske(FRG)	- 87
38	16:25.39	Kirsten Hausken(NOR)	8-10-86
	16:42.2	F. Larriau-Smith(TX)	6-13-91
39	16:23.26	Kirsten Hausken(NOR)	8- 5-87
	p17:26.0	Judy Fox(CA)	5-31-80
40	16:44.28	Georgette Green(TX)	6- 8-88
41	16:13.8	Gabrielle Anderson(ID)	6-25-85
	16:58.0	Priscilla Welch(GBR)	1-25-86
42	16:08.13	Miki Gorman(CA)	2-13-77
	17:59.6	Evy Palm(SWE)	9-29-84
43	16:02.88	Laurie Binder(CA)	6- 9-90
	17:35	Evy Palm(SWE)	7-17-85
44	16:10.97	Shirley Matson(CA)	8-25-84
	17:42.69	Evy Palm(SWE)	8- 5-86
45	16:17.6	Mary Wood(CO)	7-22-89
	17:45.03	Evy Palm(SWE)	7- 4-87
46	18:01.78	Joan Colman(CA)	8- 4-89
	18:41.4	Carol Flexer(WA)	6- 4-8

10,000 METERS

35	31:35.52	F. Larriou-Smith(TX)	9-30-88
	p31:20.28	Ingrid Kristiansen(NOR)	- -91
36	33:10.62	Megde Llande(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 Messinghage(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. Larriou-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(OR)	8-16-87
41	35:15.10	Doris Schlosser(FRG)	7-11-86
	37:49.63	Dawn Welch(OR)	8- 4-89
	p35:50	Niki Gorman(CA)	- -77
	34:26.4	Joyce Smith(GBR)	2-27-80
	35:45.6	Niki Gorman(CA)	9- 3-77
43	33:00.78	Evy Palm(SWE)	7-27-85
	36:21.9	Niki Gorman(CA)	7-27-79
44	32:47.25	Evy Palm(SWE)	7- 5-86
	36:17.60	Mary Wood(CO)	8- 4-89
45	37:01.6	Dorothy Browne(AUS)	3-28-86
	40:19.8	Dorothy Stock(CA)	6-24-78
	p32:41.98	Evy Palm(SWE)	- -87
46	32:34.05	Evy Palm(SWE)	9- 4-88
	38:52.28	Mary Wood(CO)	7-21-91
47	37:05.16	Elaine Statham(GBR)	7-21-91
	38:10.89	Joan Colman(CA)	4-26-85
48	37:07.0	Edeltraud Pohl(FRG)	7-21-91
	38:19.8	Vicky Bigelow(CA)	8-21-83
49	39:40.0	Judy Cox(AUS)	4- 9-82
	40:38.2	Dorothy Stock(CA)	6-19-82
50	38:18.4	Edeltraud Pohl(FRG)	8-16-86
	40:49.9	Ruth Anderson(CA)	7-27-79
	p37:35.0	Valborg Ostberg(NOR)	- -81
51	36:51.6	Edeltraud Pohl(FRG)	6-21-88
	38:53.6	Mila Kanian(NY)	6-26-82
52	40:56.8	Jean Albury(AUS)	4- 9-82
	42:44.4	Ruth Anderson(CA)	8-15-81
53	37:21.93	Edeltraud Pohl(FRG)	5-12-90
	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	Toahiko D'Elia(NJ)	8-23-85
56	40:30.2	Jean Albury(AUS)	3-28-86
	42:21.96	Toahiko 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 Braasher(AUS)	7-29-89
	46:56.2	Jaclyn Caselli(CA)	5-21-83
63	44:51.0	Pat Dixon(OR)	7-16-82
64	47:00.46	Shirley Braasher(AUS)	7-21-91
	48:48.8	Jaclyn Caselli(CA)	6-22-85
65	46:54.87	Rosamund Dashwood(CAN)	7-29-89
	49:22.41	Jaclyn Caselli(CA)	7-18-86
66	47:27.6	Jose Waller(GBR)	7-31-88
	66:10.2	Amy Ernat(US)	5-30-88
67	44:30.97	Lieselotte Schultztz(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	50:28.33	Pat Dixon(OR)	8- 4-89
71	50:54	Mary Varani(MI)	6-24-89
72	66:19.58	Amy Castle(OR)	8- 4-89
73	53:36.45	Algene Williams(IL)	8- 4-89
74	55:34.6	Johanna Luther(FRG)	11-28-87
75	62:45.70	Bess James(CA)	9-25-83
	53:20.50	Johanna Luther(FRG)	7-29-89
	56:59.33	Algene Williams(IL)	7-21-91
76	60:27.87	Mary Haines(CT)	7-21-91
77	53:13.63	Johanna Luther(FRG)	7-21-91
79	66:56.0	Berta Nielscher(FRG)	11-28-87
	93:46.4	Marilla Salisbury(CA)	8- 1-87
	11:47.2	Marilla Salisbury(CA)	11-28-87
81	65:47.2	Anne Clarke(IL)	7- 6-91
84	1:24:43.0	Mary Ames(CA)	7-11-87

ONE HOUR RUN

35	9-1044	15.439	Cindy Dalrymple(NI)	7-23-77
	9-1124	15.512	Marilyn Paul(OR)	7-20-74
36	10-195	16.272	Zina Marchant(GBR)	3-30-88
	9-1607	15.954	Vicki Folta(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	9-515	14.955	Judy Groombridge(WA)	7-10-80
41	9-1044	15.439	Patricia Thomas(MA)	8-22-81
42	9-575	15.010	Linda Sippelle(DC)	10-12-77
43	9-1197	15.579	Linda Sippelle(DC)	7-29-78
44	9-545	14.982	Mary Czarpata(MI)	9-23-79
45	9-376	14.828	Marilyn Harbin(CA)	3-26-83
46	8-1693	14.423	Ruth Anderson(CA)	6-12-76
47	8-1291	14.055	Ruth Anderson(CA)	5-28-77
48	9-374	14.826	Dorothy Stock(CA)	8- 4-81
49	8-1504	14.250	Dorothy Stock(CA)	8-17-82
50	8-1564	14.305	Nicki Hobson(CA)	4-25-81
51	8-1909	14.620	Hola Bruhn(WA)	8- 5-80
52	8-922	13.718	Margaret Miller(CA)	7-29-78
53	8-107	12.973	Barbara Headows(AZ)	-11-48
54	8-706	13.520	Barbara Headows(AZ)	11-10-84
55	8-638	13.458	Barbara Headows(AZ)	11-30-85
56	7-78	11.337	Violet Leonard(WV)	5- 8-77
	p7-434	11.662	Laurel Henley(US)	5- 7-72
57	7-1269	12.426	Betty Morrish(GBR)	3-30-88
	7-128	11.382	Violet Leonard(WV)	5- 6-78
58	7-1021	12.199	Marcie Trent(AK)	7-18-76
59	7-709	10.304	Alice Verbel(CA)	7-12-75
60	7-865	12.056	Betty Morrish(GBR)	6-10-91
	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(NI)	7-14-84
65	5-1479	9.399	Jane Byrnes(OH)	9-14-86
66	6-1024	10.592	Mary Lahale(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(WT)	1-26-85
70	6-52	9.704	Alice Verbel(CA)	9-14-86
71	6-1372	10.911	Grace Burger(GBR)	6-10-91
	5-5 i	8.051	Edna Berg(WT)	1-11-87
73	5-1124	9.075	Felicitas Salazar(CA)	8-17-82
74	5-1431	9.355	Felicitas Salazar(CA)	7-26-83
75	4-74	6.505	Marilla Salisbury(CA)	7-26-83
76	4-167	6.590	Marilla Salisbury(CA)	6- 7-84
77	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
36	8:16	Jan Shaw(AUS)	4-14-90	
37	8:21.13	Maria Hillier(NZL)	11- 3-90	
38	12:12.0	Edna Dundas(AUS)	3-25-89	
39	8:37.19	Robyn Winter(NZL)	8- 5-89	
40	8:07.6	Judith Stewart(NZL)	3- 4-89	
41	7:57.65	Jane Holmes(GBR)	8- 5-89	
42	10:20.96	Susan Ward(CA)	8- 5-89	
43	8:12.83	Antionette Shaw(AUS)	4-14-90	
44	8:31.18	Susanne Moulton(GA)	8- 5-89	
45	7:45.96	Fay Riley(NZL)	3-14-87	
46	8:41.64	Joan Colman(CA)	8- 5-89	
47	7:54.19	Erica Mercer(AUS)	8- 5-89	
	8:06.60	Margaret Orman(NZL)	8- 5-89	
48	7:55.4	Joan Colman(CA)	7-27-91	
49	7:38.08	Margaret Orman(NZL)	3-10-90	
50	12:28.54	Margaret Orman(NZL)	7-27-91	
51	8:58.0	Margaret Sue Dumble(NZL)	4- 2-88	
52	9:08	Jan Marray(AUS)	10-16-91	
54	10:26.4	Margaret Robinson(AUS)	4-14-90	
55	10:28.34	Ruth Carrier(CAN)	6- 9-85	
56	9:52.28	Tami Graf(CA)	6-22-91	
57	10:06.2	Sally Strazdins(US)	8- 5-89	
58	10:06.2	Ruth Carrier(CAN)	8- 2-87	
59	9:52.25	Sally Strazdins(US)	7-27-91	
60	11:10.4	Ruth Carrier(CAN)	6-11-89	
61	11:04.56	Ruth Carrier(CAN)	7-27-91	
62	13:56.51	Nan Little(NZL)	4- 2-88	
		Pamela Spiers(NZL)	3-14-87	

2000 METER STEEPLECHASE

100 METER HURDLES (30"/33")

35	13.60hep	Jane Frederick(CA)	9-26-87
36	13.74hep	Jane Frederick(CA)	6-15-88
37	13.70hep	Jane Frederick(CA)	6-13-89
38	14.2	Judy Vernon(GBR)	7- 7-84
39	18.9	Charlotte Carter(TX)	4-27-91
w13.95	Judy Vernon(GBR)	8-21-84	
39	14.5	Judy Vernon(GBR)	8-24-85
40	14.7	Carmen Brown(US)	8-13-82
41	15.71	Judy Vernon(GBR)	7- 6-86
42	19.1	Cherrie Sherrard(CA)	8- 1-79
	p18.74	Cherrie Sherrard(CA)	7-12-80
43	16.3	Sharon Bintliff(NI)	3-24-78
44	15.2	Harlene Altman(FRG)	- -79
45	16.3	Cherrie Sherrard(CA)	7-24-82
46	16.6	Cherrie Sherrard(CA)	7- 3-83
47	19.27dec	Maeva Kyle(EIR)	6- -74
p16.4	Cherrie Sherrard(CA)	7- 7-84	
p16.9	Christel Miller(CA)	8- 1-82	
51	19.33	Hella Werner(FRG)	- -81
52	19.7	Verny Falkeberg(DEN)	- -81
53	21.5	Hella Werner(FRG)	10- 4-86
54	20.9	Veronica Welgemoed(RSA)	3-23-84
		Alice Leicht(CA)	9- 8-84
		Shirley Kinsey(CA)	8-21-83
40	11.8	Eileen Hindle(AUS)	3-25-89
	11.78	Judy Vernon(GBR)	8- 1-86
	12.0	Phil Raschker(GA)	6- 6-87
	w11.83	Phil Raschker(GA)	8-14-87
41	12.22	Phil Raschker(GA)	5-14-88
	p11.85	Karin Von Riewel(FRG)	6-30-90
	w11.84	Nanette Furgine(SWI)	11-29-87
	w12.1	Phil Raschker(GA)	6- 4-88
42	12.25	Phil Raschker(GA)	7-30-89
	12.21	Eileen Hindle(AUS)	7-20-91
	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
	12.89	Phil Raschker(GA)	5- 4-91
	w12.56	Phil Raschker(GA)	6- 8-91
45	12.5	Cherrie Sherrard(CA)	7-14-84
46	12.80hep	Pat McNab(GBR)	7-27-89
	17.09	Evelyn Hobbs(NY)	8-25-85
	17.1	Barbara Stewart(NY)	8- 6-88
47	12.28	Corrie Roovers(NOL)	7-14-82
	16.2	Barbara Stewart(NY)	7- 8-89
48	12.34	Corrie Roovers(NOL)	9-28-83
	17.6	Ann Carter(GA)	6- 9-90
49	12.7	Corrie Roovers(NOL)	6-22-85
	w15.89	Christel Miller(CA)	6- 9-84
	w12.70	Corrie Roovers(NOL)	8-21-84
	w15.1	Christel Miller(CA)	8-17-84
50	13.82	Cherrie Sherrard(CA)	7-30-89
	13.9	Leonora Koch(FRG)	8- 1-86
51	13.22	Wendy Marie Ey(AUS)	7-30-89
	14.7	Christel Miller(CA)	10- 4-86
52	13.02h	Corrie Roovers(NOL)	11-28-87
	14.9	Christel Miller(CA)	1-24-87
	w12.54	Corrie Roovers(NOL)	11-29-87
	w14.70	Becky Sisley(OR)	6-22-91
53	14.57	Joan Colman(CA)	7-11-87
	w14.9hep	Hella Werner(FRG)	7-22-89
54	15.46	Christel Miller(CA)	8- 5-88
	w13.7	Brenda Parkinson(AUS)	4-13-90
55	13.80	Corrie Roovers(NOL)	6-30-90
	w15.01hep	Christel Miller(CA)	7-27-89
56	13.30	Elzbieta Krzeszewska(POL)	7-30-89
	w13.3hep	Christel Miller(CA)	7-14-90
	w16.7	Corrie Roovers(NOL)	7-20-91
57	14.36	Shirley Kinsey(CA)	5-31-86
	w17.1hep	Shirley Kinsey(CA)	5-24-86
58	14.75	Asta Larsson(SWE)	7-20-86
	18.07	Shirley Kinsey(CA)	7-36-89
	w17.75	Asta Larsson(SWE)	6-30-90
		Sharon Sahonchik(OR)	6-23-90
		Shirley Kinsey(CA)	8-14-87

59	15.8hep	Kirsten Vosburgh(US)	8-24-84
	17.68	Betty Vosburgh(US)	8- 5-90
	w15.40	Kirsten Vosburgh(US)	8-21-84
	w16.91	Betty Vosburgh(GA)	6- 8-91
60	15.56	Kirsten Vosburgh(US)	6-25-85
	16.45	Betty Vosburgh(GA)	7-21-91
61	15.5	Kirsten Vosburgh(US)	8- 1-86
62	15.78	Kirsten Vosburgh(US)	11-29-87
	19.7	Patricia Peterson(NY)	5-28-88
63	15.6	Kirsten Vosburgh(US)	7-29-88
	20.4	Patricia Peterson(NY)	5-27-89
64	17.41hep	Kirsten Vosburgh(US)	7-27-89
	21.18	Patricia Peterson(NY)	8-11-90
65	18.63	Elee Laine(FIN)	7-21-91
	20.55	Patricia Peterson(NY)	7-21-91
66	20.09hep	Roseline Sole(NZL)	7-27-89
68	18.62	Roseline Sole(NZL)	9-28-83
72	27.74	Roseline Sole(NZL)	11-29-87
73	20.89	Roseline Sole(NZL)	7-22-89
75	27.89	Roseline Sole(NZL)	7-21-91

38	5'5	1.65 Stanka Prezelj(YUG)	6-30-90	38	p8'10 1/4	2.70 Claire Fabardine(FRA)	7-20-91	58	14'4 3/4	4.39 L. Seuberlich(FRG)	6-26-85	49	31'7 1/2	9.64 Edith Graff(BEL)	7-27-91	
	5'11	1.55 Phil Raschker(GA)	5- 4-85		p8'10 1/4	2.70 Maret Kalviste(URS)	7-20-91		12'10	3.91 Betty Vosburgh(US)	6-23-90		27'1	8.25 Becky Sisley(OR)	7-23-88	
39	5'7	1.70 Alena Plischke(AUT)	11-29-87	39	6'6 3/4	2.00 Liz McBlain(CAN)	8- 2-87	59	14'0 1/4	4.53 L. Seuberlich(FRG)	8-23-85	50	31'8 1/4	9.66 Helen Searle(AUS)	8- 1-89	
	5'11 3/4	1.57 Phil Raschker(GA)	10-25-86	40	5'11	1.80 Liz McBlain(CAN)	8-28-88		12'9 1/2	3.90 Betty Vosburgh(GA)	3- 9-91		27'9	8.46 Becky Sisley(OR)	8- 1-89	
40	5'5	1.65 Alena Plischke(AUT)	6-25-88	41	8'0 1/2	2.45 Phil Raschker(GA)	8- 6-88		w13'3 1/2	4.05 Betty Vosburgh(GA)	5-27-91	51	32'7 3/4	9.95 Helen Searle(AUS)	9-22-90	
	5'11	1.55 Phil Raschker(GA)	7-11-87	42	8'1	2.46 Phil Raschker(GA)	7-30-89		6'13 3/4	4.36 L. Seuberlich(FRG)	8- 2-90		28'4 1/4	8.64 Becky Sisley(OR)	8- 5-90	
41	5'5	1.65 Alena Plischke(AUT)	8- 3-89	43	8'6	2.59 Phil Raschker(GA)	8- 4-90		13'7	4.14 Betty Vosburgh(GA)	7-25-91	52	32'0 3/4	9.77 Helen Searle(AUS)	7-27-91	
	5'14 1/2	1.64 Phil Raschker(GA)	9-17-88	44	9'10 1/4	3.00 Phil Raschker(GA)	7- 6-91		61 14'3 1/4	4.35 P. Schneiderhan(FRG)	9-23-83		28'5	8.66 Christel Miller(CA)	12- 5-87	
42	5'5 3/4	1.67 Yordanka Blagoeva(BUL)	8- 3-89	45	p6'10 3/4	2.10 Ingrid Miller(SWE)	7-20-91		10'5 1/2	3.19 Bernice Holland(CAN)	3- 6-88		w28'11	8.81 Becky Sisley(OR)	7-27-91	
	5'3 3/4	1.62 Phil Raschker(GA)	5-20-89	46	2'5 1/2	0.75 Barbara Stewart(MY)	8- 2-88		62 13'10 1/2	4.23 Shirley Peterson(NZL)	3-16-91		w28'9 3/4	8.78 Christel Miller(CA)	12- 5-87	
43	5'3 3/4	1.62 Alena Plischke(AUT)	7-23-91	47	5'3	1.60 Barbara Stewart(MY)	7-30-89		12'8 1/2	3.87 Leonore McDaniels(VA)	9- 1-90	53	30'1 3/4	9.19 Grethe Bolstad(NOR)	8- 1-89	
	5'11 3/4	1.57 Phil Raschker(GA)	8- 3-90	48	5'11	1.80 Barbara Stewart(MY)	8-11-90		63 13'9 3/4	4.21 P. Schneiderhan(FRG)	6-27-85		27'5 1/2	8.37 Christel Miller(CA)	3-20-88	
44	5'1 3/4	1.57 E. Springmann(FRG)	11-29-87	49	4'0	1.47 Barbara Stewart(MY)	1- 4-91		12'10 1/4	3.92 Leonore McDaniels(VA)	7-25-91	54	28'8 1/2	8.75 Maria Zahn(FRG)	7-27-91	
	4'11 1/2	1.51 Phil Raschker(GA)	3-24-91	50	6'6 3/4	2.00 A. Marie Rosenitsch(CA)	7-20-91		64 14'2	4.32 P. Schneiderhan(FRG)	7-29-86		27'9 1/2	8.47 Christel Miller(CA)	5- 7-89	
45	5'1	1.55 Joanne Smilluood(GBR)	8- 3-89	51	7'0 3/4	2.15 Madeline Best(OR)	8-17-91		w14'4	3.35 J. Sullivan(SC)	6-22-89	55	31'9 1/4	9.68 E. Krzesinska(POL)	8- 1-89	
	4'4 3/4	1.34 Pamela Calvert(MD)	7- 5-91	52	7'3 3/4	2.23 Madeline Best(OR)	8-17-91		65 11'11	4.37 P. Schneiderhan(FRG)	9-27-86		26'6 1/4	8.08 Christel Miller(CA)	8- 5-90	
46	5'1	1.55 Christel Hauser(FRG)	8- 3-89	53	6'6 3/4	2.00 Marianne Stenholm(SWE)	7-20-91		10'11 1/4	3.63 Mary Wixey(GBR)	3-15-86	56	28'8	8.74 Unni Saether(NOR)	8- 1-89	
	4'3 1/2	1.31 Shiela Newton(CA)	12-10-83		p6'6	1.98 Rachel Lyga(US)	3-13-88		66 14'8	4.37 J. Sullivan(SC)	6- 9-90		26'11 1/2	7.96 Magdalena Kuehne(CA)	7-11-87	
47	4'10 3/4	1.49 Edith Graff(BEL)	7-27-89		5'7	1.70 Vasanthi Samuel(IND)	7-20-91		11'11	3.38 Mary Bowmaster(OH)	2-26-84		w28'1 1/2	8.14 Magdalena Kuehne(CA)	8-29-87	
	4'4	1.32 Shirley Smith(FL)	7-16-82		5'17	1.40 Dorothy McLennan(IRL)	7-20-91		67 7'10i	4.93 Florence Berry(IL)	1- 8-89	57	26'6	8.08 Magdalena Kuehne(CA)	6- 4-88	
48	4'9	1.45 Christel Hauser(FRG)	7-23-91		5'5	1.00 Shiea Champion(IRL)	7-20-91		68 11'2	3.35 Mary Wixey(GBR)	3-26-89		w27'7 1/4	8.41 Magdalena Kuehne(CA)	8- 5-88	
	4'9	1.45 F. Kummerle-Valk(FRG)	7-27-89		p4'7 1/4				69 13'0	2.80 Florence Berry(IL)	3-24-90	58	27'2	8.28 Magdalena Kuehne(CA)	5- 7-89	
	4'2 3/4	1.29 Christel Miller(CA)	7- 2-83		p3'3 1/2				w11'2 1/4	3.41 Mary Bowmaster(OH)	7-19-86	59	25'11	7.90 Magdalena Kuehne(CA)	8- 5-90	
	p4'9	1.45 Marianne Bayer(FRG)	7-19-85		3'0				w10'1 1/4	3.08 Mary Bowmaster(OH)	8-24-85		59 26'10	8.18 Elsa Enarsson(SWE)	7-27-91	
49	4'10	1.47 E. Krzesinska(POL)	5- 8-83						69 13'0 3/4	3.98 P. Schneiderhan(FRG)	7-25-91		14'6 1/4	4.42 Mary Holbert(MO)	6-12-82	
	4'2	1.27 Christel Miller(CA)	8-17-84						70 10'7	3.22 Mary Bowmaster(OH)	6-27-87		p15'8	4.77 Corral Bennet(US)	7-23-88	
50	4'10	1.47 Dorothy Tyler(GBR)	6-14-70						70 11'3 3/4	3.45 Elga Meri(CAN)	5- 4-91		w20'9	6.32 Jane Wahl(CO)	9- 5-87	
	4'4 1/4	1.33 Christel Miller(CA)	8-10-85		35 2'14	6.50 Willye White(US)	10-26-74			3.41 Mary Bowmaster(OH)	4-30-88		61 27'2	8.28 Shirley Peterson(NZL)	2-25-90	
	4'4 1/2	1.33 Becky Sisley(OR)	7- 3-89		2'14	6.50 Maria Lambrou(EUR)	8-21-88			3.45 Elga Meri(CAN)	8-14-87		62 23'4	7.11 Bernice Holland(OH)	6-25-88	
51	4'8 1/4	1.43 Corrie Roovers(NOL)	8-31-86		w21'7 1/2	6.59 Ar Jussila(EUR)	7-31-88			3.50 Mary Bowmaster(OH)	4- 1-89		62 27'6	8.38 Shirley Peterson(NZL)	2- 3-91	
	4'4 1/2	1.33 Christel Miller(CA)	3-29-86		36 2'0'2 1/2	6.16 Willye White(US)	3- 3-75			3.27 Mary Bowmaster(OH)	8- 9-90		62 27'6	7.64 Leonore McDaniels(VA)	9- 1-90	
52	4'8	1.42 Corrie Roovers(NOL)	12- 3-87		37 2'10 1/2	6.41 Franciska Janssen(NOL)	7-15-82			3.01 Molly Mackoon(CO)	8- 9-90		62 27'6	8.83 Kirsten Hvem(NOR)	12-10-87	
	4'4 3/4	1.34 Becky Sisley(OR)	6-23-91		20'10 1/2	6.36 Willye White(US)	6-12-76			2.93 Anny Binder(FRG)	12-10-88		62 27'6	8.78 Kirsten Hvem(NOR)	11-28-87	
53	4'7 1/4	1.40 Daphne Pirie(AUS)	6-22-85		38 19'4	5.89 Jan Hynes(AUS)	2-19-83			2.46 Vivian Nelson(PA)	1- 5-86		63 25'9	7.85 Leonore McDaniels(VA)	7- 5-91	
	4'4	1.32 Christel Miller(CA)	7-16-88		w6'11 1/2	5.17 Phil Raschker(GA)	6- 8-85			2.91 Mary Bowmaster(OH)	8- 4-90		w28'9 3/4	8.78 Leonore McDaniels(VA)	7-27-91	
54	4'9	1.45 Taisija Tsentsik(URS)	8- 3-89		w17'6 1/4	5.47 Phil Raschker(GA)	5- 4-85			2.60 Vivian Nelson(PA)	7-19-86		64 25'6	7.97 Leonore McDaniels(VA)	7-27-91	
	4'4	1.32 Christel Miller(CA)	7-21-89		39 19'11 1/2	5.95 Franciska Janssen(NOL)	8-22-84			2.90 Helga Mitscher(FRG)	5-29-86		64 25'6	7.77 Kirsten Hvem(NOR)	8- 1-89	
55	4'5 1/2	1.36 Grethe Bolstad(NOR)	7-23-91		w16'10 1/2	5.14 Phil Raschker(GA)	2-22-86			2.65 Marie Uebel(MO)	5-29-86		65 24'4 1/4	7.42 Mary E. Norckauer(LA)	7-20-89	
	4'5 1/2	1.36 Rosemary Payne(GBR)	6-25-88		w17'10 1/2	5.45 Phil Raschker(GA)	7-27-86			2.58 Irja Sarnama(FIN)	8- 7-81		65 22'11 1/2	7.00 M. Mackinnon(AUS)	10-19-91	
	4'2 3/4	1.29 Christel Miller(CA)	8- 2-90		w17'5 3/4	5.33 Phil Raschker(GA)	7-19-86			2.29 Vivian Nelson(PA)	3- 5-88		w23'8 1/4	7.22 Gwen Davidson(AUS)	11-29-87	
56	4'6	1.37 Rosemary Chimes(GBR)	7- 8-89		40 20'1 1/4	6.13 Franciska Janssen(NOL)	6-13-85			2.70 Shiela Evans(IN)	8- 4-90		66 24'9	7.55 Gwen Davidson(AUS)	7-20-89	
	4'0 1/2	1.23 Christel Miller(CA)	3-24-91		18'5	5.61 Phil Raschker(GA)	3-28-87			2.53 Berta Hielscher(FRG)	8-23-85		w23'8 1/4	6.53 Mary E. Norckauer(LA)	6- 4-91	
57	4'3 1/4	1.30 C. Wippersteg(FRG)	6-23-85		w20'4 1/2	6.21 Franciska Janssen(NOL)	7- 7-85			2.28 Marie Uebel(MO)	5-30-88		66 24'9	7.04 J. Sullivan(SC)	7-27-91	
	4'0	1.22 Joan Dugan(CO)	8-19-89		w18'8 3/4	5.71 Phil Raschker(GA)	8-14-87			2.46 Polly Clarke(CO)	6-25-88		w23'1 1/4	7.40 Gwen Davidson(AUS)	4- 1-90	
58	4'1 3/4	1.26 Kirsten Hvem(NOR)	9-28-83		41 18'14 1/2	5.73 Jan Hynes(AUS)	3- 9-86			2.59 Polly Clarke(CO)	9- 4-88		67 24'3 1/4	3.01 Amy Robinson(US)	6-12-82	
	4'0	1.22 Joan Dugan(CO)	8-19-90		17'10	5.43 Phil Raschker(GA)	3-19-88			2.35 Irja Sarnama(FIN)	6-27-85		68 24'5	7.44 Mary Wixey(GBR)	7-20-89	
59	4'1 1/4	1.25 Audrey Wood(NZL)	9-24-83		42 18'4	5.51 Phil Raschker(GA)	7-29-89			1.50 Sylvia Swartz(NY)	7-14-91		69 19'4	5.89 Elga Meri(CAN)	3- 9-91	
	4'0	1.22 Betty Vosburgh(GA)	6- 8-91		43 18'4	5.59 Helen Searle(AUS)	4- 2-83			2.00 Berta Hielscher(FRG)	7-29-89		w17'3 1/2	5.27 E. Hagamann(MA)	5-20-90	
60	4'2	1.27 Elia Enarsson(SWE)	7-23-91		44 18'0 1/2	5.23 Phil Raschker(GA)	3-24-90			2.40 Ruth Frith(AUS)	4-14-90		w20'5	6.22 Elga Meri(CAN)	8- 6-90	
	3'10 1/2	1.18 Betty Vosburgh(GA)	7- 5-91		45 18'1 1/4	5.52 Takako Togawa(JPN)	10-19-88			2.20 Ruth Frith(AUS)	11- 2-90		70 22'0 1/4	6.72 Mary Wixey(GBR)	7-27-91	
61	4'0 1/2	1.23 C. Wippersteg(FRG)	8- 3-89		46 18'0 1/4	4.80 Irene Obera(CA)	4- 7-79						71 17'10 1/4	5.44 E. Hagamann(MA)	3-17-91	
	3'5	1.04 Shirley Kinsey(CA)	8- 3-90		47 17'0	5.49 Jan Hynes(AUS)	10-21-90						71 23'6 3/4	7.18 Mary Partridge(AUS)	10-19-91	
62	4'0 3/4	1.24 Kirsten Hvem(NOR)	12- 3-87		48 16'11	4.15 Evelyn Hobbs(NY)	6-15-86						72 16'4	4.98 Edith Mendyka(CA)	5-15-82	
	3'11	1.19 Leonore McDaniels(VA)	8- 3-90		49 16'9 1/2	5.18 Corrie Roovers(NOL)	7-15-82						73 15'7 3/4	4.77 Edith Mendyka(CA)	9-18-83	
63	4'1 1/4	1.25 Leonore McDaniels(VA)	3-24-91		50 16'6 1/2	4.53 Shirley Smith(FL)	12-10-82						74 20'19 1/4	5.12 Edith Mendyka(CA)	1-29-84	
	3'10	1.17 Kirsten Hvem(NOR)	7-27-89		13'7	4.90 Corrie Roovers(NOL)	9-28-83						75 20'1 1/4	5.77 Rosaline Sole(NZL)	8- 1-89	
64	3'7 1/4	1.10 Patricia Peterson(NY)	8- 3-90		15'1	4.60 Shirley Smith(FL)	6-11-83						76 15'5	6.33 Shiela Evans(IN)	7-20-89	
	3'7 1/4	1.22 Gwen Davidson(AUS)	11-28-87		49 16'9 1/2	5.12 E. Krzesinska(POL)	5- 8-83						78 12'10 1/4	6.13 Shiela Evans(IN)	8- 5-90	
65	4'0	1.08 Patricia Peterson(NY)	7-23-91		50 16'6 1/2	3.90 Evelyn Hobbs(NY)	6-25-88						81 17'1 1/2	4.70 Gertrud Knyz(AUT)	7-27-91	
	3'6 1/2	1.20 Gwen Davidson(AUS)	7-27-89		13'7	5.04 Maeve Kyle(EIR)	7-29-79							3.92 Edith Mendyka(CA)	8- 1-89	
66	3'11 1/4	1.03 J. Sullivan(SC)	5- 4-91		51 15'7 3/4	4.14 Christel Miller(CA)	3-30-85							5.22 Ruth Frith(AUS)	7-27-91	
	3'4 1/2	1.16 Helgi Pedel(CAN)	7-23-91		52 15'3 1/4	4.77 Wendy Marie Ey(AUS)	7-29-89									
67	3'9 3/4	1.14 Mary Bowmaster(OH)	3-30-85		13'5 1/2	4.77 Inga Stenbrink(SWE)	7-25-91									
	3'9	1.12 Mary Bowmaster(OH)	7-18-86		p16'4	4.10 Becky Sisley(OR)	7-27-90									
68	3'8	1.12 Vlasta Chlumka(CZE)	7-23-91		w16'7 1/4	4.98 Hildegard Burkle(FRG)	8-23-85									
	3'8	1.09 Mary Bowmaster(OH)	6-27-87		w14'0 1/4	5.06 Kaethi Diemer(FRG)	9-27-86									
69	3'7	1.09 Mary Bowmaster(OH)	6-27-87		52 15'3 1/2	4.28 Irene Obera(CA)	9-14-85									
	3'7	1.09 Shiela Evans(RSA)	6-16-84		12'9 3/4	4.66 Olga Oldrichova(CZE)	6- 6-80									
	p3'7	1.09 Cornelia Spivey(VA)	5-21-88		p15'5 3/4	3.90 Christel Miller(CA)	3-28-87									
70	3'8 1/2	1.13 Mary Bowmaster(OH)	11-28-87		w13'11 1/4	4.72 Corrie Roovers(NOL)	- 8-8									
	3'7	1.09 Mary Bowmaster(OH)	6-22-89		w13'9 1/2	4.25 Irene Obera(CA)	7-19-86									
72	3'5	1.04 Mary Bowmaster(OH)	8- 3-89		w15'9 3/4	4.20 Irene Obera(CA)	7- 5-86									
	3'5	1.04 Mary Bowmaster(OH)	8- 3-90		53 14'9 1/4	4.82 Erna Bauman(FRG)	9-27-86									
73	3'6 1/4	1.07 Helga Mitscher(FRG)	11-28-87		13'3	4.50 Kaethi Diemer(FRG)	7-29-88									
	3'3	0.99 Shiela Evans(IN)	7-21-89		w13'6 1/2	4.04 Irene Obera(CA)	7-25-87									
74	3'4 1/4	1.01 Vivian Nelson(PA)	7- 3-88		54 14'10 3/4	4.13 Irene Obera(CA)	14-18-87									
	3'1 3/4	0.96 Anchen Reiler(FRG)	7-23-91		13'3	4.54 Olga Oldrichova(CZE)	7-15-82									
75	3'4	1.03 Berta Hielscher(FRG)	9-20-86													

45	46'6 1/4	14.18	Liesl Huber(FRG)	10-13-79
	39'7 3/4	12.08	Joanne Grissom(IN)	7-22-84
	p55'1	16.79	Helgi Parts(URS)	- -83
46	45'11 3/4	14.01	Liesl Huber(FRG)	7-19-80
	33'11	10.34	Cherrie Sherrard(CA)	4-27-85
47	41'10 1/2	12.76	Sigrin Kofink(FRG)	7-17-82
	34'4 3/4	10.48	Joanne Grissom(IN)	8-24-85
48	38'2 1/4	11.64	A. Chitrine Ruhlow(FRG)	7-21-85
	33'2	10.11	Cherrie Sherrard(CA)	4-25-87
49	39'8 3/4	12.11	A. Chitrine Ruhlow(FRG)	5-31-86
	32'11 3/4	10.05	Vanessa Hilliard(FL)	3-24-91

SHOT PUT (6 pounds/3 kgs)

50	53'4	16.25	Vanessa Hilliard(FL)	5-18-91
51	45'7 1/4	13.90	A. Chitrine 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. Chitrine 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	41'2	12.55	Marianne Hamm(FRG)	7-17-82
	32'1 3/4	9.80	Shirley Kinsey(CA)	7- 2-83
55	40'0	12.19	Rosemary Payne(GBR)	7-23-88
	31'9 1/4	9.68	Anne Cifunick(WY)	7-15-90
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(FRG)	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	35'6 1/2	10.83	Jutta Schaefer(FRG)	7-21-91
	31'11	9.73	Bernice Holland(OH)	3- 9-86
60	38'6 1/4	11.74	Maria Van As(RSA)	5- 9-81
	32'0 1/2	9.76	Bernice Holland(OH)	6-27-87
61	35'8 3/4	10.89	Marianne Hamm(FRG)	8- 1-89
	31'7 1/4	9.63	Bernice Holland(OH)	3- 6-88
62	36'3	11.05	Marianne Hamm(FRG)	6-30-90
	32'2 3/4	9.82	Bernice Holland(OH)	7-20-89
63	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	36'2 1/2	11.03	Helen Stephens(MO)	6- 1-82
65	35'4	10.77	Helen Stephens(MO)	6- 1-83
66	34'6 1/2	10.53	Helen Stephens(MO)	5-29-84
67	31'9	9.68	Helen Stephens(MO)	6- 3-85
68	32'6 1/2	9.92	Helen Stephens(MO)	5-28-86
69	31'3	9.52	Helen Stephens(MO)	5- -87
70	29'3	8.91	Edith Menydyka(CA)	5- 9-81
71	28'0	8.53	Edith Menydyka(CA)	7-24-82
72	29'8	9.04	Edith Menydyka(CA)	2-19-83
73	28'5 1/2	8.67	Edith Menydyka(CA)	4-28-84
74	26'8	8.13	Edith Menydyka(CA)	7-27-85
75	26'4	8.02	Edith Menydyka(CA)	1-19-86
76	24'2 1/2	7.38	Irja Sarnama(FIN)	7-17-82
	24'1	7.34	Edith Menydyka(CA)	5-30-87
77	25'6	7.77	Irja Sarnama(FIN)	9-23-83
	22'7	6.88	Edith Menydyka(CA)	3- 5-88
78	25'7	7.80	Irja Sarnama(FIN)	8-22-84
	21'6	6.55	Edith Menydyka(CA)	7-30-89
79	24'2 1/2	7.38	Irja Sarnama(FIN)	8- 4-85
	11'6 1/2	3.52	Marilla Salisbury(CA)	3-28-87
	p18'5	5.61	Alice Humphrey(SD)	9- 7-90
	p17'11 1/2	5.47	Sylvia Swartz(WY)	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
	13'11 3/4	4.26	Carolyn Clark(MO)	7- 5-91
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
85	17'11 3/4	5.48	Irja Sarnama(FIN)	7-21-91
86	8'3	2.51	Mary Ames(CA)	5- 7-89
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
	146'11	44.78	J. Fonda Wilson(CA)	7- 3-88
36	219'2	66.80	Faina Myelnik(URS)	7-15-81
	149'6	45.58	J. Fonda Wilson(CA)	5-27-89
37	208'5	63.52	Faina Myelnik(URS)	7-25-82
	169'7	51.70	Monette Bronson(UT)	5-23-89
38	206'4	62.90	Helgi Parts(URS)	10- 7-75
	146'7	44.68	J. Fonda Wilson(CA)	6-22-91

39	204'8	62.38	Helgi Parts(URS)	9-16-76
	112'9	34.36	Joan Stratton(CA)	7-26-91
40	198'11	60.64	Helgi Parts(URS)	6-29-78
	116'9	35.60	Marie Magyar(HI)	12- 7-87
41	206'5	62.92	Helgi Parts(URS)	10- 4-78
	107'4	32.72	Lurline Struppeck(LA)	5-28-88
42	201'7	61.44	Helgi Parts(URS)	9-21-79
	98'2	29.92	Joanne Grissom(IN)	7-14-81
43	209'0	63.70	Helgi Parts(URS)	10- 2-80
	91'4	27.84	Lurline Struppeck(LA)	8- 3-90
	p111'4	33.94	Mary Priest(OR)	8-15-87
44	198'9	60.58	Helgi Parts(URS)	7-15-82
	97'0	29.56	Joanne Grissom(IN)	7-20-83
45	194'6	59.30	Helgi Parts(URS)	9- 2-83
	106'5	32.44	Joanne Grissom(IN)	8- 7-83
46	158'3	48.24	Odete Domingos(BRA)	1-10-81
	87'8	26.72	Cherrie Sherrard(CA)	7-20-85
47	192'2	58.58	Helgi Parts(URS)	9-29-84
	93'9 1/4	28.58	Vanessa Hilliard(FL)	4- 9-89
48	146'10	44.76	A. Chitrine Ruhlow(FRG)	7-20-85
	106'1	32.34	Vanessa Hilliard(FL)	7- 8-89
49	150'0	45.72	A. Chitrine Ruhlow(FRG)	5-24-86
	96'7 3/4	29.46	Vanessa Hilliard(FL)	8- 3-90
50	145'0	44.20	Odete Domingos(BRA)	9-13-84
	112'4	34.24	Vanessa Hilliard(FL)	7- 6-91
51	151'11	46.30	Odete Domingos(BRA)	7-13-86
	92'0	28.04	Joanne Grissom(IN)	8- 3-90
52	157'8	48.06	Odete Domingos(BRA)	6-23-87
	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	Zauzana Serodi(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 Chimes(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	111'7	34.02	Marianne Hamm(FRG)	10-11-86
	92'11 3/4	28.34	Bernice Holland(OH)	5- 3-86
60	105'8	32.22	Marianne Hamm(FRG)	6-25-88
	90'4	27.53	Bernice Holland(OH)	6-27-87
61	107'2	32.68	Marianne Hamm(FRG)	8- 4-89
	90'0	27.43	Bernice Holland(OH)	8- 5-88
62	92'3	28.12	Annchen Reile(FRG)	5-27-78
	91'1 3/4	27.78	Bernice Holland(OH)	8- 4-89
63	94'6 3/4	28.82	Marianne Hamm(FRG)	7-26-91
	91'1	27.76	Bernice Holland(OH)	8- 3-90
64	92'11	28.34	Annchen Reile(FRG)	8- 1-79
	89'3	27.20	Bernice Holland(OH)	7- 6-91
	p93'4	28.46	Annchen Reile(FRG)	- - 79
	87'1	26.54	Annchen Reile(FRG)	1- 8-81
	64'6	19.66	Harriett Boyd(FL)	6-22-89
66	94'9 3/4	28.90	Annchen Reile(FRG)	8- 9-81
	73'6	22.40	Helen Stephens(MO)	5-29-84
67	77'9	23.70	Lene Grobler(RSA)	4-19-91
	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 Menydyka(CA)	10- 6-79
69	80'10	24.64	Annchen Reile(FRG)	7-20-85
	68'7	20.90	Helen Stephens(MO)	6-27-87
70	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
	62'3	18.97	Edith Menydyka(CA)	3-13-82
72	79'1 3/4	24.12	Annchen Reile(FRG)	6-25-88
	61'3 1/2	18.68	Betty Jarvis(NC)	4-30-88
73	71'3 1/4	21.72	Annchen Reile(FRG)	7-30-88
	61'1	18.62	Edith Menydyka(CA)	6- 9-84
	p63'11 3/4	19.50	Rose Rustin(WY)	9-23-89
74	76'7 3/4	23.36	Annchen Reile(FRG)	7-22-89
	56'2	17.12	Edith Menydyka(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
	51'10	15.80	Edith Menydyka(CA)	6-20-87
77	55'11	17.04	Irja Sarnama(FIN)	9-25-83
	51'3	15.62	Edith Menydyka(CA)	2-21-88
78	57'9	17.60	Hanna Gelbrich(FRG)	7-26-91
	46'7	14.20	Edith Menydyka(CA)	6-18-89
79	55'0 3/4	16.78	Irja Sarnama(FIN)	8- 3-85
	21'11 3/4	6.70	Marilla Salisbury(CA)	3-28-87
	p47'5	14.45	Sylvia Swartz(WY)	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
82	54'5 1/2	16.60	Irja Sarnama(FIN)	11-29-87
	20'8	6.30	Marilla Salisbury(CA)	7-27-90
83	18'1 1/4	5.52	Marilla Salisbury(CA)	7-26-91
85	45'3 1/4	13.80	Irja Sarnama(FIN)	7-26-91
87	18'4 1/2	5.60	Sarah Packham(GBR)	11- 6-90



Libby Hagemann, shown here winning the javelin contest with a 58-11, broke the W70-74 hammer WR with a 72-6 and the U.S. discus record with a 62-8, Boston Masters NEAC Meet, Dedham, Mass., July 13.

Photo by Steve Schmitt

JAVELIN THROW (600 grams)

35	219'10	67.00	Tuula Laaksalo(FIN)	9-10-88
	202'6	61.72	Karin Smith(CA)	6-14-91
36	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
	139'3	42.44	Lurline Struppeck(LA)	7-23-88
42	167'8	51.12	Dana Zatopkova(CZE)	9-19-64
	128'7	39.20	Lurline Struppeck(LA)	7-23-89
43	158'6	48.32	Almut Broemmel(FRG)	7- 1-78
	113'0	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
	107'6	32.78	Lurline Struppeck(LA)	8-24-91
46	138'8	42.28	Heather Doherty(AUS)	1-19-80
	101'0	30.78	Frances Conley(CA)	7-25-87
47	127'0	38.72	Heidi Haase(FRG)	7-20-91
	100'5	30.61	Frances Conley(CA)	6-11-88
48	133'1	40.58	Uta Reinacher(FRG)	6-23-85
	102'8	31.30	Christel Miller(CA)	3-23-83
49	123'6	37.64	Averil Williams(GBR)	8-21-84
	96'6	29.41	Christel Miller(CA)	6-30-84

JAVELIN THROW (400 grams)

50	123'9	37.72	Heather Doherty(AUS)	10- 2-83
	109'0	33.22	Christel Miller(CA)	4-21-85
51	137'4	41.86	G. Schonauer(AUT)	9-24-88
	118'7	36.14	Becky Sisley(OR)	8- 4-90
52	143'9	43.82	G. Schonauer(AUT)	7-29-89
	106'9	32.54	Becky Sisley(OR)	6-22-91
53	129'0	39.32	Heather Doherty(AUS)	12- 7-86
	101'0	30.78	Christel Miller(CA)	7- 9-88
54	146'10	44.76	G. Schonauer(AUT)	7-20-91
	104'7	31.88	Christel Miller(CA)	7-29-89
55	131'7	40.10	Heather Doherty(AUS)	1- 7-89
	100'2	30.53	Christel Miller(CA)	7-15-90
56	130'4	39.72	Sigrin Kofink(FRG)	7-20-91
	97'1 1/2	29.60	Christel Miller(CA)	7- 7-91</

74	77'4 1/4	23.58	Hanna Gelbrich(FRG)	12- 1-87	21'6	6.55	Marilla Salisbury(CA)	8-16-87	
	67'11	20.70	Edith Mandyka(CA)	8-10-85	p43'1	13.13	Sylvia Swartz(NY)	7-14-91	
75	74'5 3/4	22.70	Hanna Gelbrich(FRG)	7- 1-88	p35'5	10.79	Alice Humphrey(SD)	9- 7-90	
	68'0	20.72	Edith Mandyka(CA)	5-31-86	80	58'7 1/4	17.86	Irja Sarnama(FIN)	8-16-86
76	73'11 1/2	22.54	Hanna Gelbrich(FRG)	7-29-89		20'4	6.20	Marilla Salisbury(CA)	7-23-88
	65'8	20.01	Edith Mandyka(CA)	6-20-87	81	56'2	17.12	Irja Sarnama(FIN)	8-31-87
77	75'6 1/4	23.02	Hanna Gelbrich(FRG)	6-30-90	82	49'5	15.06	Irja Sarnama(FIN)	12- 1-87
	59'11	18.26	Edith Mandyka(CA)	2-21-88		23'0 1/2	7.02	Marilla Salisbury(CA)	8- 4-90
78	74'5 3/4	22.70	Hanna Gelbrich(FRG)	7-20-91	83	18'3 3/4	5.58	Marilla Salisbury(CA)	7-20-91
	57'6 1/2	17.54	Edith Mandyka(CA)	7-29-89	85	45'1	13.74	Irja Sarnama(FIN)	7-20-91
79	59'0 3/4	18.00	Irja Sarnama(FIN)	6-22-85	87	14'5 1/4	4.40	Sarah Packham(GBR)	11- 5-90

81	34:57	Tony Perona(CA)	9-17-89
82	32:35	Albert Theobald(AUS)	3-24-79
	34:43	Byron Fike(OH)	8- 7-90
83	32:21	Albert Theobald(AUS)	4- 6-80
	34:52	Paul Spangler(CA)	9-19-82
84	37:35	Paul Spangler(CA)	9-26-83
85	33:15	Albert Theobald(AUS)	4-10-82
	37:50	Paul Spangler(CA)	8-17-84
86	33:15	Albert Theobald(AUS)	4- 4-83
	37:41	Paul Spangler(CA)	8-24-85
87	33:53	Albert Theobald(AUS)	4-21-84
	37:10	Paul Spangler(CA)	5-24-86
88	34:54	Albert Theobald(AUS)	6-26-85
	38:26	Paul Spangler(CA)	7-25-87
90	35:10	Albert Theobald(AUS)	4-18-87
	43:51	Paul Spangler(CA)	8- 4-89

80	71:01	Tony Perona(CA)	3-19-89
81	74:45	Walter Keeler(GB)	8-26-79
	77:18	Martin Bartels(IL)	7- 9-90
82	66:40	Albert Theobald(AUS)	6- 2-79
	72:59	Tony Perona(CA)	5-27-90
83	66:24	Albert Theobald(AUS)	3- 5-80
	76:00	Tony Perona(CA)	6-23-91
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

15k WALK

MEN'S RACE WALKING

3k WALK

40	13:27y	Bob Keating(NH)	3-15-87
41	14:00yi	Bob Keating(NH)	3-19-88
42	12:59	Nick Badera(NY)	8-18-91
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	15:02yi	Howard Jacobsen(NY)	2-19-78
48	14:35yi	Jack Boitano(CT)	3-14-81
49	13:22y	Gary Little(NZL)	10-26-91
	14:15	Tom Knatt(NH)	2- 4-90
50	14:35	John Elwarner(MI)	10-21-89
51	14:34y	Maurice Hinton(NZ)	1-31-87
	15:00yi	John Elwarner(MI)	2-23-91
52	15:08yi	Sal Corrallo(VA)	2-20-83
53	15:48y	Robert Mimm(NJ)	8- 7-78
54	15:13yi	Max Green(MI)	1-31-87
55	14:23y	Maurice Hinton(NZ)	11-10-90
	15:36yi	Max Green(MI)	3-29-87
56	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	14:44	Bryan Hawkins(GB)	5-15-88
	16:08	Bob Fine(NY)	6-22-91
61	17:57y	Don Johnson(NJ)	6-18-78
62	16:46yi	Robert Mimm(NJ)	1-18-87
63	15:58yi	Robert Mimm(NJ)	1-10-88
64	17:42y	Bengt Gustafsson(SWE)	10-12-86
	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	18:13i	George Heller(NY)	3-24-90
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	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
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
	21:58	Larry Walker(CA)	6-18-84
42	21:32	Larry Walker(CA)	3- 2-85

10k WALK

40	40:08	Willi Sawall(AUS)	8-28-82
	43:23	Larry Walker(CA)	12- 4-83
41	40:39	Marcel Jobin(CAN)	7-23-83
	44:59	Larry Walker(CA)	4-29-84
42	41:14	Willi Sawall(AUS)	5-26-84
	43:51	Larry Walker(CA)	11- 3-85
43	45:12	John Knifton(TX)	10-16-82
44	41:58	Willi Sawall(AUS)	4-12-86
	44:35	Larry Walker(CA)	4-26-87
45	44:54	Larry Walker(CA)	4-24-88
46	42:18	Willi Sawall(AUS)	4- 2-88
	45:18	Larry Walker(CA)	12- 9-89
47	42:26	Willi Sawall(AUS)	7-15-89
	45:00	Larry Walker(CA)	4-22-90
48	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
	50:01	John Elwarner(MI)	7- 8-89
50	47:44	George Chaplin(GB)	4-12-81
	49:06	John Elwarner(MI)	7- 7-90
51	47:26	George Chaplin(GB)	7- 3-82
	49:11	John Elwarner(MI)	9-30-90
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
	49:06	Louis Marquis(SWI)	7-11-85
55	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	52:00	Max Gould(CAN)	7-16-78
	53:38	Robert Mimm(NJ)	12- 9-84
61	51:20	Max Gould(CAN)	10-14-78
	53:38	Robert Mimm(NJ)	12- 8-85
62	47:48	Carlo Bomba(ITA)	9- 2-84
	54:15	Carlo Bomba(ITA)	4- 5-87
63	50:26	Carlo Bomba(ITA)	10-14-84
	55:35	Robert Mimm(NJ)	5- 1-88
64	55:38	Max Gould(CAN)	12- 5-81
	56:09	Robert Mimm(NJ)	12-11-88
65	55:30	George Braceland(PA)	12-23-78
	56:14	Robert Mimm(NJ)	1-20-91
66	56:03	Chico Scimone(ITA)	7-28-79
	60:37	George Braceland(PA)	4- 5-81
68	57:12	Dick Horsley(AUS)	7-18-81
	60:03	Don Johnson(NJ)	12- 8-85
69	58:07	Arne Svensson(SWE)	10-19-86
	59:50	Gordon Wallace(AZ)	7-28-79
70	54:17	Tom Daintry(AUS)	5- 9-81
	61:13	Gordon Wallace(AZ)	7-12-80
71	60:42	Cokey Daman(VA)	7- 7-90
72	61:02	Connor Johnson(RSA)	7-28-79
	61:45	Giulio Depetra(CA)	8-21-83
73	57:17	James Grimwade(GB)	11-17-85
	62:40	Don Johnson(NJ)	5-20-90
74	55:56	James Grimwade(GB)	10-12-86
	62:09	Giulio Depetra(CA)	5- 4-85
75	55:01	James Grimwade(GB)	9-27-87
	64:48	Gordon Wallace(AZ)	11- 3-85
76	66:02	Giulio Depetra(CA)	6- 7-87
77	61:18	Alfred Roberts(GB)	7-28-79
	65:54	Tony Perona(CA)	11- 3-85
78	71:15	Tony Perona(CA)	5-24-87
79	62:51	Tom Daintry(AUS)	4-21-90
	68:06	Giulio Depetra(CA)	4-28-90

40	1:04:26	Willi Sawall(AUS)	4-28-82
	1:07:34	Larry Walker(CA)	5-15-83
41	1:08:09	Larry Walker(CA)	4-29-84
42	1:02:47	Willi Sawall(AUS)	6- 2-84
	1:11:39	Bob Keating(NH)	7-30-89
43	1:10:20	Larry Walker(CA)	4-20-86
44	1:08:37	Larry Walker(CA)	11-29-87
	1:05:35	Willi Sawall(AUS)	8-15-87
45	1:15:21	Rudy Maluzza(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	1:15:17	P. Andreotti(ITA)	3-24-91
	1:17:37	John Elwarner(MI)	4- 8-90
51	1:17:40	Jaan Roos(CAN)	9-11-88
	1:19:40	Chuck Marut(CA)	11-19-89
52	1:13:52	Mario Sciarretta(ITA)	10-12-86
	1:17:55	Sal Corrallo(VA)	5- 8-83
53	1:18:07	John Allen(CA)	3-17-79
54	1:20:10	Max Green(MI)	2- 7-87
55	1:14:09	Maurice Hinton(NZ)	10-13-90
	1:19:15	Max Green(MI)	10-16-87
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	1:23:05	Dick Horsley(AUS)	9- 1-73
	1:23:53	Robert Mimm(NJ)	8-25-85
61	1:27:45	Robert Mimm(NJ)	2-23-86
	1:20:53	Carlo Bomba(ITA)	2- 5-84
62	1:20:53	Anthony Medieros(MA)	10-11-75
	1:24:35	Max Gould(CAN)	9-28-80
63	1:20:12	Robert Mimm(NJ)	10-16-88
	1:25:29	Anthony Medieros(MA)	9-17-77
64	1:24:10	Robert Mimm(NJ)	4- 8-90
65	1:29:12	Robert Mimm(NJ)	2-23-91
66	1:26:19	Robert Mimm(NJ)	5-15-83
67	1:33:00	Norold McWilliams(CA)	5-15-83
68	1:35:15	Don Johnson(NJ)	8-25-85
69	1:33:42	Gordon Wallace(AZ)	6- 2-79
70	1:22:53	Tom Daintry(AUS)	4-25-81
	1:32:30	Gordon Wallace(AZ)	7-12-80
71	1:35:38	Gordon Wallace(AZ)	1-13-81
72	1:31:57	Giulio Depetra(CA)	8-21-83
73	1:35:35	Giulio Depetra(CA)	11-17-84
74	1:35:49	Giulio Depetra(CA)	11-17-85
75	1:28:46	Tom Daintry(AUS)	6-22-86
	1:43:05	Gordon Wallace(AZ)	8- 4-85
76	1:34:47	Albert Theobald(AUS)	12-23-73
	1:39:25	Giulio Depetra(CA)	6- 7-87
77	1:40:32	Giulio Depetra(CA)	6- 5-88
78	1:41:14	Giulio Depetra(CA)	4-30-89
79	1:38:26	Tom Daintry(AUS)	4-29-90
	1:50:14	Tony Perona(CA)	3-20-88
80	1:47:52	Tony Perona(CA)	3-19-89
82	1:52:22	Tony Perona(CA)	5-27-90
84	2:31:57	Earl Bailey(VA)	11-05-83
86	2:25:57	Earl Bailey(VA)	4-21-85

20k WALK

40	1:21:36	Willi Sawall(AUS)	7- 4-82
	1:33:06	John Knifton(TX)	12-27-79
41	1:25:11	Willi Sawall(AUS)	9- 3-83
	1:31:35	Larry Walker(CA)	4-29-84
42	1:23:27	Willi Sawall(AUS)	4- 5-84
	1:35:13	Bill Ranney(CA)	3-12-78
43	1:27:40	Gerhard Weidner(FRG)	4-16-76
	1:36:51	John Knifton(TX)	3-13-83

44	1:25:09	Willi Sewall(AUS)	4-19-86	71	2:01:35	Charles Megnin(GB)	8- 1-86	51	2:16:48	John Pottage(AUS)	8-16-75	4:57:34	Alan Price(DC)	4- 8-90
	1:31:31	Larry Walker(CA)	11-29-87		2:07:52	Cokey Daman(VA)	5- 6-90		2:20:55	Robert Mimm(NJ)	4-25-76	3:59:48	Willi Sewall(AUS)	8-17-86
45	1:31:21	Gerhard Weidner(FRG)	8-12-78	72	2:02:13	Tom Daintry(AUS)	4- 5-83	52	2:11:01	John Allen(CA)	11-26-78	4:41:07	John Knifton(TX)	12-11-83
	1:42:30	Bill Ranney(CA)	5- 3-81		2:04:47	Giulio Depetra(CA)	8-21-83		2:25:04	Mario Sciarretta(ITA)	9-20-87	4:02:17	Gerhard Weidner(FRG)	10- 1-78
46	1:25:03	Willi Sewall(AUS)	8-27-88	73	1:59:38	James Grimade(GB)	5-17-12	53	2:26:46	Fred Dunn(CA)	3-28-82	4:56:57	Christian Amoroso(CO)	6-16-79
	1:32:42	Larry Walker(CA)	7-30-89		2:09:32	Don Johnson(NJ)	5- 6-90		2:17:01	Max Green(MI)	4- 6-86	4:01:01	Gerhard Weidner(FRG)	9-30-79
47	1:28:12	Willi Sewall(AUS)	12-18-88	74	1:58:10	James Grimade(GB)	8- 1-86	54	2:14:06	Max Green(MI)	5-24-87	4:36:24	Bill Ranney(CA)	6-20-82
	1:33:09	Larry Walker(CA)	6-16-90		2:09:12	Giulio Depetra(CA)	6-29-85		2:25:45	Don Johnson(NJ)	3-18-73	4:00:49	Gerhard Weidner(FRG)	4-19-80
48	1:34:21	Larry Walker(CA)	3-16-91	75	1:56:22	James Grimade(GB)	10-31-87	56	2:27:46	Kaare Hammer(NOR)	8-16-75	4:59:55	Sal Corrallo(VA)	9-10-78
	1:28:32	Gary Little(NZL)	10-12-91		2:11:47	Giulio Depetra(CA)	8- 1-86		2:28:45	John Kelly(CA)	5-24-87	4:17:45	Gerhard Weidner(FRG)	4-26-81
49	1:44:08	John Elwærner(NI)	7-30-89	76	1:59:42	Alfred Roberts(GB)	9-15-78	57	2:19:33	Max Gould(CAN)	8-16-75	4:53:11	Sal Corrallo(VA)	8-26-79
	1:33:35	Gerhard Weidner(FRG)	4-30-83		2:12:20	Giulio Depetra(CA)	11-29-87		2:22:37	Robert Mimm(NJ)	4-10-83	4:39:27	Gary Little(NZL)	6- 2-91
	1:44:34	John Elwærner(NI)	4- 8-90	77	2:07:33	Alfred Roberts(GB)	7-31-79	58	2:31:47	Jen Blidberg(SWE)	8-16-75	4:52:31	Sal Corrallo(VA)	5-13-80
51	1:36:56	Gerhard Weidner(FRG)	4-28-84	78	2:10:53	Tom Daintry(AUS)	7-30-89	59	2:38:15	Fred Dunn(CA)	3-20-88	4:14:37	Gerhard Weidner(FRG)	8-28-83
	1:45:12	Chuck Marut(CA)	7-30-89		2:13:34	Giulio Depetra(CA)	7-30-89		2:25:16	Robert Mimm(NJ)	4-21-85	5:14:43	Glen Wells(UT)	4-27-86
52	1:35:35	Gerhard Weidner(FRG)	4-27-85	79	2:06:19	Tom Daintry(AUS)	4-16-90	60	2:28:51	Robert Mimm(NJ)	4- 6-86	5:10:46	Peter Worth(GB)	7-18-81
	1:43:28	John Allen(CA)	8-20-78		2:20:35	Giulio Depetra(CA)	7- 8-90		2:28:36	Anthony Medieros(MA)	10-26-75	5:07:01	Sal Corrallo(VA)	5-16-82
53	1:35:15	Gerhard Weidner(FRG)	7-11-86	80	2:11:55	Albert Theobald(AUS)	8-13-77	62	2:14:02	Carlo Bomba(ITA)	3- 3-85	5:25:12	John Allen(CA)	9-10-78
	1:42:45	Sal Corrallo(VA)	3- 4-84		2:24:48	Giulio Depetra(CA)	7-25-91		2:24:15	Robert Mimm(NJ)	10-16-88	5:03:29	Peter Worth(GB)	8- 6-83
54	1:45:23	Herward Kloppe(FRG)	9-15-78	81	2:31:32	Connor Johnston(RSA)	5- 6-88	64	2:24:25	Max Gould(CAN)	7-19-81	5:04:45	Sal Corrallo(VA)	4-29-84
	1:48:48	Max Green(MI)	7-20-86		2:32:26	Tony Perona(CA)	7-23-87		2:35:47	Don Johnson(NJ)	7-19-81	5:04:46	Don Johnson(NJ)	4- 4-71
55	1:41:35	Louis Marquis(SWI)	6-16-85	82	2:32:34	Connor Johnston(RSA)	3-31-90	65	2:37:21	Sydney Smith(GB)	8-16-75	5:00:39	Max Green(MI)	2-21-86
	1:45:36	Max Green(MI)	8-16-87		2:41:14	Tony Perona(CA)	3-16-91		2:42:01	Robert Mimm(NJ)	9- 4-90	5:06:36	Peter Worth(GB)	4-12-86
56	1:43:53	Max Green(MI)	4-11-88	83	2:22:12	Albert Theobald(AUS)	1-13-81	66	2:43:55	Anthony Medieros(MA)	12-16-79	5:20:40	Karl Krusper(CA)	2-22-87
	1:44:50	John Junggren(SWE)	8-13-77		2:26:07	Albert Theobald(AUS)	8-21-82		2:49:26	Lawrence O'Neil(WT)	8-16-75	5:11:54	Sal Corrallo(VA)	2-21-88
57	1:46:31	Max Green(MI)	4-16-89	85	2:26:07	Albert Theobald(AUS)	8-21-82	67	2:48:06	Don Johnson(NJ)	4-21-85	5:09:52	Peter Worth(GB)	4- 9-88
	1:43:41	Max Green(MI)	4- 8-90		2:28:24	Albert Theobald(AUS)	4- 5-83		2:42:59	Gordon Wallace(AZ)	6-17-79	5:40:35	Don Johnson(NJ)	4-20-75
58	1:45:56	Max Green(MI)	4-14-91	86	2:26:32	Earl Bailey(VA)	5-26-85	68	2:30:26	Tom Daintry(AUS)	5-17-81	4:50:37	Max Gould(CAN)	3-13-77
	1:47:38	Max Gould(CAN)	8-13-77		2:35:12	Albert Theobald(AUS)	6-29-85		2:47:43	Don Johnson(NJ)	10-24-87	5:38:59	Lawrence O'Neil(WT)	6-11-67
60	1:53:33	Robert Mimm(NJ)	8-25-85	90	2:34:01	Albert Theobald(AUS)	4- 3-87	70	2:47:43	Cokey Daman(VA)	9- 4-90	4:59:58	Max Gould(CAN)	11-13-77
	1:44:23	Max Gould(CAN)	9-15-78		2:01:22	John Knifton(TX)	3-23-80	71	2:47:31	John Stowers(TX)	5-09:20	5:09:20	John Stowers(TX)	3- 5-89
61	1:50:55	Robert Mimm(NJ)	10- 5-86	40	2:02:46	Roy Thorpe(GB)	8-16-75	72	2:54:46	Gordon Wallace(AZ)	3-28-32	5:28:12	Helmut Hampf(FRG)	5-31-73
	1:51:05	A. Sturni(FRA)	6-29-85	41	2:10:18	Ron Kulik(NJ)	11-26-78	73	2:37:56	Alfred Roberts(GB)	8-16-75	5:37:30	Laurence O'Neil(WT)	9-13-69
62	1:51:19	Robert Mimm(NJ)	9- 7-87	42	2:10:32	Jeff Bomer(TX)	11-26-78	74	2:56:58	Gordon Wallace(AZ)	5-21-83	5:41:05	John Stowers(TX)	3-17-91
	1:43:50	Carlo Bomba(ITA)	6- 2-85		2:10:18	Bill Ranney(CA)	3-18-79		3:15:35	Harry Drazin(NJ)	2-21-88	5:13:12	Robert Mimm(NJ)	4- 2-88
63	1:49:09	Robert Mimm(NJ)	11-29-87	43	2:08:00	Larry Walker(CA)	5-24-87	75	3:07:10	George Knox(OH)	3-27-88	5:38:59	Len Creo(GB)	4- 9-88
	1:52:46	Alfred Poole(GB)	9-15-78		1:59:59	Bill Ranney(CA)	7-13-80		3:09:45	Gordon Wallace(AZ)	5-24-87	5:40:51	Robert Mimm(NJ)	4- 8-90
64	1:52:46	Alfred Poole(GB)	9-15-78	44	2:04:52	Bill Ranney(CA)	3-28-82	76	3:48:56	Albert Theobald(AUS)	8-16-75	5:48:01	Gerd Niche(FRG)	3-21-82
	1:56:00	Robert Mimm(NJ)	5- 6-90		1:59:59	Bill Ranney(CA)	3-28-82		3:09:03	Earl Bailey(VA)	5-24-87	6:24:18	George Knox(OH)	10-28-78
65	1:54:30	Max Gould(CAN)	7-31-82	45	2:04:52	Bill Ranney(CA)	3-28-82	77	3:09:03	Earl Bailey(VA)	11- 5-83	6:31:44	George Knox(OH)	4- 6-80
	1:56:00	Robert Mimm(NJ)	5- 6-90		2:01:26	Gary Little(NZL)	10-15-89		3:59:43	Earl Bailey(VA)	11- 3-84	6:19:33	George Knox(OH)	7-23-80
66	1:55:52	Robert Mimm(NJ)	7-25-91	46	2:15:20	Sal Corrallo(VA)	10-15-89	84	3:52:20	Evgeny Ivchenko(URS)	5-13-79	5:37:36	Tom Daintry(AUS)	9- 6-81
	2:00:18	Max Gould(CAN)	6-29-85		2:15:20	Sal Corrallo(VA)	10-15-89		4:22:20	John Knifton(TX)	2-17-80	6:18:14	Cokey Daman(VA)	3- 5-89
67	2:00:18	Harold Wright(NB)	11-29-87	47	2:13:43	P. Andreotti(ITA)	6-11-89	85	4:22:20	John Knifton(TX)	2-17-80	6:27:36	Denise Cock(RSA)	7-27-85
	2:01:42	J. Stork-Zofka(CZE)	8-13-77		2:13:55	Jack Boitano(CT)	7-19-81		4:22:20	Evgeny Ivchenko(URS)	7-27-79	7:12:30	George Knox(OH)	7-17-82
68	2:06:23	Don Johnson(NJ)	6-29-85	48	2:13:55	Jack Boitano(CT)	7-19-81	40	4:22:20	John Knifton(TX)	2-17-80	7:12:30	Ernie Warwick(GB)	4- 9-88
	2:06:23	Don Johnson(NJ)	6-29-85		1:52:10	Gary Little(NZL)	10-12-91		4:37:54	John Kelly(CA)	10-11-70	6:36:34	Don Johnson(NJ)	3- 5-89
69	1:51:18	Tom Daintry(AUS)	1-13-81	49	1:52:10	Gary Little(NZL)	10-12-91	41	4:37:54	John Kelly(CA)	10-11-70	7:22:48	John Clough(RSA)	8-23-86
	2:03:58	Gordon Wallace(AZ)	7-31-79		2:16:59	Sal Corrallo(VA)	11- 2-80		3:55:16	Marcel Jobin(CAN)	4-15-84	7:04:23	Harry Drazin(NJ)	2-21-88
70	1:59:59	Alfred Roberts(GB)	4- 1-72	50	2:14:56	P. Andreotti(ITA)	3- 3-91	42	4:19:27	Eugene Kitts(NI)	10-28-90	7:58:15	James Grimade(GB)	8- 1-87
	2:03:37	Cokey Daman(VA)	7-30-89		2:16:13	Sal Corrallo(VA)	7-19-81		4:06:20	Gerhard Weidner(FRG)	9-18-76	7:18:21p	George Knox(OH)	11- 2-86
								43					Henry Bent(MO)	11- 6-76

25k WALK

50k WALK

WOMEN'S RACE WALKING

ONE MILE WALK



Renowned racewalker, Albert (Gus) Theobald (c), shares a peaceful moment at Oregon's Crater Lake with friends, Tom Daintry (l) and Gordon Wallace (r). Theobald, 92, who holds innumerable age records for racewalks from 5-25K, was recently struck by a car in his native Australian and killed. Two weeks prior to his death, he won the 10K RW at the Victorian mid-winter championships.

Photo by Connor Johnston

40	7:51:11	Jolene Steigerwalt(CA)	2-11-84	60	9:37	Ruth Leff(WI)	8-23-87
41	7:45:11	Jolene Steigerwalt(CA)	2- 3-85	61	9:11	Ruth Leff(WI)	1-28-89
42	8:06	Jolene Steigerwalt(CA)	7- 2-86	62	9:37	Ruth Leff(WI)	2- 3-90
43	8:32	Lori Maynard(CA)	4- 7-79	63	9:30	Ruth Leff(WI)	7-22-90
44	8:06	Lori Maynard(CA)	5-26-80	64	9:49	Ruth Leff(WI)	10-27-91
45	8:05	Jo Ann Nedelco(CA)	4-15-89	65	10:23	LaVonne Hottensmith(FL)	11-19-88
46	7:56	Jo Ann Nedelco(CA)	6-10-89	66	10:30	LaVonne Hottensmith(FL)	10-22-89
47	7:52	Jo Ann Nedelco(CA)	6- 9-90	67	10:55	Ernestine Yeomans(OH)	2-23-86
48	8:21	Beverly La Veck(WA)	7-25-84	68	11:14	Ruth Van Sandt(CA)	6-10-89
49	8:24	Beverly La Veck(WA)	2-23-86	69	12:01	Rose Kash(CA)	6-23-90
50	8:35	Beverly La Veck(WA)	4-24-86	70	11:43	Bonnie Kolsom(NI)	8- 6-86
51	8:15	Beverly La Veck(WA)	7-22-87	71	10:14p	Adaline Crocker(NI)	10-27-81
52	8:46	Beverly La Veck(WA)	1- 8-89	72	11:51	Lucille Monroe(MO)	5-29-86
53	8:62	Beverly La Veck(WA)	6- 7-89	73	12:01	Adaline Crocker(NI)	10-16-83
54	10:52	June Stand(CA)	4-18-87	74	11:45	Adaline Crocker(NI)	10-23-83
55	8:46	Beverly La Veck(WA)	6- 5-91	75	12:24	Adaline Crocker(NI)	6- 9-85
56	9:12	Joyce Decker(IL)	7-22-90	76	13:08	Adaline Crocker(NI)	7-14-84
57	8:56	Joyce Decker(IL)	9-29-91	77	13:38p	Marilla Salisbury(CA)	8- 4-85
58	9:35i	Ruth Leff(WI)	2-25-86	78	16:51	Esther Dutton(CA)	4- 1-89
59	9:35	Ruth Leff(WI)	6-25-86	79	12:57	Marilla Salisbury(CA)	7-11-87

TWO MILE WALK

40	19:58	Jane Smith(WI)	9-20-89	69	23:00n	Ernestine Yeomans(OH)	1-28-89	56	28:25	Ruth Eberle(MO)	7-31-87	74	7-14	11.278	Jo Ann Nedelco(CA)	12-17-89
41	16:51	Jolene Steigerwalt(CA)	5-27-85	70	24:44	Bonnie Kolsom(WI)	7-23-86	57	29:13	Joyce Decker(IL)	9-29-91	47	7-159	11.411	Jo Ann Nedelco(CA)	7-15-90
42	17:06	Jolene Steigerwalt(CA)	5-28-86	71	24:31	Umayo Taniguchi(WI)	8-28-83	58	29:59	Ruth Eberle(MO)	8-5-89	48	6-456	10.073	Dorothy Kelley(NY)	10-14-84
43	17:16	Lori Maynard(CA)	5-28-79	72	24:50	Adeline Crocker(NI)	8-28-83	59	31:13	Ruth Leff(WI)	9-1-86	49	5-1360	9.290	Lois Dicker(MD)	9-17-89
44	16:38	Lori Maynard(CA)	5-26-80	73	25:24	Fan Berno(TX)	5-6-84	60	32:11	Ruth Leff(WI)	9-7-87	50	5-1530	9.446	Margie Alexander(IN)	10-20-91
45	16:35	Jo Ann Nedelco(CA)	4-15-89	74	24:24	Marilla Salisbury(CA)	8-8-81	61	30:43	Ruth Leff(WI)	6-27-88	51	6-59	9.710	Lois Dicker(MD)	10-22-89
46	16:19	Jo Ann Nedelco(CA)	6-10-89	75	24:41	Adeline Crocker(NI)	7-23-86	62	31:42	Ruth Leff(WI)	8-5-89	51	6-70 c	9.720	Helen Jo Hillman(DC)	10-23-88
47	16:03	Jo Ann Nedelco(CA)	6-9-90	76	24:57	Marilla Salisbury(CA)	4-22-87	63	31:16	Collie Greene(CA)	8-5-89	52	6-445	10.063	Beverly La Veck(WA)	11-5-88
48	17:32i	Dorothy Kelley(NY)	3-24-84	77	27:27p	Marilla Salisbury(CA)	7-14-84	64	31:02	Ruth Leff(WI)	4-21-91	53	6-442	10.060	Barbara Hilger(CO)	9-18-88
49	17:35	Lori Maynard(CA)	8-3-85	78	34:44	Marilla Salisbury(CA)	8-4-85	65	31:30	Miriam Gordon(FL)	7-1-91	54	6-434	10.053	Beverly La Veck(WA)	6-24-90
50	17:38	Beverly La Veck(WA)	4-24-86	79	32:50	Esther Dutton(CA)	4-1-89	66	33:08	LaVonne Hottensmith(FL)	7-21-89	55	6-439	10.058	Beverly La Veck(WA)	10-12-91
51	19:15	Helen Jo Hillman(DC)	10-23-88			Elena Carola(CA)	9-19-87	67	32:46	Ruth Van Sandt(CA)	8-5-89	56	6-213	9.851	Rhode Green(NY)	10-28-90
52	18:02	Beverly La Veck(WA)	3-4-89					68	34:56n	Ernestine Yeomans(OH)	9-27-87	57	6-279	9.911	Joyce Decker(IL)	5-27-91
53	20:19	Margaret Seewerker(CA)	9-17-88					69	35:11	Billie Parsons(CA)	4-7-84	58	5-1382	9.310	Ruth Leff(WI)	9-14-85
54	19:33i	Anna Rush(FL)	3-27-83					70	34:36	Frances Kenney(MI)	7-1-91	59	5-1396	9.323	Ruth Leff(WI)	10-11-86
55	20:54	Dorothy Michaels(VA)	10-9-82	40	25:40	Viisha Sedlak(CO)	8-5-89	71	34:59	Luise Mottage(NM)	7-1-91	60	5-1091	9.044	Ruth Leff(WI)	9-20-87
56	19:21	Joyce Decker(IL)	7-22-90	41	24:38	Viisha Sedlak(CO)	8-2-90	72	35:07	Imogene Watkins(MS)	7-1-91	61	5-1231	9.172	Ruth Leff(WI)	10-9-88
57	18:17	Joyce Decker(IL)	10-27-91	42	26:17	Viisha Sedlak(CO)	5-12-91	73	38:04	Velma Jacobs(CO)	8-5-88	62	5-1251	9.191	Ruth Leff(WI)	10-8-89
58	20:00	Ruth Leff(WI)	6-5-85	43	26:11	Lori Maynard(CA)	7-28-79	74	39:16	Marilla Salisbury(CA)	7-1-91	63	5-1142	9.091	Joan Rowland(NY)	10-8-89
59	19:32	Ruth Leff(WI)	8-12-86	44	25:46	Lori Maynard(CA)	8-16-80	75	36:26	Velma Jacobs(CO)	6-19-82	64	5-1179	9.125	Ruth Leff(WI)	5-11-91
60	19:34	Ruth Leff(WI)	8-30-87	45	25:51	Lori Maynard(CA)	5-30-81	76	38:34	Eleanor Miller(NC)	7-1-91	65	5-1058	9.014	Joan Rowland(NY)	10-20-91
61	19:24	Ruth Leff(WI)	10-14-88	46	25:28	Jo Ann Nedelco(CA)	9-24-89	77	36:26	Helen Sutter(FL)	3-31-90	66	5-699	8.686	LaVonne Hottensmith(FL)	10-22-89
62	20:00	Ruth Leff(WI)	1-27-90	47	25:00	Jo Ann Nedelco(CA)	9-30-90	78	37:56	Estelle Frandberg(AZ)	7-1-91	67	5-36	8.080	Rose Kash(CA)	12-10-88
63	20:00	Ruth Leff(WI)	2-9-91	48	25:41	Jo Ann Nedelco(CA)	6-8-91	79	39:00	Anne Clarke(IL)	8-5-89	68	4-1660	8.235	Rose Kash(CA)	12-9-89
64	19:57	Ruth Leff(WI)	10-27-91	49	26:59	Beverly La Veck(WA)	10-19-85	80	37:41	Polly Clarke(CO)	7-1-91	69	4-1390	7.955	Rose Kash(CA)	12-23-90
65	21:44	LaVonne Hottensmith(FL)	11-19-88	50	27:37	Beverly La Veck(WA)	4-11-87	81	43:53	Marilla Salisbury(CA)	8-5-89	71	5-465	8.472	Velma Jacobs(CO)	9-28-87
66	20:46n	Ernestine Yeomans(OH)	2-23-86	51	26:42	Beverly La Veck(WA)	7-31-87	82	41:59	Louise Swanson(CO)	7-1-91	72	4-1326	7.650	Velma Jacobs(CO)	9-18-88
67	20:13in	Ernestine Yeomans(OH)	10-22-89	52	28:28	Beverly La Veck(WA)	3-4-89	85	58:09	Sue Matthews(PA)	7-1-91	73	4-1218	7.551	Adaline Crocker(NI)	7-13-85
68	23:45	Bonnie Kolsom(WI)	8-21-85	53	27:59	Beverly La Veck(WA)	8-5-89	86	46:57	Anna Ward(MO)	7-1-91	74	4-865	7.228	Marilla Salisbury(CA)	9-5-81
				54	28:31	Beverly La Veck(WA)	9-15-90					75	4-509 p	6.903	Marilla Salisbury(CA)	8-7-83
				55	28:23	Beverly La Veck(WA)	9-28-91					76	3-1673	6.358	Marilla Salisbury(CA)	7-14-84
												77	4-61 p	6.493	Marilla Salisbury(CA)	8-4-85
												78	4-120	6.547	Berniece Springer(KS)	10-13-90
												79	2-1684	4.759	Esther Dutton(CA)	7-15-90

5k WALK

10k WALK

15k WALK

40	50:47	Viisha Sedlak(CO)	7-30-89	40	1:26:13	Jolene Steigerwalt(CA)	1-8-84
41	49:15	Viisha Sedlak(CO)	6-16-90	41	1:27:03	Jolene Steigerwalt(CA)	3-30-85
42	51:17	Gayle Johnson(MO)	9-28-91	42	1:21:46	Viisha Sedlak(CO)	5-12-91
43	53:11	Lori Maynard(CA)	7-31-79	43	1:27:58	Lori Maynard(CA)	11-25-79
44	52:00	Lori Maynard(CA)	6-29-80	44	1:24:06	Jeanne Bocci(MI)	8-16-87
45	52:58	Lori Maynard(CA)	7-19-81	45	1:23:23	Jo Ann Nedelco(CA)	4-30-89
46	52:53	Jo Ann Nedelco(CA)	4-28-90	46	1:24:40	Jo Ann Nedelco(CA)	5-12-91
47	50:40	Jo Ann Nedelco(CA)	9-30-90	47	1:24:20	Lori Maynard(CA)	3-30-85
48	53:27	Jo Ann Nedelco(CA)	6-23-91	48	1:27:34	Beverly La Veck(WA)	12-13-86
49	55:49	Beverly La Veck(WA)	10-19-85	49	1:28:50c	Beverly La Veck(WA)	8-16-87
50	57:12c	Beverly La Veck(WA)	9-13-86	50	1:26:42	Beverly La Veck(WA)	4-30-89
51	55:50n	Gloria Brown(NY)	8-13-83	51	1:32:33	Jill Latham(CA)	4-30-89
52	58:28	Beverly La Veck(WA)	11-29-87	52	1:30:25	Beverly La Veck(WA)	4-30-89
53	57:21	Jill Latham(CA)	7-30-89	53	1:30:25	Ruth Eberle(MO)	8-25-85
54	59:02	Beverly La Veck(WA)	7-30-89	54	1:33:31	Beverly La Veck(WA)	5-12-91
55	58:26	Beverly La Veck(WA)	3-16-91	55	1:28:03	Ruth Eberle(MO)	8-16-87
56	60:24	Beverly La Veck(WA)	5-12-91	56	1:30:42	Joyce Decker(IL)	10-20-91
57	60:36	Ruth Eberle(MO)	8-16-87	57	1:36:16	Ruth Eberle(MO)	1-10-82
58	59:31	Joyce Decker(IL)	5-27-91	58	1:46:46	Marie Henry(NJ)	10-31-82
59	1:04:18	Ruth Eberle(MO)	7-30-89	59	1:45:17	Marie Henry(NJ)	9-20-87
60	1:06:19	Ruth Leff(WI)	10-11-86	60	1:41:09	Ruth Leff(WI)	10-9-88
61	1:05:26	Ruth Leff(WI)	9-20-87	61	1:39:22	Ruth Leff(WI)	10-8-89
62	1:05:25	Ruth Leff(WI)	10-9-88	62	1:40:19	Ruth Leff(WI)	10-21-90
63	1:04:55	Ruth Leff(WI)	10-8-89	63	1:41:39	Ruth Leff(WI)	5-27-91
64	1:05:20	Joan Rowland(NY)	7-30-89	64	1:42:30	Ruth Leff(WI)	10-6-91
65	1:06:26	Joan Rowland(NY)	7-7-91	65	1:45:43	Joan Rowland(NY)	8-25-85
66	1:07:51	Joan Rowland(NY)	7-7-91	66	1:51:43n	Ernestine Yeomans(OH)	3-19-89
67	1:08:59	LaVonne Hottensmith(FL)	7-30-89	67	1:51:49	Rose Kash(CA)	10-9-83
68	1:13:45c	Ruth Van Sandt(CA)	7-30-89	68	1:52:18c	Mayme Bdera(NY)	4-17-88
69	1:15:58n	Mayme Bdera(NY)	10-9-83	69	1:57:39n	Ernestine Yeomans(OH)	4-11-82
70	1:17:38n	Ernestine Yeomans(OH)	4-17-88	70	2:03:20	Adeline Crocker(NI)	4-6-86
	1:22:34	Ernestine Yeomans(OH)	5-28-89	71	2:04:45c	Adeline Crocker(NI)	6-17-84
71	1:15.43n	Adeline Crocker(NI)	2-14-82	72	2:05:13p	Adeline Crocker(NI)	4-7-85
72	1:23:29	Ernestine Yeomans(OH)	4-8-90	73	2:08:09c	Adeline Crocker(NI)	6-16-85
73	1:25:10	Adeline Crocker(NI)	2-19-84	74	2:05:14	Adeline Crocker(NI)	4-6-86
74	1:28:13	Adeline Crocker(NI)	2-17-85	75	2:05:24	Adeline Crocker(NI)	8-16-87
75	1:22:56	Adeline Crocker(NI)	8-3-86				
76	1:23:34	Adeline Crocker(NI)	8-16-87				
77	1:23:34	Adeline Crocker(NI)	7-30-89				
80	1:40:03	Marilla Salisbury(CA)	11-29-87				
81	1:31:03	Marilla Salisbury(CA)	7-30-89				
82	1:58.30	Marilla Salisbury(CA)	8-5-90				

ONE HOUR WALK

20k WALK

40	6-1013	10.582 E. Waldbridge(NM)	11-17-90	40	1:57:23	Jolene Steigerwalt(CA)	1-8-84
41	6-796	10.384 Jolene Steigerwalt(CA)	10-20-84	41	1:55:13	Jeanne Bocci(MI)	8-17-84
42	6-1226	10.777 Lori Maynard(CA)	8-27-78	42	1:52:22	Jeanne Bocci(MI)	8-25-85
43	6-1260	10.808 Jeanette Smith(IN)	10-20-91	43	1:59:01	Lori Maynard(CA)	11-25-79
43	6-519	10.131 Jolene Steigerwalt(CA)	11-15-86	44	1:53:05	Jeanne Bocci(MI)	8-16-87
44	7-85	11.343 Lori Maynard(CA)	6-29-80	45	1:55:07	Lori Maynard(CA)	5-2-81
45	6-1519	11.045 Jo Ann Nedelco(CA)	12-18-88	46	1:54:42	Lori Maynard(CA)	5-9-82
				47	1:58:25	Lori Maynard(CA)	8-21-83
				48	1:56:30	Beverly La Veck(WA)	8-19-84
				49	1:58:01	Lori Maynard(CA)	3-30-85



On the victory stand at the World Veterans Championships in Eugene are the W50-54 medalists. From left: Sheila Smith (USA), Bev LaVeck (USA), Jill Latham (USA). Photo by Don Johnson

50	1:59:52c	Beverly La Veck(WA)	12-13-86	47	2:35:11	Beverly La Veck(WA)	5-22-83
51	1:56:18	Beverly La Veck(WA)	8-16-87	49	3:06:10	Carlene Marion(NC)	4- 8-90
52	2:06:03	Shiela Smith(CA)	3-20-88	51	2:52:38	Lida Askew(TX)	3-12-78
53	2:06:20	Jill Latham(CA)	8- 5-90	52	2:49:08c	Jill Latham(CA)	3- 5-89
54	2:04:12	Beverly La Veck(WA)	8- 5-90	53	2:45:08	Jill Latham(CA)	4- 8-90
55	2:06:54	Shiela Smith(CA)	5- 5-91	56	2:53:18	Joyce Decker(IL)	10-21-90
56	2:01:39	Ruth Eberle(MO)	8-16-87	57	2:43:56	Joyce Decker(IL)	10-20-91
57	2:09:43	Joyce Decker(IL)	10-20-91	58	3:39:17c	Dee Dee Walker(GA)	3- 5-89
58	2:21:06	Marie Henry(NJ)	8- 8-82	60	2:59:47	Ruth Leff(WI)	10-25-87
59	2:28:15	Marie Henry(NJ)	5- 7-83	61	2:55:39	Ruth Leff(WI)	10-16-88
60	2:22:22	Ruth Leff(WI)	10- 4-87	62	3:00:24	Ruth Leff(WI)	10-22-89
61	2:19:06	Ruth Leff(WI)	10-16-88	63	2:53:27	Ruth Leff(WI)	10-21-90
62	2:22:02	Ruth Leff(WI)	10-22-89	64	2:59:28	Ruth Leff(WI)	10-20-91
63	2:16:53	Ruth Leff(WI)	10-21-90	68	3:14:39c	Hayme Bdera(NY)	10- 9-83
64	2:20:15	Ruth Leff(WI)	10-20-91				
65	2:28:01c	Marie Henry(NJ)	10-16-88				
66	2:31:57n	Ernestine Yeomans(OH)	8-25-85				
67	2:30:27	Rose Kash(CA)	3-19-89				
68	2:31:46c	Mayme Bdera(NY)	10- 9-83				
69	2:40:57n	Ernestine Yeomans(OH)	4-17-88				
72	2:52:14	Adeline Crocker(NI)	3-19-84				
75	2:49:18	Adeline Crocker(NI)	8-16-87				

25k WALK

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

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

50k WALK

Running - Metric Distances

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

Hurdle Events

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

Race Walking

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

Field Events

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

Combined Events

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

Relays

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

RECORDS SECTION

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

MEN'S MASTER OUTDOOR AMERICAN RECORDS

Running

100 yards	10.0	Dean Smith(SO. CAL. STRIDERS)	Fresno,CA	5-12-72
220 yards	22.3	Thane Baker(Dallas,TX)	Manhattan,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 Almborg(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 Jeffers(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

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 MASTER OUTDOOR CHAMPIONSHIP MEET RECORDS

Running

100 yards	10.3h	Richard Stolpe(U.S. NAVY)	San Diego,CA	7- 2-70
100 yards	10.3h	George Rhoden(JAM,MO 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	22.2	Brenden Wilson(AUS)	Houston,TX	9-18-83
200 meters	22.20	Stan Whitley(Alta Loma,CA)	Orlando,FL	8- 7-88
400 meters	48.61	James King(San Diego,CA)	San Diego,CA	7-21-89
800 meters	1:55.7	George Cohen(SO. CAL. STRIDERS)	Los Gatos,CA	8-15-81
1500 meters	3:56.30	Larry Alberg(Ellensburg,WA)	San Diego,CA	7-22-89
5000 meters	14:49.8	Albie Thomas(AUS)	White Plains,NY	8- 8-75
10,000 meters	30:46.6	Laurie Ohara(GB)	San Diego,CA	7- 6-73

Hurdle Events

110 meter hurdles (39")	14.76	Walt Butler(SO. CAL. STRIDERS)	Los Gatos,CA	8-15-81
400 meter hurdles (36")	53.10	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	22:26.9	Ron Kulik(NYAC)	Gresham,OR	7- 7-79

Field Events

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

Combined Events

decathlon (39" HURDLES)	6784	Wolfgang Linkmann(WG) (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 American Indoor Masters Records

Running

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

Running - Metric Distances

50 meters	6.2	James Lingel(BAY AREA STRIDERS)	Oakland,CA	2-10-73
60 meters	6.97	Eddie Hart(Oakland,CA)	Madison,WI	3-24-90
200 meters	23.11	Stan Druckrey(Milwaukee,WI)	Madison,WI	3-25-90
400 meters	50.64	James King(San Diego,CA)	E. Rutherford,NJ	2- 9-90
800 meters	1:57.81	Ken Sparks(Chagrin Falls,OH)	Madison,WI	3-25-90
1500 meters	3:59.24	Nolan Smith(Pasadena,CA)	Blaine,MN	3-23-91
3000 meters	8:44.0	Peter Hallop(Ann Arbor,MI)	Ypsilante,MI	1-15-88
5000 meters	15:55.0	Low Faxon(TIDEWATER STRIDERS)	Lexington,VA	3- 7-81

Race Walking

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

Field Events

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

Hurdle Events

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

Relays

one mile (4X440)	3:34.4	NEW YORK PIONEER CLUB (O'Neal-Valentine-Shane-Small)	West Point, NY	3-15-80
two mile (4X880)	8:30.0	NEW YORK PIONEER CLUB (Connelly-Krebs-Genovese-Zipper)	New Haven, CT	3-13-77
640 (4X160)	1:12.7	CORONA DEL MAR TRACK CLUB (Schlegel-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	1-22-85

MEN'S MASTERS INDOOR CHAMPIONSHIP MEET RECORDS

Running

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

Hurdle Events

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

Running - Metric Distances

60 meters	6.97	Eddie Hart(Oakland, CA)	Madison, WI	3-24-90
200 meters	23.11	Stan Druckrey(Milwaukee, WI)	Madison, WI	3-25-90
400 meters	50.87	Steve Hardison(Fresno, CA)	Blaine, MN	3-23-91
800 meters	1:57.81	Ken Sparks(Chagrin Falls, OH)	Madison, WI	3-25-90
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

Race Walking

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

Field Events

high jump	6'7	John Hartfield(Houston, TX)	Baton Rouge, LA	2-23-86
pole vault	15'0	Waldzimir 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 AMERICAN 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	4:21.5	Fred Morris(GB, BOSTON AA)	Lafayette, LA	4- 1-62
one mile	4:21.5	Laurie Ohara(GB)	Venice, CA	7- 3-73
two miles	9:07.4	Fred Morris(GB)	Sulphur, LA	4-17-62
three miles	14:23	Fred Morris(GB, BOSTON AA)	Hudson, MA	6-12-63
5000 meters	14:26.43	Wilson Waigwa(KEN)	Eugene, OR	8- 1-89
five 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 Morris(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
800 (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

