



INTERNATIONAL ATHLETICS ANNUAL 1971

The following lists have been drawn out from the "ATFS Annual 1971".

Revisited and adjourned from: Alain Bouillè (FRA), Jacques Carmelli (FRA), Tom Casacky (USA), György Csiki (HUN), Ljubisa Gajic (SER), Richard Hymans (GBR), Paul Jenès (AUS), Zbigniew Jonik (POL), Winfried Kramer (GER), Nejat Kök (TUR), Børre Lilloe (NOR), Gabriele Manfredini (ITA), Peter Matthews (GBR), Fletcher McEwen (AUS), Lionel Peters (GBR), Enzo Rivis (ITA), (CZE),

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1970 WORLD MEN LIST

100 YARDS (91.44 metres)

Willie McGee	USA	04 May 50	180/79	9.1	1.7	(1)s2	SWAC	Houston	8 May
Harrington Jackson	USA	09 May 47	180/75	A 9.2	0.0	(1)		El Paso	28 Mar
Mel Gray	USA	28 Sep 48	175/79	9.2	1.6	(1)h1	Drake R	Des Moines	24 Apr
John Carlos	USA	05 Jun 45	193/85	9.2	0.5	(1)	Penn R	Philadelphia	25 Apr
Robert Taylor	USA	14 Sep 48	185/82	9.2		(1)h	SWAC	Houston	8 May
McGee				9.2		(2)h	SWAC	Houston	8 May
Earl Harris	USA	20 Jul 48	183/80	9.2		(1)		Baton Rouge	9 May
Jim Green	USA	28 Sep 47	182/70	9.2	0.6	(1)s1	USTFF	Wichita	13 Jun
Ivory Crockett	USA	24 Aug 48	170/66	9.2	0.6	(2)s1	USTFF	Wichita	13 Jun
Harris				9.2	0.6	(3)s1	USTFF	Wichita	13 Jun
Doug Hawken	USA	31 Jan 49	183/77	9.2	0.6	(4)s1	USTFF	Wichita	13 Jun
Gerald Tinker	USA	19 Jan 51	180/77	9.3		(1)		Miami	1 Jan
Ben Vaughan	USA	07 Nov 48	180/80	9.3		(2)		Miami	1 Jan
Warren Edmonson	USA	27 Oct 50	175/66	9.3		(1)		Cupertino	21 Feb
Kirk Clayton	USA	04 Feb 47	180/68	9.3		(1)		Berkeley	14 Mar
Isaac Curtis	USA	20 Oct 48	186/88	9.3		(2)		Berkeley	14 Mar
Carlos				9.3		(1)	Kans R	Lawrence	18 Apr
Rockie Woods	USA	03 Mar 49	188/86	9.3		(1)		College Station	18 Apr
Robert Bradley	USA		48 178/68	9.3		(1)h		Plainview	24 Apr
Vaughan				9.3		(1)		San José	2 May
Clayton				9.3		(2)		San José	2 May
Taylor R.				9.3		(1)s1	SWAC	Houston	8 May
Mike Lindon	USA		48 178/70	9.3	1.7	(2)s2	SWAC	Houston	8 May
Willie Polk	USA	17 Jul 49	186/77	9.3	1.7	(3)s2	SWAC	Houston	8 May
Eddie Hart	USA	24 Apr 49	178/70	9.3	1.0	(1)h	Pac 8	West Los Angeles	15 May
Gray				9.3		(1)	Big 8	Lawrence	16 May
W Turner				9.3		(1)		West Los Angeles	16 May

Carlos					9.3	0.8	(1)		Orange	20 Jun
Crockett					9.3	0.0	(1)	AAU	Bakersfield	26 Jun
Vaughan					9.3	0.0	(2)	AAU	Bakersfield	26 Jun
Charlie Greene	USA	21 Mar	45	173/69	9.3	0.0	(3)	AAU	Bakersfield	26 Jun
Hart					9.3	0.0	(4)	AAU	Bakersfield	26 Jun
Taylor R.					9.3	0.0	(4)	AAU	Bakersfield	26 Jun

(32 performances)

Gary Eddy	AUS	26 Mar	45	183/76	9.4		(1)		Melbourne	24 Jan
Royce Ford	USA		50	185/77	9.4		(2)		Cupertino	21 Feb
Willie Harrison	USA		50	178/68	9.4		(1)		Fort Worth	28 Feb
Gene Pouncy	USA	04 Nov	50	183/82	9.4		(1)		Dallas	14 Mar
Albert Hearvey	USA	03 Feb	52	173/68	9.4		(1)		Fresno	21 Mar
Al Coffee	USA	04 Apr	50	178/75	9.4		(1)	LSU	Baton Rouge	28 Mar
Mike Fray	JAM	23 Sep	47	189/88	A 9.4		(2=)		El Paso	28 Mar
Fred Kuller	USA	28 Jun	45	188/77	9.4		(1)		Fullerton	4 Apr
Mike Goodrich	USA	17 May	48	175/70	9.4		(1)		Lexington	4 Apr
Leonard Peevy	USA		48	178/68	A 9.4		(1)		Logan	4 Apr

(30)

Randy Montgomery	USA	12 Sep	47	180/83	9.4	nwi	(1)		Las Vegas	11 Apr
Marvin Mills	USA	17 Jan	51	190/84	9.4		(2)		College Station	18 Apr
Reggie Robinson	USA	30 May	49	181/77	9.4	1.8	(1)		Los Angeles	25 Apr
Ronnie Welch	USA	31 May	51	176/76	9.4	1.8	(3)		Los Angeles	25 Apr
Sylvester McKinney	USA				9.4		(1)		Monroe	2 May
Marcus Mitchell	USA	07 Jan	51	170/72	9.4		()	SWAC	Houston	8 May
Thomas Hill	USA	17 Nov	49	188/75	9.4		(1)	Southland CCh	Abilene	9 May
Andy Hopkins	USA	19 Oct	49	178/85	9.4		(2)	Lone Star CCh	Alpine	9 May
James Stewart	USA		49	180/70	9.4		(1)		Durham	12 May
Paul Gibson	USA	20 Jun	48	190/88	A 9.4		(1)h2	WAC	Salt Lake City	15 May

(40)

John Holbrook	USA	27 May	49	178/78	A 9.4		(3)	WAC	Salt Lake City	15 May
Clyde Glosson	USA	22 Jan	47	185/78	A 9.4		(2)	WAC	Salt Lake City	16 May
Herb Brown	USA	12 May	45		A 9.4		(1=)		South Lake Tahoe	23 May
Robert Riefer	USA		48	178/70	A 9.4		(1=)		South Lake Tahoe	23 May
Herb Washington	USA	16 Nov	50	185/75	9.4		(1)		Bloomington	5 Jun
Eugene Thomas	USA	31 Mar	50	188/74	A 9.4		(2)	NAIA	Billings	5 Jun
Willie Turner	USA	14 Oct	48	183/77	9.4	1.7	(2)s1	NCAA	Des Moines	19 Jun
Willie Deckard	USA	03 Jan	51	180/65	9.4	0.8	(2)		Orange	20 Jun
Chuck Smith	USA	12 Mar	48	185/77	9.4	0.0	(3)h2	AAU	Bakersfield	26 Jun

Edwin Roberts	TRI	12 Aug 41	173/70	9.4	(1)	Washington	27 Jun
	(50)						
Delano Meriwether	USA	23 Apr 43	187/72	9.4	()	Baltimore	26 Jul

(51 performers)

Questionable times

Jackie Anderson	USA	48	178/68	9.4	()		
Wilson Haynes	USA			9.4	()		
Bernard Savage	USA			9.4	()		
Errol Stewart	JAM	02 Mar 50	167/66	9.4	()	Quantico	9 May
Stanley Allotey	GHA	14 Nov 42	171/67	9.4	()		
Kevin Johnson	USA			9.4	()		

WIND ASSISTED

McGee				9.1	2.5	(1)	SWAC	Houston	9 May
Robert Taylor	USA	14 Sep 48	185/82	9.1	2.5	(2)	SWAC	Houston	9 May
Mel Gray	USA	28 Sep 48	175/79	9.1	5.3	(1)h2	Big 8	Lawrence	15 May
Jim Green	USA	28 Sep 47	182/70	9.1	3.5	(1)	USTFF	Wichita	13 Jun
Jesse Johnson	USA	48	178/68	A 9.2	13.8	(1)		Albuquerque	11 Apr
Gary Symonds (aka - Rocky Thompson)	BER	08 Nov 47	180/91	9.2		(1)		Canyon, TX	18 Apr
Kirk Clayton	USA	04 Feb 47	180/68	9.2		(1)		San José	18 Apr
Symonds				9.2		(1)		Canyon, TX	7 May
Taylor				9.2		(1)		Pasadena	30 May
Herb Washington	USA	16 Nov 50	185/75	9.2		(1)s2	USTFF	Wichita	13 Jun
Mickey Mathews	USA	03 Jun 47	170/68	9.2		(2)s2	USTFF	Wichita	13 Jun
Bob Dudley	USA	18 Oct 49	170/68	9.2		(3)s2	USTFF	Wichita	13 Jun
Washington				9.2	3.5	(2)	USTFF	Wichita	13 Jun
Rey Robinson	USA	10 Apr 52	183/66	9.2	2.9	(1)		Sacramento	20 Jun
Willie Turner	USA	14 Oct 48	183/77	9.3		(1)		Santa Maria	24 Mar
Gray				9.3	2.8	(1)s2	Tex R	Austin	3 Apr
Carlos				9.3		(1)		San José	4 Apr
Albert Hughes	USA	47	178/68	9.3		(1)		Wichita	11 Apr
Preston Carrington	USA	12 Jun 49	183/70	9.3		(2)		Wichita	11 Apr
Vince Ludd	USA	48	183/68	A 9.3	13.8	(2)		Albuquerque	11 Apr
Gray				9.3	3.6	(1)h4	Kans R	Lawrence	17 Apr

Willie Harrison	USA		50	178/68	9.3			(1)h		Hobbs	17 Apr
Bradley					9.3			(2)		Canyon, TX	18 Apr
Bradley					9.3			(1)		Plainview	24 Apr
R Taylor					9.3			(1)		Dallas	2 May
Zach Rodgers	USA		48	178/75	9.3			(1)h2		Quantico	2 May
Turner					9.3			(1)		Eugene	2 May
Harold Porter	USA	06 Jul	52	188/75	9.3			(1)		Shreveport	8 May
Woods					9.3			(1)s		Houston	8 May
Polk					9.3	2.5		(3)	SWAC	Houston	9 May
Jack Phillips	USA	12 Apr	48	178/68	9.3	2.5		(4)	SWAC	Houston	9 May
John Bramer					9.3			(1)		Petersburg, VA	9 May
James Carter	USA		52	175/66	9.3			(1)h		Wichita	15 May
Harris					9.3	2.7		(1)h1	Big 8	Lawrence	15 May
Mathews					9.3	5.3		(2)h2	Big 8	Lawrence	15 May
Don Quarrie	JAM	25 Feb	51	175/70	9.3	5.3		(3)h2	Big 8	Lawrence	15 May
R Taylor					9.3			(1)			16 May
Crockett					9.3			(1)		Charleston	23 May
Edmonson					9.3	4.1		(1)	Cal R	Modesto	23 May
Taylor					9.3			(1)h		Pasadena	30 May
Polk					9.3			(2)		Pasadena	30 May
Crockett					9.3			(1)h1	USTFF	Wichita	12 Jun
Green					9.3			(1)h2	USTFF	Wichita	12 Jun
Harris					9.3			(2)h2	USTFF	Wichita	12 Jun
Mathews					9.3			(1)h4	USTFF	Wichita	12 Jun
Crockett					9.3	3.5		(3)	USTFF	Wichita	13 Jun
Harris					9.3	3.5		(4)	USTFF	Wichita	13 Jun
Mathews					9.3	3.5		(5)	USTFF	Wichita	13 Jun
Glen Love	USA	14 Jul	52	180/77	9.3	2.9		(2)		Sacramento	20 Jun
Lee Lewis	USA	18 Feb	52	170/68	9.4			()		Houston	28 Feb
Reuben Smith	USA				9.4			()		Santa Maria	24 Mar
Kent Merritt	USA	06 Dec	51	183/82	9.4			()		Charlottesville	28 Mar
Lorenzo Johnson	USA				9.4			()		Fresno	10 Apr
Jesse Cleare	USA				A 9.4			()		Albuquerque	11 Apr
Billy Porter	USA				9.4			(2)		Hobbs	17 Apr
Gary Goodin	USA				9.4			(3)		Canyon, TX	18 Apr
J.T.Hollins	USA	29 Nov	53	186/77	9.4			()		Lewisville	18 Apr
Greg Graham	USA				9.4			(1)		Wilburton	22 Apr
Bill Warner	USA				9.4			(1)		Shawnee Mission	27 Apr
Jerry Owens	USA				9.4			(1)		Baton Rouge	30 Apr
Enos Hicks	USA				9.4			(2)		Baton Rouge	30 Apr

Ernie Smith	USA	13 Jan 42	183/77	9.4		()	Eugene	2 May
Norbert Payton	USA	16 Jan 49	172/63	9.4		()	Pullman	2 May
Ed Hammonds	USA		50	9.4		()	Memphis	2 May
Condie Pugh	USA	16 Mar 50	180/85	9.4		(1)	Quantico	2 May
Jeff Horsley	USA		50	186/93	9.4	(2)s2	Quantico	2 May
Robert Salesbury	USA			9.4		(2)	Shreveport	8 May
Levine Burgess	USA			9.4		(1)	Washington	20 May
Stan Patterson	USA			9.4		(2)	Charleston	23 May
Cliff Branch	USA	17 Jul 49	176/75	9.4		(3)h1 USTFF	Wichita	12 Jun
Len Turner	USA		51	178/72	9.4	(4)h2 USTFF	Wichita	12 Jun
Scottie Hendricks	USA			9.4		(1)h3 USTFF	Wichita	12 Jun
Ralph Ligons	USA		50	178/68	9.4	2.9 (3)	Sacramento	20 Jun
Ed Jones	USA		52	175/64	9.4	2.9 (4)	Sacramento	20 Jun
Mark Lutz	USA	23 Dec 51	178/68	9.4	2.9	(5)	Sacramento	20 Jun
Marshall Dill	USA	09 Aug 52	190/90	9.4		(1)h1	Bowling Green	31 Jul
Wilson Morris	USA			9.4		(2)h1	Bowling Green	31 Jul

Times on one watch

Willie Harrison	USA		50	178/68	9.1		(1)	Levelland	21 Nov
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100 METRES (109.36 yards)

Gert Metz	FRG	07 Feb 42	176/74	10.0	1.8	(1)	Burg Gretesch	6 Sep
Hermes Ramírez	CUB	07 Jan 48	178/66	10.1		(1)h	La Habana	16 Jan
Ben Vaughan	USA	07 Nov 48	180/80	10.1	0.5	(1) CISM	Viareggio	13 Jun
Charlie Greene	USA	21 Mar 45	173/69	10.1	0.5	(2) CISM	Viareggio	13 Jun
Siegfried Schenke	GDR	06 May 43	180/68	10.1	0.3	(1) NCh	Erfurt	3 Jul
Franz-Peter Hofmeister	FRG	05 Aug 51	184/73	10.1	1.8	(2)	Burg Gretesch	6 Sep
Manfred Knickenberg	FRG	26 Aug 37	176/70	10.1	1.8	(3)	Burg Gretesch	6 Sep
Klaus Ehl	FRG	16 Aug 49	188/77	10.1	1.8	(4)	Burg Gretesch	6 Sep
Pablo Montes	CUB	23 Nov 45	184/81	10.1	0.0	(1) Int Ch	Bucuresti	12 Sep
Montes				10.2		(1)	La Habana	24 Jan
Montes				10.2	1.4	(1) CAC G	Ciudad de Panamá	2 Mar
Ramirez				10.2	1.4	(2) CAC G	Ciudad de Panamá	2 Mar
Greene				10.2		(1)	Geelong	10 Mar
Kirk Clayton	USA	04 Feb 47	180/68	10.2	1.9	(1) MSR	Walnut	25 Apr
Willie Turner	USA	14 Oct 48	183/77	10.2	1.9	(2) MSR	Walnut	25 Apr
Artwell Mandaza	RHO	04 Jan 46		A 10.2		(1)	Welkom	2 May

Tibor Farkas	HUN	01 Jan 48	180/72	10.2	0.0	(1)		Budapest	9 May
Günter Nickel	FRG	24 Mar 46	184/78	10.2		(1)		Bad Honnef	10 May
Ennio Preatoni	ITA	11 Dec 44	182/73	10.2	1.3	(1)	v ESP	Madrid	30 May
Zenon Nowosz	POL	06 Feb 44	183/72	10.2		(1)	Kusoc	Warszawa	19 Jun
Gennadiy Zaytsev	URS	03 Sep 50	173/73	10.2		(1)		Zaporozhye	20 Jun
Philippe Clerc	SUI	24 Dec 46	175/59	10.2	-0.5	(1)r4	WK	Zürich	3 Jul
Greene				10.2		(1)		Eschweiler	10 Jul
Clarence Ray	USA	16 May 45	178/64	10.2		(1)		Windsor, Ont	10 Jul
Greene				10.2		(1)		Leuven	13 Jul
Greene				10.2		(1)		Innsbruck	14 Jul
Greene				10.2		(1)		Südstadt (Wien)	18 Jul
Greene				10.2		(1)		Mainz	19 Jul
Greene				10.2		(1)		Maastricht	22 Jul
Turner				10.2		(1)		Moskva	26 Jul
Nowosz				10.2		(1)	EP/Sf	Helsinki	1 Aug
Vassilios Papageorgopoulos	GRE	27 Jun 47	180/75	10.2	0.3	(1)	v ITA B	Athiná	1 Aug
Eddie Hart	USA	24 Apr 49	178/70	10.2	0.0	(1)		Köln	11 Aug
Ivica Karasi	YUG	13 Apr 45	181/71	10.2	0.5	(1)	Balk G	Bucuresti	14 Aug
Vaughan				10.2		(1)		Blankenberge	14 Aug
Vladislav Sapeya	URS	11 Jun 43	175/73	10.2		(1)		Moskva	20 Aug
Aleksandr Zhidkikh	URS	23 Jan 51	180/75	10.2		(1)		Minsk	20 Aug
Fernando Acevedo	PER	26 Jul 46	176/65	10.2		(1)	Boliv	Maracaibo	30 Aug
Roger Bambuck	FRA	22 Nov 45	180/68	10.2		(1)		Herouville	5 Sep
Metz				10.2		(1)h		Burg Gretesch	6 Sep
Manfred Letzelter	FRG	18 Aug 40	176/73	10.2		(5)		Burg Gretesch	6 Sep
Bárbaro Bandomo	CUB	04 Dec 50	176/73	10.2	0.0	(2)	Int Ch	Bucuresti	12 Sep
José Triana Matamoros	CUB	30 Nov 48	168/70	10.2	0.0	(3)	Int Ch	Bucuresti	12 Sep
Alain Sarteur	FRA	17 Jun 46	178/74	10.2	0.0	(4)	Int Ch	Bucuresti	12 Sep
Montes				10.2		(1)		Barcelona	26 Sep
Letzelter				10.2	1.2	(1)		Giessen	30 Sep
Montes				10.2		(1)		La Habana	31 Oct
Russ Hodge	USA	09 Sep 39	190/100	10.2		(D)		Los Angeles	11 Dec

(48 performances)

Germán Solis	CUB	11 Oct 49		10.3		(1)h		La Habana	16 Jan
Eric Bigby	AUS	06 Mar 40	185/80	10.3		(1)		Sydney	17 Jan
Izak van Zyl	RSA	01 Dec 42	186/80	A 10.3		(1)		Bethlehem	17 Jan
Nikolay Zaytsev	URS	46		10.3		(1)h		Nalchik	5 Apr
Viktor Kirilenko	URS	01 Nov 44		10.3		(1)		Nalchik	5 Apr

Juris Silovs	URS	30 Aug 50	178/79	10.3		(2)		Nalchik	5 Apr
Boris Izmestyev	URS	15 Jan 51	173/71	10.3		(1)		Simferopol	6 Apr
Fred Kuller	USA	28 Jan 45	188/77	10.3	1.9	(3)	MSR	Walnut	25 Apr
Nikolay Trusov	URS	01 Jan 49	181/74	10.3		(1)		Odessa	26 Apr
(40)									
Motsapi Moorosi	LES	04 May 45	170/62	A 10.3		(2)		Welkom	2 May
Georgi Yovchev	BUL	04 May 46		10.3		(1)		Sofia	9 May
Vladimir Atamas	URS	15 Jul 50	181/76	10.3		(1)h		Kharkov	18 May
Viktor Boguta	URS	49		10.3		(1)h		Kharkov	18 May
Adalbert Darvas	ROU	02 May 50	175/62	10.3	2.0	(1)		Bucuresti	23 May
Hans-Joachim Zenk	GDR	03 Jun 52	175/65	10.3		(1)		Erfurt	23 May
José Luis Sánchez Paraiso	ESP	21 Jul 42	170/70	10.3	1.3	(2)	v ITA	Madrid	30 May
Claudio Cialdi	ITA	10 May 47	170/60	10.3	1.3	(3)	v ESP	Madrid	30 May
Alberto Marchan	VEN	29 Apr 47	178/72	10.3		(1)		Caracas	31 May
Gerard Fenouil	FRA	23 Jun 45	177/72	10.3		(1)h1		Barcelona	3 Jun
(50)									
Don Quarrie	JAM	25 Feb 51	173/70	10.3		(1)		Kingston	6 Jun
Mike Fray	JAM	23 Sep 47	189/88	10.3		(2)		Kingston	6 Jun
Hans-Jürgen Bombach	GDR	11 Aug 45	183/75	10.3		(1)		Berlin	6 Jun
Lothar Krohn	GDR	02 Jul 50	193/79	10.3		(1)		Pasewalk	6 Jun
Masahide Jinno	JPN	07 Aug 48	174/72	10.3		(1)		Odawara	7 Jun
John Swainson	CAN	51		10.3		(1)		Hamilton, Ont.	9 Jun
Jobst Hirscht	FRG	19 Jul 48	174/65	10.3		(1)		Goppingen	10 Jun
Edesel Garrison	USA	17 Aug 50	186/84	10.3	0.0	(1)		Walnut	12 Jun
Ludvík Bohman	CSR	02 Dec 46	176/65	10.3		(1)		Banská Bystrica	13 Jun
Gerard Gramse	POL	18 Aug 44	179/71	10.3		(1)		Poznan	13 Jun
(60)									
Reto Diezi	SUI	03 Mar 49	194/86	10.3		(1t)		Zürich	14 Jun
Stanislaw Wagner	POL	11 Nov 47	165/63	10.3		(1)h3	Kusoc	Warszawa	19 Jun
Nikolay Kuzhukin	URS	23 May 48		10.3		(1)		Yerevan	19 Jun
Gaoussou Koné	CIV	28 Apr 44	177/68	10.3		(2)		Lyon	20 Jun
Walter Linder	FRG	27 Dec 50	179/78	10.3	1.1	(1)		Nurtingen	21 Jun
Vladimir Rusakov	URS	44		10.3		(1)		Tuymen	21 Jun
Aleksandr Kornelyuk	URS	28 Jun 50	165/64	10.3		(1)	Znam	Kyiv	2 Jul
Edwin Roberts	TRI	12 Aug 41	173/70	10.3	-0.5	(3)r4	WK	Zürich	3 Jul
Yuriy Mayevskiy	URS	10 Jan 48		10.3		(1)		Sverdlovsk	5 Jul
Tom Randolph	USA	04 Jan 42	180/73	10.3		(3)		Windsor, Ont	10 Jul
(70)									
Juan Carlos Jones	ESP	24 Aug 47	175/70	10.3		(1)s		Madrid	12 Jul
Josef Schwarz	FRG	20 May 41	182/70	10.3		(1)		München	12 Jul

Juraj Demec	CSR	29 Jan 45	179/70	10.3		(1)		Plzen	19 Jul	
Robert Taylor	USA	14 Sep 48	185/82	10.3		(2)		Moskva	26 Jul	
Valeriy Borzov	URS	20 Oct 49	183/79	10.3	-3.2	(1)	EP/Sf	Zürich	1 Aug	
Gheorghe Zamfirescu	ROU	18 Mar 42	176/74	10.3		(1)		Bucuresti	2 Aug	
Yevgeniy Sinyayev	URS	25 Aug 48	178/69	10.3		(1)		Bryansk	2 Aug	
Pablo Gonzáles	CUB	29 Jan 53		10.3		(1)h		Cimpulung Muscel	7 Aug	
Pablo Bandomo	CUB	22 Jun 52	168/69	10.3		(2)		Cimpulung Muscel	7 Aug	
Yuriy Kashkarev	URS	24 Oct 46		10.3		(1)		Kyiv	14 Aug	
(80)										
Viktor Stupak	URS	10 May 47		10.3		(1)s		Leningrad	16 Aug	
Boris Savchuk	URS	09 Aug 43	187/83	10.3		(1)		Leningrad	16 Aug	
Aleksandr Lebedev	URS	11 Apr 46	179/66	10.3		(2)		Moskva	20 Aug	
Leonid Mikishev	URS	16 Oct 46	180/70	10.3		(3)		Moskva	20 Aug	
Sergey Abalikhin	URS	29 Jul 46	179/68	10.3		(2)		Minsk	20 Aug	
Yuriy Semyonenko	URS	27 May 48		10.3		(3)		Minsk	20 Aug	
Arquimedes Herrera	VEN	08 Aug 35	178/76	10.3		(1)h	Boliv	Maracaibo	29 Aug	
Willie Deckard	USA	03 Jan 51	180/65	10.3		(3)		Warszawa	3 Sep	
Vladimir Dedyaykin	URS	16 Oct 46		10.3		(1)		Kyiv	5 Sep	
Marian Dudziak	POL	02 Feb 41	181/81	10.3		(1)		Warszawa	5 Sep	
(90)										
Johannes Brühl	FRG	23 Jun 51	177/67	10.3	1.8	(1)		Königswinter	9 Sep	
Ulrich Köwring	FRG	05 Nov 49	179/69	10.3	1.8	(2)		Königswinter	9 Sep	
Raimo Vilén	FIN	10 Aug 45	181/75	10.3	1.8	(1)		Vuosaari	9 Sep	
Martin Reynolds	GBR	22 Feb 49	185/74	10.3	0.2	(1)	v POL	Warszawa	12 Sep	
Samuel Bugri	GHA	02 Apr 43	180/70	10.3		(1)		Sarajevo	13 Sep	
Eckart Brieger	FRG	10 Feb 45	186/82	10.3		(1)h		Bensheim	19 Sep	
Hermann Burde	GDR	19 Feb 43	180/75	10.3	1.3	(1)		Jena	19 Sep	
Josef Celis	CSR	11 Jan 44	176/68	10.3		(1)		Plzen	22 Sep	
Santiago Sanjurjo	PUR			10.3		(1)		Toa Baja	18 Dec	
Guillermo Gonzalez	PUR	15 Jan 50	180/71	10.3		(2)		Toa Baja	18 Dec	

(100 performers)

Rolling start

Fabrizio Pusterla	SUI	03 Dec 53	184/67	10.2	-1.3	(1)r1	WK	Zürich	3 Jul	10.48
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AUTOMATIC TIMING

Pablo Montes	CUB	23 Nov 45	184/81	10.24	1.4	(1)	CAC G	Ciudad de Panamá	2 Mar
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Hermes Ramírez	CUB	07 Jan 48	178/66	10.28	1.4	(2)	CAC G	Ciudad de Panamá	2 Mar
Gert Metz	FRG	07 Feb 42	176/74	10.34	0.2	(1)h3	NCh	Berlin	7 Aug
Gerhard Wucherer	FRG	11 Feb 48	174/70	10.37	0.2	(1)s1	NCh	Berlin	7 Aug
Metz				10.38	0.0	(1)s3	NCh	Berlin	7 Aug
Wucherer				10.40	0.4	(1)h1	NCh	Berlin	7 Aug
Jobst Hirscht	FRG	19 Jul 48	174/65	10.40	0.8	(1)s2	NCh	Berlin	7 Aug
Ludvík Bohman	CSR	02 Dec 46	176/65	10.40		(1)		Warszawa	3 Sep
Alain Sarteur	FRA	17 Jun 46	178/74	10.41		(2)		Warszawa	3 Sep
Philippe Clerc	SUI	24 Dec 46	175/59	10.42	-0.5	(1)r4	WK	Zürich	3 Jul
Eckart Brieger	FRG	10 Feb 45	186/82	10.43	0.8	(2)s2	NCh	Berlin	7 Aug
Günter Nickel	FRG	24 Mar 46	184/78	10.43	0.0	(2)s3	NCh	Berlin	7 Aug
Mike Fray	JAM	23 Sep 47	189/88	10.45	1.4	(3)	CAC G	Ciudad de Panamá	2 Mar
Manfred Letzelter	FRG	18 Aug 40	176/73	10.47	1.1	(1)h4	NCh	Berlin	7 Aug
Roger Bambuck	FRA	22 Nov 45	180/68	10.47		(4)		Warszawa	3 Sep
Hirscht				10.48	0.2	(2)h3	NCh	Berlin	7 Aug
Nickel				10.48	1.1	(2)h4	NCh	Berlin	7 Aug
Letzelter				10.48	0.8	(3)s2	NCh	Berlin	7 Aug
Fabrizio Pusterla	SUI	03 Dec 53	184/67	10.48	-1.3	(1)r1	WK	Zürich	3 Jul
Metz				10.49	0.2	(1)h3	NCh	Berlin	7 Aug
Zenon Nowosz	POL	06 Feb 44	183/72	10.50		(1)	EP/Sf	Helsinki	1 Aug
Klaus-Dieter Bieler	FRG	05 Jan 49	184/77	10.50	0.0	(3)s3	NCh	Berlin	7 Aug
Karl-Heinz Klotz	FRG	10 Mar 50	187/77	10.51	0.2	(2)s1	NCh	Berlin	7 Aug
Günter Rudolph	FRG	01 Feb 44	182/73	10.51	0.8	(4)s2	NCh	Berlin	7 Aug
Anders Faager	SWE	03 Apr 47	186/76	10.51		(1)	NCh	Växjö	16 Aug
Reinhard Borchert	FRG	24 Mar 48	183/81	10.52	0.2	(3)s1	NCh	Berlin	7 Aug
Franz Rainer Kallnick	FRG	22 Jun 44	172/68	10.52	0.0	(4)s3	NCh	Berlin	7 Aug
Walter Linder	FRG	27 Dec 50	179/78	10.53	0.7	(1)h5	NCh	Berlin	7 Aug
Gernot Hirscht	FRG	22 Sep 42	182/76	10.53	0.0	(5)s3	NCh	Berlin	7 Aug
Nickel				10.53	1.1	(1)	NCh	Berlin	8 Aug
Linder				10.54	0.2	(4)s1	NCh	Berlin	7 Aug
Rudolph				10.55	0.4	(2)h1	NCh	Berlin	7 Aug
Heinz Rienecker	FRG	20 Jul 46	179/74	10.55	0.7	(2)h5	NCh	Berlin	7 Aug
Kallnick				10.56	0.4	(3)h1	NCh	Berlin	7 Aug
Hartmut Strempel	FRG	20 May 43	184/75	10.56	0.2	(5)s1	NCh	Berlin	7 Aug
Karl-Peter Schmidtke	FRG	16 Dec 45	171/67	10.56	0.0	(6)s3	NCh	Berlin	7 Aug
Klotz				10.57	0.4	(4)h1	NCh	Berlin	7 Aug
Hirscht				10.57	0.7	(3)h5	NCh	Berlin	7 Aug
Hannes Kleespiess	FRG	20 Nov 48		10.57	0.2	(6)s1	NCh	Berlin	7 Aug
Schmidtke				10.58	0.4	(5)h1	NCh	Berlin	7 Aug
Borchert				10.60	1.1	(3)h4	NCh	Berlin	7 Aug

Rienecker				10.60	0.8	(5)s2	NCh	Berlin	7 Aug
Brieger				10.62	1.5	(1)h2	NCh	Berlin	7 Aug
Klaus Ehl	FRG	16 Aug 49	188/77	10.64	0.2	(7)s1	NCh	Berlin	7 Aug
Kleespiess				10.65	0.2	(3)h3	NCh	Berlin	7 Aug
Dieter Jurkschat	FRG	24 Apr 47		10.65	1.1	(4)h4	NCh	Berlin	7 Aug
Ehl				10.65	0.7	(4)h5	NCh	Berlin	7 Aug
Manfred Knickenberg	FRG	26 Aug 37	176/70	10.66	0.2	(4)h3	NCh	Berlin	7 Aug
Jürgen Schwarz	FRG	28 Feb 48		10.66	0.2	(5)h3	NCh	Berlin	7 Aug
Horst Schiebe	FRG	26 Sep 48		10.66	1.1	(4)h4	NCh	Berlin	7 Aug
Knickenberg				10.66	0.8	(6)s2	NCh	Berlin	7 Aug
Bieler				10.68	1.5	(2)h2	NCh	Berlin	7 Aug
Klaus-Dieter Jahn	FRG	04 May 46		10.69	0.7	(5)h5	NCh	Berlin	7 Aug
Schiebe				10.69	0.0	(7)s3	NCh	Berlin	7 Aug

Incomplete result

Willie Deckard	USA	03 Jan 51	180/65	10.4x		(3)		Warszawa	3 Sep
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WIND ASSISTED

Pablo Montes	CUB	23 Nov 45	184/81	9.9	7.5	(1)s1	CAC G	Ciudad de Panamá	1 Mar
Artwell Mandaza	RHO	04 Jan 46		A 9.9		(1)		Welkom	2 May
Montes				10.0	6.5	(1)h2	CAC G	Ciudad de Panamá	1 Mar
John Carlos	USA	05 Jun 45	193/85	10.0	3.1	(1)	Cal R	Modesto	23 May
Ben Vaughan	USA	07 Nov 48	180/80	10.0	3.4	(1)	v FRG	Stuttgart	15 Jul
Hugo Fernandes Mendes	SUR	51		10.0	5.0	(1)		Willemstad	4 Aug
Gary Eddy	AUS	26 Mar 45	183/76	10.1		(1)h1		Melbourne	26 Jan
Greg Lewis	AUS	09 Dec 46	177/76	10.1		(1)		Melbourne	26 Jan
Ramirez				10.1	3.5	(1)s2	CAC G	Ciudad de Panamá	1 Mar
André van Heerden	RSA	01 Oct 48		A 10.1	6.4	(1)		Johannesburg	21 Mar
Hans-Jürgen Bombach	GDR	11 Aug 45	183/75	10.1	2.3	(1)		Berlin	7 May
William Dralu	UGA	05 Jun 47	183/73	A 10.1		(1)		Kampala	16 May
(10)									
Carlos				10.1		(1)	King	Villanova	16 May
Romain Roels	BEL	09 Mar 49		10.1		(1)		Courtrai	17 May
Norman Chihota	TAN	25 Aug 47	175/69	A 10.1		(1)		Arusha	24 May
Greene				10.1	2.8	(1)		Rotterdam	5 Jul
Ivory Crockett	USA	24 Aug 48	170/66	10.1	3.4	(2)	v FRG	Stuttgart	15 Jul
Gerard Fenouil	FRA	23 Jun 45	177/72	A 10.1	3.9	(1)r1		Font-Romeu	9 Aug
Eckart Brieger	FRG	10 Feb 45	186/82	10.1		(1)		Gelnhausen	5 Sep

Ramirez					10.2	3.2	(1)h1	CAC G	Ciudad de Panamá	1 Mar
Mike Frey	JAM	23 Sep 47	189/88		10.2	7.5	(2)s1	CAC G	Ciudad de Panamá	1 Mar
Motsapi Moorosi	LES	04 May 45	170/62	A	10.2		(2)s		Welkom	2 May
Walter Linder	FRG	27 Dec 50	179/78		10.2	4.0	(1)		Sindelfingen	7 May
Amos Omolo	UGA	09 Mar 37	178/74	A	10.2		(2)		Kampala	16 May
Greene					10.2		(2)	King	Villanova	16 May
Ian Green	GBR	13 Jan 46	174/67		10.2	2.9	(1)		Loughborough	20 May
(20)										
Jean Louis Ravelomanantsoa	MAD	30 Mar 43	168/65		10.2	3.9	(1)h2	Cal R	Modesto	23 May
Doug Hawken	USA	31 Jan 49	178/77		10.2	3.4	(1)h3	Cal R	Modesto	23 May
Vaughan					10.2	3.1	(2)	Cal R	Modesto	23 May
Klaus-Dieter Bieler	FRG	05 Jan 49	184/77		10.2		(1)h		Hamburg	17 Jun
Sami Ahmed Al-Sheikly	IRQ		46		10.2		(1)		Saarijärvi	20 Jun
Robert Taylor	USA	14 Sep 48	185/82		10.2	3.4	(3)	v FRG	Stuttgart	15 Jul
Eric Bigby	AUS	06 Mar 40	185/80		10.2	5.3	(1)h1	Comm G	Edinburgh	17 Jul
Gary Symonds	BER	08 Nov 47	180/91		10.2	6.0	(1)h6	Comm G	Edinburgh	17 Jul
Don Quarrie	JAM	25 Feb 51	173/70		10.2	3.4	(1)q2	Comm G	Edinburgh	17 Jul
Eddy					10.2	6.9	(1)q3	Comm G	Edinburgh	17 Jul
Lennox Miller	JAM	08 Oct 46	183/79		10.2	5.9	(1)q4	Comm G	Edinburgh	17 Jul
Quarrie					10.2	4.7	(1)s2	Comm G	Edinburgh	18 Jul
Quarrie					10.2	3.6	(1)	Comm G	Edinburgh	18 Jul
René Metz	FRA	18 Dec 50	182/75	A	10.2	3.9	(2)		Font-Romeu	9 Aug
(30)										
Patrick Bourbeillon	FRA	24 Mar 47	175/74	A	10.2	3.9	(3=)			9 Aug
Juan Carlos Jones	ESP	24 Aug 47	175/70	A	10.2	3.9	(3=)		Font-Romeu	9 Aug
Karasi					10.2	3.4	(1)h1		Bucuresti	14 Aug
Jarkko Tapola	FIN	05 May 44	180/80		10.2	5.6	(1)		Lahti	8 Sep
Charles Francis	CAN	13 Oct 48	185/81	A	10.2		(1)		Winnipeg	12 Sep
Jorge Floranus	AHO	26 Nov 46			10.2		()		Curaçao	27 Sep
Neil Schultz	RSA		45		10.3		(1)		East London	24 Jan
Graham Haskell	AUS	03 Aug 48			10.3		(2)h1		Melbourne	26 Jan
Bruce Weatherlake	AUS	13 Apr 50			10.3		()			
Carl Edmund	PAN		47		10.3	6.5	(2)h1	CAC G	Ciudad de Panamá	1 Mar
Hasely Crawford	TRI	16 Aug 50	190/87		10.3	7.5	(3)s1	CAC G	Ciudad de Panamá	1 Mar
(40)										
Bernard Devillon	FRA	25 Apr 46	179/70		10.3		(1)		Paris	25 Apr
Charly Roubaud	FRA	23 Jan 48			10.3	7.0	(1)		Draguignan	26 Apr
Mendy Djite	SEN		44		10.3	7.0	(2)		Draguignan	26 Apr
Ian Turnbull	GBR	05 Aug 48			10.3		(2)		Courtrai	17 May
Norbert Payton	USA	16 Jan 49	172/63		10.3	3.4	(2)h3	Cal R	Modesto	23 May

Stanley Allotey	GHA	14 Nov 42	171/67	10.3	3.4	(3)h3	Cal R	Modesto	23 May
Thomas Jordan	FRG	15 Mar 49	179/67	10.3		(1)r3		Schwetzingen	30 May
Aadrian de Jong	NED	07 Sep 46		10.3		(1)			May
Gerhard Wucherer	FRG	11 Feb 48	174/70	10.3	3.4	(5)	v USA	Stuttgart	15 Jul
Bohumil Techlovský	CSR	24 Feb 53		10.3		(1)		Praha	15 Jul

(50)

Donald Halliday	GBR	16 Jun 47	173/73	10.3	6.0	(2)h6	Comm G	Edinburgh	17 Jul
Kolawole Abdulai	NGR	22 Jul 47	172/66	10.3	5.0	(1)h7	Comm G	Edinburgh	17 Jul
George Daniels	GHA	08 Mar 50	170/73	10.3	4.3	(1)h8	Comm G	Edinburgh	17 Jul
Errol Stewart	JAM	02 Mar 50	167/66	10.3	6.2	(1)q1	Comm G	Edinburgh	17 Jul
Benedict Majekodunmi	NGR	12 Jan 40	175/66	10.3	6.9	(2)q3	Comm G	Edinburgh	17 Jul
Horst Schiebe	FRG	26 Sep 48		10.3		(1)h		Mainz	19 Jul
Jacques Carette	FRA	01 Mar 47	176/63	A 10.3	4.7	(1)r2		Font-Romeu	9 Aug
Aadrian van Boekel	NED	14 Oct 46		10.3		(1)		Vlaardingen	16 Aug
Wolfgang Gutenschwager	GDR	24 Feb 48	180/76	10.3		(1)h		Berlin	6 Sep
Jörg Pfeiffer	GDR	19 Mar 52	177/66	10.3		()h		Berlin	6 Sep

(60)

Klaus Hauke	GDR	01 Mar 46	179/68	10.3		()h		Berlin	6 Sep
Jürgen Schubert	GDR	06 Jul 47		10.3		()h		Berlin	6 Sep
Christian Tourret	FRA	20 Sep 46	180/70	10.3		(1)		Châtillon/Bagneux	4 Oct
Hendrik Pretorius	RSA	17 Oct 42		A 10.3		(1)		Welkom	10 Oct
Boris Stcherbina	AUS	18 Aug 48		10.3		(1)		Sydney	14 Nov
Etienne de Beer	RSA		51	A 10.3		(1)		Pretoria	28 Nov

(66 performers)

Doubtful timing

Antonin Havlicek	CSR	07 May 49		10.3		(1)		Milevsko	26 Sep
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Whit wind (handicap race, from scratch)

Les Piggot	GBR	11 May 42	180/70	10.3		(1)		Airdrie	30 May
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Professional (+ during 120 yards race)

George McNeill	GBR	19 Feb 47		10.2+		(1)		Edinburgh	28 Aug
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AUTOMATIC TIMING - WIND ASSISTED

Pablo Montes	CUB	23 Nov 45	184/81	9.93	7.5	(1)s1	CAC G	Ciudad de Panamá	1 Mar
Mike Frey	JAM	23 Sep 47	189/88	10.24	7.5	(2)s1	CAC G	Ciudad de Panamá	1 Mar
Don Quarrie	JAM	25 Feb 51	173/70	10.24	3.6	(1)	Comm G	Edinburgh	18 Jul
Gary Symonds	BER	08 Nov 47	180/91	10.25	6.0	(1)h6	Comm G	Edinburgh	17 Jul
Gary Eddy	AUS	26 Mar 45	183/76	10.25	6.9	(1)q3	Comm G	Edinburgh	17 Jul
Lennox Miller	JAM	08 Oct 46	183/79	10.27	5.9	(1)q4	Comm G	Edinburgh	18 Jul
Eric Bigby	AUS	06 Mar 40	185/80	10.29	5.3	(1)h1	Comm G	Edinburgh	17 Jul
Quarrie				10.29	3.4	(1)q2	Comm G	Edinburgh	17 Jul
Quarrie				10.29	4.7	(1)s2	Comm G	Edinburgh	18 Jul
Errol Stewart	JAM	02 Mar 50	167/66	10.30	6.2	(1)q1	Comm G	Edinburgh	17 Jul
(10)									
Hasely Crawford	TRI	16 Aug 50	190/79	10.31	5.3	(2)h1	Comm G	Edinburgh	17 Jul
Crawford				10.31	3.4	(2)q2	Comm G	Edinburgh	17 Jul
Kolawole Abdulai	NGR	22 Jul 47	172/66	10.32	5.0	(1)h7	Comm G	Edinburgh	17 Jul
Günter Nickel	FRG	24 Mar 46	184/78	10.33	3.4	(3)	v USA	Stuttgart	15 Jul
Benedict Majekodunmi	NGR	12 Jan 40	175/66	10.33	6.9	(2)q3	Comm G	Edinburgh	17 Jul
Miller				10.33	3.6	(2)	Comm G	Edinburgh	18 Jul
Crawford				10.33	3.6	(3)	Comm G	Edinburgh	18 Jul
Eddy				10.34	9.8	(1)h2	Comm G	Edinburgh	17 Jul
Symonds				10.34	3.4	(3)q2	Comm G	Edinburgh	17 Jul
Crawford				10.34	4.7	(2)s2	Comm G	Edinburgh	18 Jul
(20)									
George Daniels	GHA	08 Mar 50	170/73	10.35	4.3	(1)h8	Comm G	Edinburgh	17 Jul
Eddy				10.35	3.6	(4)	Comm G	Edinburgh	18 Jul
Hasely Crawford	TRI	16 Aug 50	190/87	10.36	7.5	(3)s1	CAC G	Ciudad de Panamá	1 Mar
Miller				10.37	2.3	(1)s1	Comm G	Edinburgh	18 Jul
Donald Halliday	GBR	16 Jun 47	173/73	10.38	6.0	(2)h6	Comm G	Edinburgh	17 Jul
Halliday				10.38	6.9	(3)q3	Comm G	Edinburgh	17 Jul
Ian Green	GBR	13 Jan 46	174/67	10.38	6.9	(4)q3	Comm G	Edinburgh	17 Jul
Eddy				10.38	4.7	(3)s2	Comm G	Edinburgh	18 Jul
Daniels				10.38	3.6	(5)	Comm G	Edinburgh	18 Jul
Carl Plaskett	UVI	44	180/73	10.39	7.5	(4)s1	CAC G	Ciudad de Panamá	1 Mar
(30)									
Gerhard Wucherer	FRG	11 Feb 48	174/70	10.39	3.4	(5)	v USA	Stuttgart	15 Jul
Greg Lewis	AUS	09 Dec 46	177/76	10.39	5.9	(2)q4	Comm G	Edinburgh	18 Jul
Daniels				10.39	5.9	(3)q4	Comm G	Edinburgh	18 Jul
Symonds				10.39	4.7	(4)s2	Comm G	Edinburgh	18 Jul
Norman Chihota	TAN	25 Aug 47	175/69	10.41	5.0	(2)h7	Comm G	Edinburgh	17 Jul
Chihota				10.41	3.4	(4)q2	Comm G	Edinburgh	17 Jul
Abdulai				10.42	5.9	(4)q4	Comm G	Edinburgh	18 Jul

Symonds				10.42	3.6	(6)	Comm G	Edinburgh	18 Jul
Quarrie				10.43	3.5	(1)h3	Comm G	Edinburgh	17 Jul
Les Piggot	GBR	11 May 42	180/70	10.43	4.3	(2)h8	Comm G	Edinburgh	17 Jul
(40)									
Green I.				10.43	4.7	(5)s2	Comm G	Edinburgh	18 Jul
Brian Green	GBR	15 May 41	167/68	10.44	6.2	(2)q1	Comm G	Edinburgh	17 Jul
Stewart				10.45	3.0	(1)h5	Comm G	Edinburgh	17 Jul
Miller				10.46	5.3	(3)h1	Comm G	Edinburgh	17 Jul
Green I.				10.46	5.8	(1)h4	Comm G	Edinburgh	17 Jul
Stewart				10.46	2.3	(2)s1	Comm G	Edinburgh	18 Jul
Piggot				10.47	6.2	(3)q1	Comm G	Edinburgh	17 Jul
Daniels				10.47	2.3	(3)s1	Comm G	Edinburgh	18 Jul
Carl Edmund	PAN		47	10.48	7.5	(5)s1	CAC G	Ciudad de Panamá	1 Mar
Lynn Davies	GBR	20 May 42	184/78	10.48	9.8	(2)h2	Comm G	Edinburgh	17 Jul
(50)									
Arquimedes Mina	COL			10.49	7.5	(6)s1	CAC G	Ciudad de Panamá	1 Mar
John Kilpatrick	GBR	15 Jul 45		10.49	6.0	(3)h6	Comm G	Edinburgh	17 Jul
Jessyman Wishkoti	ZAM	Jan 45		10.50	6.2	(4)q1	Comm G	Edinburgh	17 Jul
John Harrison	GBR	10 Sep 49		10.51	5.0	(3)h7	Comm G	Edinburgh	17 Jul
Siegfried Schenke	GDR	06 May 43	179/68	10.52	4.0	(1)	v GBR	London	11 Jul
James Addy	GHA	09 Dec 39	183/75	10.55	6.9	(6)q3	Comm G	Edinburgh	17 Jul
Saimoni Tamani	FIJ	14 Nov 44	175/72	10.55	5.9	(5)q4	Comm G	Edinburgh	17 Jul
Don Domansky	CAN	11 Aug 46	180/77	10.56	5.0	(4)h7	Comm G	Edinburgh	17 Jul
William Dralu	UGA	05 Jun 47	183/73	10.56	6.9	(7)q3	Comm G	Edinburgh	17 Jul
Ron Jones	GBR	19 Aug 34	180/78	10.56	3.4	(6)q4	Comm G	Edinburgh	17 Jul
(60)									
Kevin Johnson	BAH	09 Apr 51	175/79	10.59	6.0	(5)h6	Comm G	Edinburgh	17 Jul
Hans-Jürgen Bombach	GDR	11 Aug 45	182/73	10.62	4.0	(2)	v GBR	London	11 Jul
Tony Powell	CAN	13 Sep 43	177/67	10.62	5.3	(4)h1	Comm G	Edinburgh	17 Jul
Lloyd Giddings	GUY			10.62	5.0	(5)h7	Comm G	Edinburgh	17 Jul
Melvin Wongshing	TRI	10 Nov 44		10.63	4.3	(3)h8	Comm G	Edinburgh	17 Jul
Martin Reynolds	GBR	22 Feb 49	185/77	10.64	4.0	(3)	v GDR	London	11 Jul
Green I.				10.64	4.0	(4)	v GDR	London	11 Jul
Carl Archer	TRI	17 Sep 48	180/75	10.64	5.8	(4)h4	Comm G	Edinburgh	17 Jul

(68 performances)

Note that times in Stuttgart at the USA-FRG dual meet were auto-timed. A "delay" of 0.15 seconds was built in, with the result that the time for Ben Vaughan could have been anything from 10.10w to 10.19w - the slowest being 10.04 + 0.15 seconds

200 METRES (218.72 yards) - * 220 yards time less 0.1 sec.

John Carlos	USA	05 Jun 45	193/85	20.2*		(1)		Melbourne	17 Mar
Carlos				20.2*		(1)		San José	2 May
Mel Gray	USA	28 Sep 48	175/79	20.3*		(1)h2	Big 8	Lawrence	15 May
Willie Turner	USA	14 Oct 48	183/77	20.3*	1.9	(1)	Pac 8	West Los Angeles	16 May
Carlos				20.3*	0.2	(1)	Kenn	Berkeley	30 May
Carlos				20.3*		(1)	Rose Fest	Portland	13 Jun
Carlos				20.3*	0.9	(1)		Orange	20 Jun
Turner				20.3	1.0	(1)	v FRG	Stuttgart	16 Jul
Turner				20.3		(1)		Moskva	26 Jul
Al Coffee	USA	04 Apr 50	178/75	20.4*		(1)	LSU invit	Baton Rouge	28 Mar
Stanley Allotey	GHA	14 Nov 42	171/67	20.4*	0.7	(1)		Los Angeles	28 Mar
Reggie Robinson	USA	30 May 49	181/77	20.4*	0.0	(1)		West Los Angeles	25 Apr
Fred Newhouse	USA	08 Nov 48	175/68	20.4*		(1)		Dallas	2 May
Coffee				20.4*		(1)		Baton Rouge	9 May
Carlos				20.4		(1)	King	Villanova	16 May
Eddie Hart	USA	24 Apr 49	178/70	20.4*	1.9	(2)	Pac 8	West Los Angeles	16 May
Larry Black	USA	20 Jul 51	185/80	20.4*	0.9	(1)h2	NCAA	Des Moines	18 Jun
Ben Vaughan	USA	07 Nov 48	180/80	20.4	1.0	(2)	v FRG	Stuttgart	16 Jul
Curtis Mills	USA	06 Oct 48	192/79	20.4		(2)		Moskva	26 Jul
Gerald Tinker	USA	19 Jan 51	180/77	20.5*		(1)		Miami	01 Jan
Vaughan				20.5*		(2)		Miami	01 Jan
Hart				20.5*		(1)h3	Pac 8	West Los Angeles	15 May
Marvin Mills	USA	17 Jan 51	190/84	20.5		(2)	King	Villanova	16 May
Dave Masters	USA	05 Jul 49	179/75	20.5*	1.9	(3)	Pac 8	West Los Angeles	16 May
Carlos				20.5*	0.1	(1)	Cal R	Modesto	23 May
Willie Polk	USA	17 Jul 49	186/77	A 20.5*		(1)	NAIA	Billings	6 Jun
Turner				20.5*	nw	(1)	NCAA	Des Moines	20 Jun
Valeriy Borzov	URS	20 Oct 49	182/79	20.5		(1)	Znam	Kyiv	3 Jul
Edwin Roberts	TRI	12 Aug 41	173/70	20.5		(1)r4	WK	Zürich	3 Jul
Don Quarrie	JAM	25 Feb 51	173/70	20.5	1.7	(1)	Comm G	Edinburgh	22 Jul
Gérard Fenouil	FRA	23 Jun 45	177/72	20.5	0.8	(1)	EP/Sf	Zürich	2 Aug

(31 performances)

Edesel Garrison	USA	17 Aug 50	186/84	20.6*		(1)		Long Beach	7 Mar
(20)									
Peter Norman	AUS	15 Jun 42	179/75	20.6		(1)		Auckland	30 Mar

>2.0 ?

John Smith	USA	05 Aug 50	188/83	20.6*	0.8	(1)		Los Angeles	11 Apr
Wayne Collett	USA	20 Oct 49	188/84	20.6*	0.8	(2)		Los Angeles	11 Apr
Willie Deckard	USA	03 Jan 51	180/65	20.6*		(1)		Huntington Beach	2 May
Earl Harris	USA	20 Jul 48	183/80	20.6*		(2)		Baton Rouge	9 May
Dennis Schultz	USA	19 Feb 51	183/75	20.6*		(3)		Baton Rouge	9 May
Robert Taylor	USA	14 Sep 48	183/80	20.6*		(2)		Los Angeles	15 May
Albert Hearvey	USA	03 Feb 52	173/68	20.6*		(4)		Los Angeles	16 May
Randy Montgomery	USA	12 Sep 47	180/82	A 20.6*		(1)	Big Sky	Ogden	16 May
Harrington Jackson	USA	09 May 47	180/75	A 20.6*		(1)	WAC	Salt Lake City	16 May
(30)									
Clyde Glosson	USA	22 Jan 47	185/78	A 20.6*		(2)	WAC	Salt Lake City	16 May
John Holbrook	USA	27 May 49	178/78	A 20.6*		(3)	WAC	Salt Lake City	16 May
Eugene Thomas	USA	31 Mar 50	188/74	A 20.6*		(2)	NAIA	Billings	6 Jun
Mike Goodrich	USA	17 May 48	175/70	20.6*	w.ok	(1)s2	NCAA	Des Moines	19 Jun
Jean-Claude Nallet	FRA	15 Mar 47	187/85	20.6	0.6	(2)	NCh	Colombes	19 Jul
Bruce Weatherlake	AUS	13 Apr 50		20.7		(1)		Sydney	21 Feb
Gary Eddy	AUS	26 Mar 45	183/76	20.7*		(1)		Hobart	26 Feb
Lorenzo Russell	USA	29 Aug 47	168/64	20.7*		(2)		Los Angeles	28 Mar
Danny Moore	USA	19 Sep 49	187/82	20.7*		(1)		Long Beach	18 Apr
Dave Gilliard	USA	24 Aug 50	175/68	20.7*		(1)		Huntington Beach	2 May
(40)									
Roger Colglazier	USA	28 Aug 50	178/70	20.7*		(1)h	SouthLand CCh	Abilene	8 May
Ernie Smith	USA	13 Jan 42	183/77	20.7*		(5)	Pac 8	West Los Angeles	16 May
Isaac Curtis	USA	20 Oct 48	186/88	20.7*		(6)	Pac 8	West Los Angeles	16 May
Warren Edmonson	USA	27 Oct 50	175/66	20.7*		(1)		Santa Rosa	16 May
Jim Green	USA	28 Sep 47	182/70	20.7*		(2)		Gainesville	16 May
Jochen Eigenherr	FRG	18 Feb 47	183/73	20.7	1.0	(3)	v USA	Stuttgart	16 Jul
Charles Asati	KEN	03 Mar 46	178/68	20.7	1.7	(3)	Comm G	Edinburgh	22 Jul
Martin Reynolds	GBR	22 Feb 49	185/74	20.7	0.8	(2)	EP/Sf	Zürich	2 Aug
Julius Sang	KEN	19 Sep 48	175/67	A 20.7		(1)	NCh	Nairobi	21 Aug
Pablo Montes	CUB	23 Nov 45	184/81	20.7		(1)		La Habana	1 Nov
(50)									
Tom Jones	USA	08 Sep 44	183/75	20.8*		(2)		Long Beach	7 Mar
Gerald Conley	USA	12 Jul 47	188/84	20.8*		(1)		Las Cruces	21 Mar
Steve Gibson	USA	20 Apr 51	185/70	20.8*		(3)		Los Angeles	28 Mar
Izak van Zyl	RSA	01 Dec 42	186/80	A 20.8		(1)	NCh	Pretoria	30 Mar
Fred Kuller	USA	28 Jun 45	188/77	20.8*		(1)		Fullerton	4 Apr
Rockie Woods	USA	03 Mar 49	188/86	20.8*		(1)		College Station	18 Apr
Royce Ford	USA		50	185/77	20.8*	(1)		San José	1 May
Joe Johnson	USA		48	188/82	20.8*	(1)		Durham	2 May

Dennis Walker	USA	21 Dec 51	186/82	20.8*	(1)		Brookville	5 May	
Mickey Mathews	USA	03 Jun 47	170/68	20.8*	(2)	Big 8	Lawrence	16 May	
(60)									
Jim Thoeming	USA		188/82	A 20.8*	(4)	WAC	Salt Lake City	16 May	
Tom Randolph	USA	04 Jan 42	180/73	20.8	(3)	King	Villanova	16 May	
Ramon Magariños	ESP	16 Feb 48	182/75	20.8	(1)		Madrid	27 May	
Larry Scheurer	USA	03 Apr 47	180/73	20.8*	(1)		Pullman	9 Jun	
Ivory Crockett	USA	24 Aug 48	170/66	20.8*	(2)	USTFF	Wichita	12 Jun	
Hans-Jürgen Bombach	GDR	11 Aug 45	184/75	20.8	(1)		Karl-Marx-Stadt	14 Jun	
Jan Werner	POL	25 Jul 46	191/86	20.8	(1)	Kusoc	Warszawa	20 Jun	
Lee Evans	USA	25 Feb 47	181/78	20.8	(2)	Nott	Milano	1 Jul	
Philippe Clerc	SUI	24 Dec 46	175/59	20.8	(3)	Nott	Milano	1 Jul	
Zenon Nowosz	POL	06 Feb 44	184/72	20.8	(2)r4	WK	Zürich	3 Jul	
(70)									
Siegfried Schenke	GDR	06 May 43	180/68	20.8	0.6	(1)	NCh	Erfurt	5 Jul
Charles Francis	CAN	13 Oct 48	185/81	20.8	(1)		Halifax	16 Aug	
Andrzej Badenski	POL	10 May 43	175/68	20.8	(2)		Warszawa	22 Aug	
Jirí Kynos	CSR	24 Mar 43	176/64	20.8	(1)	v FIN	Praha	19 Sep	
Ladislav Kríz	CSR	28 Jan 44	183/73	20.8	(2)	v FIN	Praha	19 Sep	
Günther Nickel	FRG	24 Mar 46	184/78	20.8	(1)r1		Bonn	26 Sep	
André van Heerden	RSA	01 Oct 48		A 20.8	(1)		Pretoria	21 Nov	
rucken wind in Leichtathletik/ ok in SAF Annual									
Eugene Jones	USA			20.9*	()				
Misael Curiel	VEN			20.9	(1)		Maracaibo	21 Mar	
Barney King	USA			20.9*	(1)		Jackson	2 Apr	
(80)									
Dave Masters	USA	05 Jul 49	179/75	20.9*	()		Pullman	18 Apr	
Artwell Mandaza	RHO	04 Jan 46		A 20.9	(1)h		Salisbury	19 Apr	
Bill Krouse	USA			20.9*	(1)		West Chester	29 Apr	
Darwin Bond	USA	17 Aug 51	175/66	20.9*	(1)		Johnson City	2 May	
Ernest Williams	USA		50	178/68	20.9*	(1)h	SWAC	Houston	8 May
Paul Gibson	USA	20 Jun 48	190/88	A 20.9*	(1)h2	WAC	Salt Lake City	15 May	
Reggie Echols	USA	07 May 50	190/86	20.9*	(2)h3	Pac 8	West Los Angeles	16 May	
Marcus Walker	USA	10 Feb 49	186/79	20.9*	(3)	Big 8	Lawrence	16 May	
Carl Lowe	USA			20.9*	(1)		Garden City	16 May	
Joseph Leserwane	RSA	03 Sep 44		20.9	(1)		Redcliff	17 May	
(90)									
Robert Mitchell	USA	16 Jun 48	180/79	20.9*	(1)		Houston	23 May	
Chuck Smith	USA	12 Mar 48	185/77	20.9*	(1)		Eagle Rock	29 May	
Thomas Jordan	FRG	15 Mar 49	179/67	20.9	(1)		Schwetzingen	30 May	

Tommie Turner	USA	17 Jan 47	175/68	20.9		(2)		Kingston	6 Jun
Steve Hoover	USA	28 Jan 47	180/74	20.9*		(1)		Pullman	9 Jun
Mike Frey	JAM	23 Sep 47	189/88	20.9*	0.8	(3)h2	NCAA	Des Moines	18 Jun
Don Domansky	CAN	11 Aug 46	180/77	20.9		(1)		Hamilton, Ont.	20 Jun
George Daniels	GHA	08 Mar 50	170/73	20.9		(1)r2	WK	Zürich	3 Jul
Franz-Peter Hofmeister	FRG	05 Aug 51	185/71	20.9		(3)r4	WK	Zürich	3 Jul
Miro Kocuvan	YUG	16 Jul 47	175/75	20.9		(1)		Sarajevo	7 Aug
(100)									
Sergey Korovin	URS	06 Mar 51	182/74	20.9		(1)		Kyiv	14 Aug
Fernando Acevedo	PER	26 Jul 46	175/65	20.9		(1)s	Boliv	Maracaibo	1 Sep

(102 performers)

AUTOMATIC TIMING

Willie Turner	USA	14 Oct 48	183/77	20.49	1.0	(1)	v FRG	Stuttgart	10 Jul
Ben Vaughan	USA	07 Nov 48	180/80	20.49	1.0	(2)	v FRG	Stuttgart	10 Jul
Don Quarrie	JAM	25 Feb 51	173/70	20.56	1.7	(1)	Comm G	Edinburgh	22 Jul
Edwin Roberts	TRI	12 Aug 41	173/70	20.70	1.7	(2)	Comm G	Edinburgh	22 Jul
G�rard Fenouil	FRA	23 Jun 45	177/72	20.74	0.8	(1)	EP/Sf	Z�rich	2 Aug
Charles Asati	KEN	03 Mar 46	178/68	20.75	1.7	(3)	Comm G	Edinburgh	22 Jul
Martin Reynolds	GBR	22 Feb 49	185/74	20.84	1.7	(4)	Comm G	Edinburgh	22 Jul
Peter Norman	AUS	15 Jun 42	179/75	20.87	1.7	(5)	Comm G	Edinburgh	22 Jul
Reynolds				20.96	0.8	(1)s1	AAA	London	7 Aug
George Daniels	GHA	08 Mar 50	170/73	20.97	1.7	(6)	Comm G	Edinburgh	22 Jul
Franz-Peter Hofmeister	FRG	05 Aug 51	185/71	20.97	0.4	(1)h2	NCh	Berlin	8 Aug
Gary Eddy	AUS	26 Mar 45	183/76	21.01	1.7	(7)	Comm G	Edinburgh	22 Jul
Julius Sang	KEN	19 Sep 48	175/67	21.09	1.7	(8)	Comm G	Edinburgh	22 Jul
Edgar Kr�ger	FRG	11 Apr 45	178/68	21.11	0.0	(1)h3	NCh	Berlin	8 Aug
Horst-R�diger Schl�ske	FRG	01 Jan 46	178/67	21.16	0.0	(1)h4	NCh	Berlin	8 Aug
Roger Bambuck	FRA	22 Nov 45	180/68	21.17	0.0	(1)	v CSR	Colombes	27 Sep
Anders Faager	SWE	03 apr 47	186/76	21.19		(1)	NCh	V�xj�	14 Aug
Benno Knobloch	FRG	27 Jun 47	187/78	21.21	0.4	(2)h2	NCh	Berlin	8 Aug
Michael Fredriksson	SWE	11 Mar 49	181/75	21.21		(2)	NCh	V�xj�	14 Aug
Karl-Heinz Klotz	FRG	10 Mar 50	187/77	21.23	0.4	(3)h2	NCh	Berlin	8 Aug
Ladislav Kr�z	CSR	28 Jan 44	183/73	21.27	0.0	(2)	v FRA	Colombes	27 Sep
Sergey Korovin	URS	06 Mar 51	182/74	21.28	-1.5	(1)s1	ECh/Jr	Colombes	13 Sep
Harald Leidicke	FRG	19 Jul 50		21.30	0.4	(4)h2	NCh	Berlin	8 Aug
Jochen Eigenherr	FRG	18 Feb 47	183/74	21.32	0.0	(1)h1	NCh	Berlin	8 Aug

Hofmeister					21.34	-1.3	(1)s2	ECh/Jr	Colombes	13 Sep
Harald Werner	FRG	29 Jul	51	180/77	21.35	0.0	(2)h4	NCh	Berlin	8 Aug
David Dear	GBR	08 Jun	46	179/76	21.38	0.3	(1)s2	AAA	London	8 Aug
Mike Hauck	GBR	05 Mar	45	176/74	21.38	0.3	(2)s2	AAA	London	8 Aug
Manfred Ommer	FRG	13 Sep	50	177/72	21.39	0.0	(2)h3	NCh	Berlin	8 Aug
Jirí Kynos	CSR	24 Mar	43	176/64	21.39	0.0	(3)	v FRA	Colombes	27 Sep
Heinz Rienecker	FRG	20 Jul	46	179/74	21.41	0.0	(2)h1	NCh	Berlin	8 Aug
Reynolds					21.44	0.0	(1)h1	AAA	London	7 Aug
Ian Saunders	GBR	24 Jul	50		21.50	0.3	(3)s2	AAA	London	8 Aug
Peter Honnef	FRG	23 Jun	49	183/77	21.51	0.4	(5)h2	NCh	Berlin	8 Aug
Hannes Kleespiess	FRG	20 Nov	48		21.53	0.0	(3)h1	NCh	Berlin	8 Aug
Karl Honz	FRG	28 Jan	51	185/80	21.53	0.0	(3)h4	NCh	Berlin	8 Aug
Aleksandr Zhidkikh	URS	23 Jan	51	180/75	21.53	-1.3	(2)s2	ECh/Jr	Colombes	13 Sep
Willy Pettau	FRG	24 Aug	50		21.54	0.0	(4)h4	NCh	Berlin	8 Aug
Bernard Devillon	FRA	25 Apr	46	179/70	21.56	0.0	(4)	v CSR	Colombes	27 Sep
Jörg Pfeiffer	GDR	19 Mar	52	177/66	21.59	-1,2	(2)h2	ECh/Jr	Colombes	12 Sep
Rainer Klein	FRG		44		21.61	0.0	(5)h4	NCh	Berlin	8 Aug
Klaus Ehl	FRG	16 Aug	49	188/77	21.61	0.0	(6)h4	NCh	Berlin	8 Aug
Jean-Paul Dubuisson	FRA	15 Jan	51	174/65	21.63	-1.5	(3)s1	ECh/Jr	Colombes	13 Sep
Miroslav Tulis	CSR	23 Jan	51	185/73	21.65	-1.5	(4)s1	ECh/Jr	Colombes	13 Sep
Michael van Wickeren	FRG	26 Jul	51	177/72	21.97	0.0	(4)h1	NCh	Berlin	8 Aug
Alain Sarteur	FRA	17 Jun	46	180/74	21.67	0.0	(5)	v CSR	Colombes	27 Sep
Mohamed Din	PAK		42		21.70	0.3	(4)s2	AAA	London	8 Aug
Hans-Jürgen Rahn	FRG	26 Sep	41		21.70	0.4	(6)h2	NCh	Berlin	8 Aug
Werner					21.72	-1.5	(5)s1	ECh/Jr	Colombes	13 Sep
Chris Monk	GBR	29 Sep	51	173/62	21.73	-1.5	(6)s1	ECh/Jr	Colombes	13 Sep
Jens Gloe	FRG				21.75	0.0	(3)h3	NCh	Berlin	8 Aug
Hauck					21.78		(1)h3	AAA	London	7 Aug
Philippe LeRoux	FRA	02 Nov	51	186/80	21.78	0.2	(1)h1	ECh/Jr	Colombes	12 Sep
John Harrison	GBR	10 Sep	49		21.81	0.3	(5)s2	AAA	London	8 Aug
Pietro Mennea	ITA	28 Jun	52	180/73	21.83	-1.3	(4)s2	ECh/Jr	Colombes	13 Sep
I.Saunders					21.84		(1)h2	AAA	London	7 Aug
Dietmar Laufenberg	FRG		50		21.85	0.4	(7)h2	NCh	Berlin	8 Aug
Dear					21.91		(2)h2	AAA	London	7 Aug
Gernot Hirscht	FRG	22 Sep	42	182/76	21.91	0.0	(5)h1	NCh	Berlin	8 Aug
Robert Dornemann	FRG				21.93	0.0	(4)h3	NCh	Berlin	8 Aug
Trevor Rodwell	GBR	19 Feb	51		21.94	0.0	(2)h1	AAA	London	7 Aug
Stuart Bell	GBR	29 Aug	46	185/76	21.94	0.3	(6)s2	AAA	London	8 Aug

OTHER EUROPEAN PERFORMANCES

Fenouil				20.6		(1)		Colombes	19 Jul
Bombach				20.8	-0.5	(2)	NCh	Erfurt	5 Jul
Reynolds				20.8	1.7	(4)	Comm G	Edinburgh	22 Jul
Clerc				20.8		(3)	EP/Sf	Zürich	2 Aug
Nowosz				20.8		(1)	NCh	Warszawa	8 Aug
Werner				20.8		(1)		Warszawa	22 Aug
Nickel				20.8		(1)		Bonn	26 Sep
Schenke				20.8		(1)		Erfurt	27 Sep
Nowosz				20.9		(1)		Madrid	6 Jun
Nowosz				20.9		(2)	Kusoc	Warszawa	20 Jun
Fenouil				20.9	0.3	(1)		Lyon	21 Jun
Werner				20.9		(4)	Nott	Milano	1 Jul
Eigenherr				20.9		(4)	WK	Zürich	3 Jul
Bombach				20.9	0.2	(1)s3	NCh	Erfurt	5 Jul
Eigenherr				20.9		(1)	EP/Sf	Sarajevo	2 Aug
Reynolds				20.9	0.8	(1)s1	AAA	London	7 Aug
Schenke				20.9		(1)		Berlin	16 Aug
Reynolds				20.9	0	(1)		London	22 Aug
Reynolds				20.9		(1)	v POL	Warszawa	13 Sep

OTHER EUROPEAN PERFORMERS

Vyacheslav Avseyev	URS		46		21.0		(1)	Lvov	18/19 May	
	(20)									
Hans-Joachim Zenk	GDR	03 Jun	52	175/65	21.0		(1)	Erfurt	24 May	
Luis Sarriá	ESP	08 May	49	186/75	21.0		(2)	Madrid	27 May	
20.9 in Leichtathletik										
Pasqualino Abeti	ITA	02 Apr	48	174/68	21.0		(2)	v ESP	Madrid	31 May
Jacques Carette	FRA	01 Mar	47	176/63	21.0	0.0	(2)	CISM	Viareggio	14 Jun
Tibor Farkas	HUN	01 Jan	48	180/79	21.0	0.3	(1)		Budapest	21 Jun
Alain Sarteur	FRA	17 Jun	46	180/74	21.0	1.7	(1)h1		Lyons	21 Jun
Ludvík Bohman	CSR	02 Dec	46	176/65	21.0		(1)		Toronto	30 Jun
Valentin Maslakov	URS	04 Dec	44	180/78	21.0		(2)	Znam	Kyiv	3 Jul
Reto Diezi	SUI	03 Mar	49	194/86	21.0		(5)r4	WK	Zürich	3 Jul
Leonid Mikishev	URS	16 Oct	46	180/70	21.0		(3)		Moskva	26 Jul
	(30)									
Aleksandr Zhidkikh	URS	23 Jan	51	180/75	21.0		(1)	NCh/Jr	Moskva	30 Jul
Ivica Karasi	YUG	13 Apr	45	181/71	21.0		(3)	EP/Sf	Sarajevo	2 Aug
Ossi Karttunen	FIN	17 Mar	48	183/75	21.0		(1)		Joensuu	5 Aug

Edgar Krüger	FRG	11 Apr 45	178/68	21.0	0.0	(1)h3	NCh	Berlin	8 Aug
Anders Faager	SWE	03 Apr 47	186/74	21.0		(1)	NCh	Växjö	14 Aug
Boris Savchuk	URS	09 Aug 43	187/83	21.0		(1)s		Leningrad	17 Aug
Aleksandr Lebedev	URS	11 Apr 46	179/66	21.0		(1)		Moskva	21 Aug
Raimo Vilén	FIN	10 Aug 45	181/75	21.0		(3)	v CSR	Praha	19 Sep
Markku Kukkoaho	FIN	11 Nov 46	189/82	21.0		(1)r2		Praha	19 Sep
Benno Knobloch	FRG	27 Jun 44	187/78	21.0		(2)		Dülken	20 Sep
(40)									
Roger Bambuck	FRA	22 Nov 45	180/68	21.0	0.0	(1)	v CSR	Colombes	27 Sep
Giacomo Puosi	ITA	30 Mar 46	183/72	21.0		(1)		Como	4 Oct
David Jenkins	GBR	25 May 52	190/82	21.1		(1)		Edinburgh	2 May
Stanislaw Wagner	POL	11 Nov 47	165/60	21.1		(3)	Kusoc	Warszawa	20 Jun
Tadeusz Cuch	POL	17 Feb 45	180/71	21.1		(4)	Kusoc	Warszawa	20 Jun
Edward Romanowski	POL	30 Jul 44	185/80	21.1		(5)	Kusoc	Warszawa	20 Jun
Horst-Rüdiger Schlöske	FRG	01 Jan 46	178/67	21.1		(1)		Berlin	26 Jun
Frank Siebeck	GDR	17 Aug 49	189/78	21.1	-0.3	(1)s2		Erfurt	5 Jul
Horst Hauptmann	GDR	29 Oct 50		21.1		(1)		Budapest	12 Jul
Jean Bourne	FRA	13 May 45	183/78	21.1	-0.6	(3)	NCh	Colombes	19 Jul
(50)									
Aleksandr Bratchikov	URS	21 Jul 47	185/80	21.1		(1)h		Moskva	26 Jul
Marian Dudziak	POL	02 Feb 41	181/81	21.1		(2)	NCh	Warszawa	8 Aug
Gerard Gramse	POL	18 Aug 44	179/71	21.1		(4)	NCh	Warszawa	8 Aug
Michael Fredriksson	SWE	11 Mar 49	180/77	21.1		(2)	NCh	Växjö	14 Aug
Paul Poels	BEL	01 May 44		21.1		(1)		Genève	19 Aug
Harald Leidicke	FRG	19 Jul 50		21.1	0.8	(2)s2		Bonn	29 Aug
Michael Zerbes	GDR	13 Sep 44	194/87	21.1		(1)		Berlin	10 Sep
Wolfgang Gutschmidt	GDR	11 Apr 52		21.1		(2)		Berlin	10 Sep
Gheorghe Zamfirescu	ROU	18 Mar 42	172/69	21.1		(2)	Int Ch	Bucuresti	13 Sep
Panayotis Gasparinatos	GRE	16 Sep 47	174/65	21.1		(1)		Athiná	17 Sep
(60)									
Umberto Tedeschi	ITA	28 Dec 48		21.1		(1)		La Spezia	26 Sep

(61 performers)

WIND ASSISTED

Willie Polk	USA	17 Jul 49	186/77	20.4*		(1)		Pasadena	29 May
Don Quarrie	JAM	25 Feb 51	173/70	20.4	2.4	(1)	ISTAF	Berlin	4 Jul
Charles Asati	KEN	03 Mar 46	178/68	20.4	3.1	(1)h2	Comm G	Edinburgh	21 Jul
Quarrie				20.4	4.9	(1)q4	Comm G	Edinburgh	21 Jul

Marshall Dill	USA	09 Aug 52	190/90	20.5*		(1)		Bowling Green	1 Aug
(5 performances)									
Peter Norman	AUS	15 Jun 42	179/75	20.6+	2.1	(1)		Melbourne	8 Feb
Fred Kuller	USA	28 Jun 45	188/77	20.6*		(1)		San José	18 Apr
Robert Mitchell	USA	16 Jun 48	180/79	20.6*		(2)		Pasadena	29 May
Chuck Smith	USA	12 Mar 48	185/77	20.6*		(1)	NCAA II	St.Paul	13 Jun
Rey Robinson	USA	10 Apr 52	183/66	20.6*	2.6	(1)		Sacramento	20 Jun
Mark Lutz	USA	23 Dec 51	178/68	20.6*	2.6	(2)		Sacramento	20 Jun
(10)									
Martin Reynolds	GBR	22 Feb 49	185/74	20.6	4.6	(1)s1	Comm G	Edinburgh	22 Jul
Milton Plagens	USA		49	20.7*		(1)		Baywood	9 Mar
Mike Lindon	USA		48	178/70	20.7*	(3)		Pasadena	29 May
Siegfried Schenke	GDR	06 May 43	180/68	20.7	5.8	(1)	EP	Stockholm	30 Aug
Wilbur Smith	USA			20.8*		()			
Bill Toomey	USA	10 Jan 39	187/88	20.8*		(1)		Santa Maria	7 Mar
Jean Bourne	FRA	13 May 45	183/78	20.8	2.6	(1)		Colombes	14 Jun
Ed Jones	USA		52	175/64	20.8*	(3)		Sacramento	20 Jun
Franz-Peter Hofmeister	FRG	05 Aug 51	185/71	20.8		(2)		Berlin	9 Aug
Edgar Krüger	FRG	11 Apr 45	178/68	20.8	2.3	(1)		Burg Gretesch	6 Sep
(20)									
Kirk Clayton	USA	04 Feb 47	180/68	20.9*		()		San José	4 Apr
Willie Harrison	USA		50	178/68	20.9*	()		Big Springs	11 Apr
Robert Bradley	USA		48	178/68	20.9*	(1)		Alpine	2 May
Stan Bracy	USA	05 Feb 52	178/70	20.9*		(1)		Lubbock	14 Apr
Joe Pouncy	USA	04 Nov 50	183/82	20.9*		(1)		Fort Wotr	27 Apr
Romain Roels	BEL	09 Mar 49		20.9		(1)		Courtrai	17 May
Glen Love	USA	14 Jul 52	180/77	20.9*	2.6	(4)		Sacramento	20 Jun
Alain Sarteur	FRA	17 Jun 46	180/74	20.9	3.2	(4)	v USA	Colombes	9 Jul
Patrice Viel	FRA	04 Apr 45	184/78	A 20.9	5.1	(1)r2		Font-Romeu	9 Aug
Marian Dudziak	POL	02 Feb 41	181/81	20.9	2.6	(1)		Warszawa	6 Sep
(30)									
Charles Robinson	USA		52	21.0		()			
Steve Mersch	USA		52	21.0		()			
Craig Daly	NZL			21.0		()		Auckland	30 Mar
Bernard Devillon	FRA	25 Apr 46	179/70	21.0	3.0	(1)h2		Colombes	14 Jun
Manfred Letzelter	FRG	18 Aug 40	176/73	21.0		(1)		Darmstadt	7 Jun
Tom Scavuzzo	USA	05 Sep 52	175/68	21.0		()		Sacramento	20 Jun
Greg Lewis	AUS	09 Dec 46	177/76	21.0	4.9	(2)q4	Comm G	Edinburgh	21 Jul

David Dear	GBR	08 Jun 46	179/76	21.0	3.0	(5)s2	Comm G	Edinburgh	22 Jul
Hugo Fernandes Mendes	SUR	51		21.0	3.5	(1)		Willemstad	4 Aug

(39 performers)

AUTOMATIC TIMING - WIND ASSISTED

Don Quarrie	JAM	25 Feb 51	173/70	20.48	4.9	(1)q4	Comm G	Edinburgh	21 Jul
Charles Asati	KEN	03 Mar 46	178/68	20.56	3.1	(1)h2	Comm G	Edinburgh	21 Jul
Martin Reynolds	GBR	22 Feb 49	185/74	20.61	4.6	(1)s1	Comm G	Edinburgh	22 Jul
Asati				20.64	7.7	(1)q1	Comm G	Edinburgh	22 Jul
Roberts				20.67	6.3	(1)h1	Comm G	Edinburgh	21 Jul
Quarrie				20.70	3.0	(1)s2	Comm G	Edinburgh	22 Jul
Roberts				20.74	4.6	(2)s1	Comm G	Edinburgh	22 Jul
Peter Norman	AUS	15 Jun 42	179/75	20.79	7.7	(2)q1	Comm G	Edinburgh	22 Jul
Quarrie				20.81	5.4	(1)h6	Comm G	Edinburgh	21 Jul
Asati				20.85	4.6	(3)s1	Comm G	Edinburgh	22 Jul
								(10)	
Norman				20.87	5.3	(1)h5	Comm G	Edinburgh	21 Jul
Reynolds				20.88	2.7	(1)q3	Comm G	Edinburgh	21 Jul
Reynolds				20.89	3.1	(2)h2	Comm G	Edinburgh	21 Jul
Roberts				20.89	2.9	(1)q2	Comm G	Edinburgh	21 Jul
Gary Eddy	AUS	26 Mar 45	183/76	20.89	3.0	(2)s2	Comm G	Edinburgh	22 Jul
Julius Sang	KEN	19 Sep 48	175/67	20.90	6.3	(2)h1	Comm G	Edinburgh	21 Jul
George Daniels	GHA	08 Mar 50	170/73	20.91	2.7	(2)q3	Comm G	Edinburgh	21 Jul
Norman				20.95	3.0	(3)s2	Comm G	Edinburgh	22 Jul
Siegfried Schenke	GDR	06 May 43	180/68	20.98	4.2	(1=)	v GBR	London	11 Jul
Reynolds				20.98	4.2	(1=)	v GDR	London	11 Jul
								(20)	
Sang				20.98	4.6	(4)s1	Comm G	Edinburgh	22 Jul
Daniels				20.98	3.0	(4)s2	Comm G	Edinburgh	22 Jul
Reynolds				21.00	5.1	(1)	AAA	London	8 Aug

0 Jun 46?

AUTOMATIC TIMING - WIND ASSISTED - OTHERS EUROPEANS

David Dear	GBR	08 Jun 46	179/76	21.08	3.0	(5)s2	Comm G	Edinburgh	22 Jul
Hans-Jürgen Bombach	GDR	11 Aug 45	183/75	21.11	4.2	(3)	v GBR	London	11 Jul
Dear				21.16	2.9	(2)q2	Comm G	Edinburgh	21 Jul
Ralph Banthorpe	GBR	06 Feb 49	174/63	21.18	4.9	(4)q4	Comm G	Edinburgh	21 Jul
Don Halliday	GBR	16 Jun 47	174/65	21.28	4.9	(5)q4	Comm G	Edinburgh	21 Jul

Dear				21.30	5.4	(2)h6	Comm G	Edinburgh	21 Jul
Banthorpe				21.36	4.8	(6)s1	Comm G	Edinburgh	22 Jul
Howard Davies	GBR	05 Aug 44	178/69	21.39	7.7	(6)q1	Comm G	Edinburgh	21 Jul
Dear				21.40	5.1	(2)	AAA	London	8 Aug
Dear				21.41	4.2	(4)	v GBR	London	11 Jul
John Williams	GBR	01 Apr 48		21.49	5.2	(3)h3	Comm G	Edinburgh	21 Jul
Stuart Bell	GBR	29 Aug 46	185/76	21.59	3.0	(8)s2	Comm G	Edinburgh	22 Jul
Michael Hauck	GBR	05 Mar 45	176/74	21.60	5.1	(3)	AAA	London WC	8 Aug
A Powell	GBR			21.62	5.1	(4)	AAA	London WC	8 Aug
Malcolm Yardley	GBR	23 Dec 40	170/65	21.64	5.1	(5)	AAA	London WC	8 Aug
Joseph Chivers	GBR	16 Mar 51	179/70	21.69	6.3	(5)h1	Comm G	Edinburgh	21 Jul
Ian Saunders	GBR	24 Jul 50		21.74	5.1	(6)	AAA	London WC	8 Aug

OTHER EUROPEAN PERFORMANCES

Eigenherr				20.7	2.7	(1)	NCh	Berlin	9 Aug
Nallet				20.8	2.6	(2)		Colombes	14 Jun
Fenouil				20.8	3.0	(3)	v USA	Colombes	9 Jul
Reynolds				20.8	3.1	(2)h2	Comm G	Edinburgh	21 Jul
Reynolds				20.8	2.7	(1)q3	Comm G	Edinburgh	21 Jul
Reynolds				20.9	4.5	(1)		Leicester	25 May
Jordan				20.9	2.4	(2)	ISTAF	Berlin	4 Jul
Eigenherr				20.9		(2)		Stockholm	30 Aug

OTHER EUROPEAN PERFORMERS

Manfred Ommer	FRG	13 Sep 50	177/72	21.1	2.4	(3)	ISTAF	Berlin	4 Jul
Ralph Banthorpe	GBR	06 Feb 49	179/62	21.1	4.8	(1)q4	Comm G	Edinburgh	21 Jul
Karl-Heinz Klotz	FRG	10 Mar 50	187/77	21.1	2.7	(5)	NCh	Berlin	9 Aug
Gilles Bertouled	FRA	16 May 49	176/63	A 21.1		(2)		Font-Romeu	9 Aug
Patrick Bourbeillon	FRA	24 Mar 47	175/74	A 21.1		(3)		Font-Romeu	9 Aug
Per-Olof Sjöberg	SWE	29 Sep 50	187/75	21.1	3.5	(1)		Kredrikstad	9 Aug
Umberto Tedeschi	ITA	28 Dec 48		21.1		(1)		La Spezia	30 Sep

Around half a turn, with wind

Panayotis Gasparinatos	GRE	16 Sep 47	174/65	20.9		()		Athiná	11 Oct
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Timed on one watch

Willie Harrison	USA		50	178/68	19.9*	(1)		Levelland	21 Nov
Danny Johnson	USA		52		20.3*	(2)		Levelland	21 Nov

400 METRES (437.44 yards) * 440 yards time less 0.3 sec. + during 440 yards race

Wayne Collett	USA	20 Oct 49	188/84	44.9	(1)	v FRA	Colombes	9 Jul
John Smith	USA	05 Aug 50	188/83	45.0	(2)	v FRA	Colombes	9 Jul
Charles Asati	KEN	03 Mar 46	178/68	45.0	(1)	Comm G	Edinburgh	23 Jul
Smith				45.1	(1)	v FRG	Stuttgart	15 Jul
Jean-Claude Nallet	FRA	15 Mar 47	187/85	45.1	(1)	NCh	Colombes	19 Jul
Fred Newhouse	USA	08 Nov 48	175/68	45.2	(1)		Colombes	10 Jun
Curtis Mills	USA	06 Oct 48	192/79	45.2*	(1)	USTFF	Wichita	13 Jun
Larry James	USA	06 Nov 47	183/75	45.2*	(1)	NCAA	Des Moines	20 Jun
Collett				45.3	(2)	v FRG	Stuttgart	15 Jul
Tom Ulan	USA	01 Dec 49	179/70	45.4*	(2)	USTFF	Wichita	13 Jun
Collett				45.4*	(1)h1	AAU	Bakersfield	26 Jun
Smith				45.4*	(1)	AAU	Bakersfield	27 Jun
Nallet				45.4	(3)	v USA	Colombes	9 Jul
Thomas Jordan	FRG	15 Mar 49	179/70	45.4	(3)	v USA	Stuttgart	15 Jul
Lee Evans	USA	25 Feb 47	181/78	45.4+	(1)		San José	2 May
Collett				45.5	(1)		Los Angeles	2 May
Jordan				45.5	(1)		Stuttgart	6 Jun
Tommie Turner	USA	17 Jan 47	175/68	45.5*	(3)	USTFF	Wichita	13 Jun
Turner				45.5*	(2)	NCAA	Des Moines	20 Jun
Mills				45.5*	(3)	NCAA	Des Moines	20 Jun
Smith				45.5*	(2)h1	AAU	Bakersfield	26 Jun
Evans				45.5*	(2)	AAU	Bakersfield	27 Jun
Evans				45.5	(1)	Nott	Milano	1 Jul
Asati				45.5	(1)s2	Comm G	Edinburgh	23 Jul
Evans				45.6	(1)	King	Villanova	16 May
Smith				45.6*	(1)	Pac 8	West Los Angeles	16 May
Newhouse				45.6*	(1)		Houston	23 May
Newhouse				45.6*	(1)		Pasadena	30 May
Collett				45.6*	(3)	AAU	Bakersfield	27 Jun
Evans				45.6	(1)	WK	Zürich	3 Jul
Ross Wilson	AUS	31 Oct 50	193/82	45.6	(2)	Comm G	Edinburgh	23 Jul
Jordan				45.6	(1)	NCh	Berlin	8 Aug
Julius Sang	KEN	19 Sep 48	175/67	A 45.6	(1)	E Afr Ch	Nairobi	29 Aug

(33 performances)

Dave Morton	USA	07 Jul 49	190/77	45.7*	(1)		Austin	18 Apr
Edesel Garrison	USA	17 Aug 50	186/84	45.7*	(2)	Pac 8	West Los Angeles	16 May
Edwin Roberts	TRI	12 Aug 41	173/70	45.7	(1)	Zauli	Roma	16 May
Len Van Hofwegen	USA	17 Dec 47	183/84	45.8*	(1)		Los Angeles	14 Mar
Jan Balachowski	POL	28 Dec 48	183/76	45.8	(1)	v BUL	Sofia	13 Jun
Andrzej Badenski	POL	10 May 43	175/68	45.8	(1)	Kusoc	Warszawa	19 Jun
Saimoni Tamani	FIJ	14 Nov 44	175/72	45.8	(3)	Comm G	Edinburgh	23 Jul
(20)								
Claver Kamanya	TAN	25 Mar 47	175/65	45.8	(4)	Comm G	Edinburgh	23 Jul
Al Coffee	USA	04 Apr 50	178/75	45.9*	(1)		Baton Rouge	9 May
Roger Colglazier	USA	28 Aug 50	178/70	45.9*	(1)s2	USTFF	Wichita	12 Jun
Clyde McPherson	USA	20 Mar 51	183/75	45.9*	(1)	NCAA	St. Paul	13 Jun
Jan Werner	POL	25 Jul 46	191/86	45.9	(2)	Kusoc	Warszawa	19 Jun
Horst-Rüdiger Schlöske	FRG	01 Jan 46	178/67	45.9	(4)	v USA	Stuttgart	15 Jul
Jacques Carette	FRA	01 Mar 47	176/63	45.9	(2)	NCh	Colombes	19 Jul
Fanahan McSweeney	IRL	21 Aug 47	183/73	46.0*	(1)		Lafayette	9 May
Kent Bernard	TRI	27 May 42	185/77	46.0*	(1)		Ann Arbor	27 May
Gilles Bertould	FRA	16 May 49	176/63	46.0	(3)	NCh	Colombes	19 Jul
(30)								
Hermann Köhler	FRG	12 Jan 50	183/72	46.0	(2)	NCh	Berlin	8 Aug
Jay Elbel	USA	05 Oct 47	187/79	46.1*	(1)		Portland	13 Jun
Wolfgang Müller	FRG	26 Jan 43	180/69	46.1	(1)		Berlin	17 Jun
Christian Nicolau	FRA	03 Feb 47	174/65	46.1	(4)	NCh	Colombes	19 Jul
Clifton Forbes	JAM	18 Feb 46	183/76	46.1	(7)	Comm G	Edinburgh	23 Jul
Fernando Acevedo	PER	26 Jul 46	175/65	46.1	(1)	Boliv	Maracaibo	1 Sep
Markku Kukkohao	FIN	11 Nov 46	189/82	46.1	(1)	v BUL GDR	Leipzig	15 Sep
Gerald Conley	USA	12 Jul 47	188/84	46.2*	(2)		Portland	13 Jun
Clarence Palmer	USA	28 Oct 48	183/79	46.2*	(4)h1	NCAA	Des Moines	19 Jun
Robert Ouko	KEN	24 Nov 48	173/68	A 46.2	(2)	E Afr Ch	Nairobi	29 Aug
(40)								
Martin Jellinghaus	FRG	26 Oct 44	187/83	46.2	(2)	WUG	Torino	4 Sep
Larry Black	USA	20 Jul 51	185/80	46.3*	(1)		Durham	2 May
Ralph Mann	USA	16 Jun 49	193/84	A 46.3*	(1)	WAC	Salt Lake City	16 May
Garth Case	JAM	03 Aug 49	180/68	46.3	(2)		Kingston	5 Jun
Rodovaldo Diaz	CUB	16 Mar 42	178/71	A 46.3	(1)		México, D.F.	17 Oct
Jackie Colbert	USA	21 Dec 48	185/73	46.3*	(5)h1	NCAA	Des Moines	19 Jun
Martin McGrady	USA	20 Apr 46	180/73	46.4*	(1)		Melbourne	12 Mar
Dicky Broberg	RSA	08 Jul 49	179/70	A 46.4	(1)		Pretoria	17 Mar

Elmo Dees	USA		48	183/70	46.4+	(2)		San José	2 May
Jim Ward	USA	24 Jan	46	178/75	46.4*	(1)		Eagle Rock	16 May
(50)									
Hezekiah Nyamau	KEN	05 Dec	42	170/68	A 46.4	(1)		Machakos	23 May
Roland Rossmeissl	FRG	21 Jul	47	177/70	46.4	(2)		Stuttgart	6 Jun
Aleksandr Bratchikov	URS	21 Jul	47	185/80	46.4	(1)h		Moskva	10 Jun
Michael Zerbes	GDR	13 Sep	44	194/87	46.4	(2)		Berlin	17 Jun
Don Timm	RSA	14 Oct	49		A 46.4	(1)		Bloemfontein	7 Dec
Thurman Boggess	USA	03 Nov	47	185/73	46.5*	(1)		Fort Worth	28 Feb
Dick Bruggeman	USA	13 Jun	47	186/77	46.5*	(1)	Dog R	Knoxville	18 Apr
Dale Alexander	USA	28 Apr	49	183/82	46.5*	(2)	Big 8	Lawrence	16 May
Ernest Haynes	USA	14 Jul	50	175/68	46.5*	(4)		Pasadena	29 May
Kermit Bayless	USA	04 May	50	188/75	46.5*	(2)	Kenn	Berkeley	30 May
(60)									
Edmund Borowski	POL	23 Feb	45	174/73	46.5	(1)		Warszawa	30 May
Alvin Dotson	USA	13 May	49	171/66	A 46.5*	(2)	NAIA	Billings	6 Jun
Jim Grant	JAM	08 Jan	47		46.5*	(1)		Yspilanti	9 Jun
Robert Johnson	USA	28 Jan	45	183/70	46.5	(1)	CISM	Viareggio	14 Jun
André Paoli	FRA	21 Dec	47	176/60	46.5	(5)	NCh	Colombes	19 Jul
Samuel Bugri	GHA	02 Apr	43	180/70	46.5	(5)s1	Comm G	Edinburgh	23 Jul
Dieter Hübner	FRG	22 Jan	42	187/75	46.5	(1)	EP/Sf	Sarajevo	1 Aug
Ramon Magariños	ESP	16 Feb	48	182/75	46.5	(2)	EP/Sf	Zürich	1 Aug
Tudur Puiu	ROU	04 Feb	47	179/72	46.5	(1)	Balkan G	Bucuresti	16 Aug
Boris Savchuk	URS	09 Aug	43	187/83	46.5	(1)	NCh	Minsk	12 Sep
(70)									
Marcello Fiasconaro	RSA	19 Jul	49	188/78	A 46.5	(1)		Stellenbosch	22 Dec
Antonio Alvarez	CUB	09 Dec	48	175/81	46.6	(1)	CAC G	Ciudad de Panamá	5 Mar
Hugh Brown	USA	20 Jun	47	190/77	46.6*	(1)		Eagle Rock	11 Apr
Bill Askey	USA	01 Aug	48	178/66	46.6*	(3)	SW AC	Pasadena	2 May
Charles Callihan	USA		49	178/68	46.6*	(1)	Lone Star CCh	Alpine	9 May
Darwin Bond	USA	17 Aug	51	175/66	46.6*	(1)		Knoxville	16 May
Ulf Nilsson	SWE	03 Oct	46	183/72	A 46.6*	(2)	WAC	Salt Lake City	16 May
Wayne Bradshaw	USA				A 46.6*	(3)	WAC	Salt Lake City	16 May
Greg Daughtery	USA		47		46.6*	(3)	IC4A	Philadelphia	30 May
Hardge Davis	USA			178/73	46.6*	(4)	IC4A	Philadelphia	30 May
(80)									
Steve Jordan	USA	07 Sep	51	185/75	46.6*	(1)		Bloomington	6 Jun
Martin Bilham	GBR	03 Dec	46	183/76	46.6	(1)	AAA	London	8 Aug
Melvin Wongshing	TRI	10 Nov	44		46.6	(2)		Siena	8 Aug
Wolfgang Gutschmidt	GDR	11 Apr	52		46.6	(2)	v BUL FIN	Leipzig	15 Sep

Yoshiharu Tomonaga	JPN	18 Feb 50	178/70	46.6	(1)	Asian G	Bangkok	12 Dec
Warren Edmonson	USA	27 Oct 50	175/66	46.7*	(1)		Oackland	24 Feb
François Du Preez	RSA	47		A 46.7	(1)		Potchefstroom	7 Mar
Terry Musika	USA	20 Jan 48	185/72	46.7*	(1)		Bloomington	11 Apr
Jimmy Evans	USA	50	178/68	46.7*	(1)		Brownwood	11 Apr
Stan McDaniel	USA	09 Mar 48	188/75	46.7*	(2)		Austin	18 Apr

(90)

Lloyd Wills	USA	19 May 50	188/73	46.7*	(1)	Pel R	Baton Rouge	18 Apr
Malcolm Yardley	GBR	23 Dec 40	174/65	46.7	(1)r1		Leicester	6 Jun
Bob Frey	USA	11 Apr 44	182/70	46.7	(2)	CISM	Viareggio	14 Jun
Waldemar Korycki	POL	11 Aug 46	179/69	46.7	(6)	Kusoc	Warszawa	19 Jun
Andreas Scheibe	GDR	17 Aug 51	181/71	46.7	(2)s2	NCh	Erfurt	3 Jul
Roger Velasquez	FRA	11 Dec 43	175/70	46.7	(6)	NCh	Colombes	19 Jul
Mike Hauck	GBR	05 Mar 45	176/74	46.7	(3)q1	Comm G	Edinburgh	22 Jul
Richard Simonsen	NOR	20 Aug 45	182/75	46.7	(1)		Zürich	25 Jul
Herbert Moser	FRG	28 Mar 47	180/70	46.7	(6)	NCh	Berlin	8 Aug
Yevgeniy Borisenko	URS	05 Jun 45	180/78	46.7	(4)	v GDR POL	Erfurt	26 Sep

(100)

Wickremasinghe Wimaladasa	SRI	29 Aug 44	177/62	46.7	(2)	Asian G	Bangkok	12 Dec
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(101 performers)

Unverified

Jacinto Hidalgo	VEN	04 Jan 43	178/68	46.3	()			
Luis Curiel	VEN			46.6	()			
Jorge Guerra	VEN			46.7	()			

AUTOMATIC TIMING

Charles Asati	KEN	03 Mar 46	178/68	45.01	(1)	Comm G	Edinburgh	23 Jul
Thomas Jordan	FRG	15 Mar 49	179/70	45.49	(3)	v USA	Stuttgart	15 Jul
Asati				45.59	(1)s2	Comm G	Edinburgh	23 Jul
Ross Wilson	AUS	31 Oct 50	193/82	45.61	(2)	Comm G	Edinburgh	23 Jul
Jordan				45.77	(1)	NCh	Berlin	8 Aug
Saimoni Tamani	FIJ	14 Nov 44	175/72	45.82	(3)	Comm G	Edinburgh	23 Jul
Claver Kamanya	TAN	25 Mar 47	175/65	45.84	(4)	Comm G	Edinburgh	23 Jul
Asati				45.86	(1)q3	Comm G	Edinburgh	22 Jul
Julius Sang	KEN	19 Sep 48	175/67	45.90	(1)s1	Comm G	Edinburgh	23 Jul
Wilson				45.94	(2)s1	Comm G	Edinburgh	23 Jul

Horst-Rüdiger Schlöske	FRG	01 Jan 46	178/67	46.03	(1)		München	8 Jul
Edwin Roberts	TRI	12 Aug 41	173/70	46.04	(3)s1	Comm G	Edinburgh	23 Jul
Kent Bernard	TRI	27 May 42	185/77	46.06	(5)	Comm G	Edinburgh	23 Jul
Kamanya				46.07	(4)s1	Comm G	Edinburgh	23 Jul
Hermann Köhler	FRG	12 Jan 50	183/72	46.11	(2)	NCh	Berlin	8 Aug
Roberts				46.13	(6)	Comm G	Edinburgh	23 Jul
Schlöske				46.15	(3)	NCh	Berlin	8 Aug
Clifton Forbes	JAM	18 Feb 46	183/76	46.19	(7)	Comm G	Edinburgh	23 Jul
Roberts				46.23	(1)q1	Comm G	Edinburgh	22 Jul
Tamani				46.27	(2)s2	Comm G	Edinburgh	23 Jul
Wilson				46.35	(2)q3	Comm G	Edinburgh	22 Jul
Sang				46.42	(8)	Comm G	Edinburgh	23 Jul
Martin Jellinghaus	FRG	26 Oct 44	187/83	46.45	(4)	NCh	Berlin	8 Aug
Samuel Bugri	GHA	02 Apr 43	182/70	46.51	(5)s1	Comm G	Edinburgh	23 Jun
Schlöske				46.54	(1)h5	NCh	Berlin	7 Aug
Jellinghaus				46.56	(1)h1	NCh	Berlin	7 Aug
Köhler				46.58	(1)h2	NCh	Berlin	7 Aug
Dieter Hübner	FRG	22 Jan 42	187/75	46.64	(5)	NCh	Berlin	8 Aug
Martin Bilham	GBR	03 Dec 46	183/76	46.65	(1)	AAA	London	8 Aug
Mike Hauck	GBR	05 Mar 45	176/74	46.75	(3)q1	Comm G	Edinburgh	22 Jul
Roland Rossmeissl	FRG	21 Jul 47	177/70	46.84	(3)		München	8 Jul
Herbert Moser	FRG	28 Mar 47	180/70	46.85	(6)	NCh	Berlin	8 Aug
Moser				46.9	(2)h1	NCh	Berlin	7 Aug
Hauck				46.96	(5)s2	Comm G	Edinburgh	23 Jun
Rossmeissl				46.97	(2)h2	NCh	Berlin	7 Aug
Hezekiah Nyamau	KEN	05 Dec 42	170/68	46.98	(2)q4	Comm G	Edinburgh	22 Jul
Mamman Makama	NGR	23 Nov 46	174/72	47.00	(4)q1	Comm G	Edinburgh	22 Jul
Jordan				47.00	(1)h3	NCh	Berlin	7 Aug
Fanahan McSweeney	IRL	21 Aug 47	183/76	47.08	(2)	AAA	London	8 Aug
Christian Nicolau	FRA	03 Feb 47	174/65	47.08	(1)	v FRG/B	Vittel	29 Aug
Peter Beaven	GBR	22 May 53	178/60	47.11	(1)	ECh/Jr	Colombes	12 Sep
Wolfgang Müller	FRG	26 Jan 43	180/69	47.26	(1)	v GBR	London	10 Jul
Helmar Müller	FRG	11 Aug 39	180/74	47.20	(3)h2	NCh	Berlin	7 Aug
Hübner				47.24	(1)h2	NCh	Berlin	7 Aug
Leonard Walters	GBR	27 Jan 47	173/66	47.30	(3)	AAA	London	8 Aug
Michael Zerbes	GDR	13 Sep 44	194/87	47.36	(2)	v GBR	London	10 Jul
Ulrich Reich	FRG	10 May 51	187/85	47.36	(2)	ECh/Jr	Colombes	12 Sep
Gary Knoke	AUS	05 Feb 42	190/80	47.36	(4)q4	Comm G	Edinburgh	22 Jul
Roger Velasquez	FRA	11 Dec 43	175/70	47.37	(2)	v FRG/B	Vittel	29 Aug
Siegfried Götz	FRG	13 Nov 49	187/75	47.39	(2)h4	NCh	Berlin	7 Aug

Rolf Krüsmann	FRG	06 Oct 41	172/60	47.40	(2)h3	NCh	Berlin	7 Aug
Leighton Priestley	JAM	18 Jan 51	180/66	47.41	(6)s1	Comm G	Edinburgh	23 Jun
Krüsmann				47.41	(3)	v FRA	Vittel	29 Aug
Anthony Egwunyenga	NGR	22 Jul 43	171/63	47.42	(3)q3	Comm G	Edinburgh	22 Jul
Hans-Dieter Löber	FRG	22 Dec 48		47.44	(4)	v FRA	Vittel	29 Aug
Reich				47.45	(3)h4	NCh	Berlin	7 Aug
Hans Reiner mann	FRG	18 Jan 46	179/70	47.50	(3)h1	NCh	Berlin	7 Aug
Löber				47.50	(4)h2	NCh	Berlin	7 Aug
Andrew Wood	GBR	11 Jul 44		47.52	(4)	AAA	London	8 Aug
Peter Trautwein	FRG	13 Jan 47		47.55	(3)h3	NCh	Berlin	7 Aug
Walters				47.56	(3)	v GDR	London	10 Jul
Yoshiharu Tomonaga	JPN	18 Feb 50	178/70	47.59	(5)	AAA	London	8 Aug
Jim Aukett	GBR	15 Apr 49	178/56	47.60	(6)	AAA	London	8 Aug
Semyon Kocher	URS	04 Dec 51	183/69	47.60	(2)h3	ECh/Jr	Colombes	11 Sep
Musa Dogon Yaro	NGR	27 Feb 45	172/70	47.62	(2)h5	Comm G	Edinburgh	22 Jul
McSweeney				47.62	(1)s2	AAA	London	7 Aug
Gerhard Henrich	FRG	11 Apr 47		47.64	(5)h2	NCh	Berlin	7 Aug
Andreas Scheibe	GDR	17 Aug 51	181/71	47.65	(3)	ECh/Jr	Colombes	12 Sep
Wood				47.79	(5)q1	Comm G	Edinburgh	22 Jul
Ralf-Peter Schulz	GDR	04 Sep 51	178/70	47.82	(3)h3	ECh/Jr	Colombes	11 Sep
Bilham				47.88	(2)s2	AAA	London	7 Aug
Hermann Schmieders	FRG	07 Jun 48		47.88	(4)h1	NCh	Berlin	7 Aug
Manfred Kuhn	FRG	24 May 49	186/75	47.88	(4)h4	NCh	Berlin	7 Aug
Patrick Salvador	FRA	21 Sep 51	178/73	47.96	(4)	ECh/Jr	Colombes	12 Sep
Wood				47.99	(1)s1	AAA	London	7 Aug

OTHER EUROPEAN PERFORMANCES

Nallet				45.7	(1)	EP/Sf	Zürich	1 Aug
Balachowski				45.9	(3)	Kusoc	Warszawa	19 Jun
Werner				45.9	(1)	EP	Stockholm	29 Aug
Badenski				46.0	(1)	v CSR HUN	Warszawa	27 Jun
Schloske				46.0	(1)		München	12 Jul
Schloske				46.0	(3)	NCh	Berlin	8 Aug
Badenski				46.0	(1)	v GBR	Warszawa	12 Sep
Badenski				46.0	(1)	v GDR URS	Erfurt	26 Sep
Werner				46.1	(1)	NCh	Warszawa	7 Aug
Badenski				46.1	(2)r2		Warszawa	3 Sep
McSweeney				46.2	(2)		Pasadena	29 May

Nallet					46.2	(2)		Colombes	10 Jun
Müller					46.2	(1)	NCh	Erfurt	4 Jul
Badenski					46.2	(2)	NCh	Warszawa	7 Aug
Kukkohao					46.2	(1)	v CSR	Praha	18 Sep

OTHER EUROPEAN PERFORMERS

Miro Kocuvan	YUG	16 Jul 47	175/75	46.8	(2)	EP/Sf	Sarajevo	1 Aug
Sergio Bello	ITA	06 May 42	178/70	46.8	(3)	EP/Sf	Sarajevo	1 Aug
Ulrich Reich	FRG	10 May 51	187/85	46.8	(1)s2		Bonn	29 Aug
Siegfried Götz	FRG	13 Nov 49	187/75	46.8	(1)		Bonn	30 Aug
Klaus Hauke	GDR	01 Mar 46	179/68	46.8	(3)	v BUL FIN	Leipzig	15 Sep
Claudio Trachelio	ITA	20 Mar 49	178/71	46.9	(1)	v ESP	Madrid	30 May

(40)

David Jenkins	GBR	25 May 52	190/82	46.9	(1)		Edinburgh	18 Jun
Yuriy Zorin	URS	04 Sep 47	182/68	46.9	(2)		Moskva	26 Jun
Leonard Walters	GBR	27 Jan 47	173/66	46.9	(2)		Motspur Park	27 Jun
Rainer Schubert	FRG	12 Oct 41	190/78	46.9	(4)		München	12 Jul
Luis Sarriá	ESP	08 May 49	186/75	46.9	(1)		Barcelona	26 Sep
Vladimir Nosenko	URS	14 Apr 49	183/69	46.9	(1)		Odessa	20 Oct
Furio Fusi	ITA	04 Dec 47	175/70	47.0	(1)		Roma	3 May
Lech Chludzinski	POL	24 Feb 48	175/73	47.0	(3)		Warszawa	30 May
Aleksandr Konnikov	URS	01 Dec 42	176/65	47.0	(3)	Znam	Kyiv	2 Jul
Patrice Viel	FRA	04 Apr 45	184/78	47.0	(7)	NCh	Colombes	19 Jul

(50)

István Rózsa	HUN	08 May 44		47.0	(4)	EP/Sf	Sarajevo	1 Aug
Michael Fredriksson	SWE	11 Mar 49	180/77	47.0	(1)	NCh	Växjö	15 Aug
Manfred Kuhn	FRG	24 May 49	186/75	47.0	(2)		Bonn	30 Aug
Peter Beaven	GBR	22 May 53	178/60	47.0	(1)	ECh/Jr	Colombes	2 Sep

Short distance

Siegfried Götz	FRG	13 Nov 49	187/75	45.2	(1)		Innsbruck (397 mt)	26 Sep
Robert Ouko	KEN	24 Nov 48	173/68	A 45.8	(2)		Nairobi (396.4 mt)	27 Jun

800 METRES (874.89 yards) * 880 yards time less 0.6 sec. + made during 880 yards race

Ken Swenson	USA	18 Apr 48	177/66	1:44.8	(1)	v FRG	Stuttgart	16 Jul
Walter Adams	FRG	15 Mar 45	172/67	1:44.9	(2)	v USA	Stuttgart	16 Jul

Franz-Josef Kemper	FRG	30 Sep 45	179/67	1:45.4	(3)	v USA	Stuttgart	16 Jul	
Yevgeniy Arzhanov	URS	22 Apr 48	179/68	1:45.5	(1)h2	Znam	Kyiv	2 Jul	
Fanie van Zijl	RSA	07 Jul 48	177/68	A 1:45.6	(1)	NCh	Pretoria	28 Mar	
Mark Winzenried	USA	13 Oct 49	188/77	1:45.6	(4)	v FRG	Stuttgart	16 Jul	
Arzhanov				1:45.6	(1)	v USA	Leningrad	23 Jul	
Svenson				1:45.7*	(1)	NCAA	Des Moines	20 Jun	
Dicky Broberg	RSA	08 Jul 49	179/70	A 1:45.9	(2)	NCh	Pretoria	28 Mar	
Pat Collins	USA	05 Dec 48	189/75	1:45.9*	(2)	NCAA	Des Moines	20 Jun	
Kemper				1:45.9	(1)	NCh	Berlin	9 Aug	
Jozef Plachý	CSR	28 Feb 49	182/73	1:45.9+	(1)	v FIN	Praha	19 Sep	
Plachý				1:46.0	(2)	USA v URS	Leningrad	23 Jul	
Broberg				A 1:46.1	(1)		Stellenbosch	20 Mar	
Plachý				1:46.3	(1)		Warszawa	3 Sep	
Plachý				1:46.4	(1)		Ostrava	28 May	
Art Sandison	USA	07 Jan 48	178/73	1:46.4*	(3)	NCAA	Des Moines	20 Jun	
Winzenried				1:46.4	(3)	v URS	Leningrad	23 Jul	
Adams				1:46.6	(2)	NCh	Berlin	9 Aug	
Winzenried				1:46.7*	(4)	NCAA	Des Moines	20 Jun	
Kemper				1:46.7	(1)		Hannover	25 Jun	
Svenson				1:46.8*	(1)	AAU	Bakersfield	27 Jun	
Winzenried				1:46.8*	(2)	AAU	Bakersfield	27 Jun	
Robert Ouko	KEN	24 Nov 48	173/68	1:46.8	(1)	Comm G	Edinburgh	25 Jul	1:46.89
Reiner Föhrenbach	FRG	05 Mar 49	189/72	1:46.8	(3)	NCh	Berlin	9 Aug	
Arzhanov				1:46.8	(1)	NCh	Minsk	13 Sep	
Plachý				1:46.9	(1)		Stockholm	1 Jul	
Andrzej Kupczyk	POL	26 Oct 48	177/64	1:46.9	(1)		Warszawa	16 Aug	
Plachý				1:47.0	(1)		Kosice	11 Jul	
Stanislav Waskiewicz	POL	09 Sep 47	178/70	1:47.0	(1)	NCh	Warszawa	8 Aug	
Dieter Fromm	GDR	21 Apr 48	176/64	1:47.0	(1)		Erfurt	2 Sep	
Waskiewicz				1:47.0	(2)		Warszawa	3 Sep	
Winzenried				1:47.0	(3)		Warszawa	3 Sep	

(33 performances)

John Davies	GBR	17 Jan 49	184/74	1:47.2	(1)		Birmingham	6 May	
Dave Wottle	USA	07 Aug 50	183/65	1:47.2*	(1)	USTFF	Wichita	12 Jun	
Andy Carter	GBR	29 Jan 49	183/69	1:47.2	(1)	WK	Zürich	3 Jul	
Colin Campbell	GBR	20 Jun 46	185/76	1:47.2	(2)	WK	Zürich	3 Jul	
Danie Malan	RSA	26 Jun 50	183/72	A 1:47.3	(2)		Stellenbosch	8 Apr	

(20)

Mathias Habtemichael	ETH	14 Nov 50	183/68	1:47.3*	(5)	NCAA	Des Moines	20 Jun	
Tom Von Ruden	USA	22 Aug 44	183/72	1:47.3*	(3)	AAU	Bakersfield	27 Jun	
Henryk Szordykowski	POL	03 Jun 44	180/67	1:47.3	(2)	NCh	Warszawa	8 Aug	
Phil Lewis	GBR	10 Nov 49	178/72	1:47.4	(2)		Edinburgh	13 Jun	
Benedict Cayenne	TRI	22 Mar 44	180/72	1:47.4	(2)	Comm G	Edinburgh	25 Jul	1:47.42
Bill Smart	CAN	05 Jun 48	177/68	1:47.4	(3)	Comm G	Edinburgh	25 Jul	1:47.43
Naftali Bon	KEN	09 Oct 45	177/61	A 1:47.4	(1)	Eafr Ch	Nairobi	29 Aug	
Martin Winbolt Lewis	GBR	14 Nov 46	185/73	1:47.5	(3)		Edinburgh	13 Jun	
Kazimierz Wardak	POL	04 Mar 47	180/70	1:47.5	(3)	NCh	Warszawa	8 Aug	
Jens-Bodo Fried	FRG	16 Jul 47	183/77	1:47.5	(4)	NCh	Berlin	9 Aug	
(30)									
Ralph Doubell	AUS	12 Feb 45	180/65	1:47.6	(1)	NCh	Adelaide	22 Mar	
Lowell Paul	USA	03 Mar 44	186/77	1:47.6*	(2)	USTFF	Wichita	12 Jun	
Keith Colburn	USA	04 Jan 48	182/66	1:47.6*	(3)	USTFF	Wichita	12 Jun	
Byron Dyce	JAM	27 Mar 48	178/67	1:47.6*	(1)		New York	13 Jun	
John Perry	USA	20 May 44	188/77	1:47.6*	(4)	AAU	Bakersfield	27 Jun	
Hans Bertram	FRG	08 Feb 49	183/65	1:47.6	(5)	NCh	Berlin	9 Aug	
Thomas Saisi	KEN	19 Jul 45	173/68	A 1:47.6	(2)	Eafr Ch	Nairobi	29 Aug	
Jan Radomski	POL	21 Oct 46	181/68	1:47.6	(5)		Warszawa	3 Sep	
Mike Maclean	GBR	04 May 46	178/64	1:47.7	(4)		Edinburgh	13 Jun	
Jerzy Maluski	POL	28 Jan 46	171/61	1:47.7	(1)r1	v CSR HUN	Warszawa	28 Jun	
(40)									
Chris Fisher	AUS	02 Oct 49	183/68	1:47.7	(4)	Comm G	Edinburgh	25 Jul	1:47.78
Tomás Jungwirth	CSR	24 Nov 42	187/77	1:47.7+	(2)	v FIN	Praha	19 Sep	
John Lilly	USA	02 Nov 48	175/66	1:47.8*	(3)	Pac 8	West Los Angeles	16 May	
Wolfgang Schmidt	GDR	15 Feb 50	180/64	1:47.8	(1)		Erfurt	10 Jun	
Ulrich Schmidt	GDR	15 Feb 50	180/64	1:47.8	(1)		Erfurt	4 Jul	
Ivan Ivanov	URS	26 Jun 48	180/72	1:47.8	(4)	v USA	Leningrad	23 Jul	
Francesco Arese	ITA	13 Apr 44	187/69	1:47.8	(1)		Cagliari	21 Oct	
Eric Reygaert	BEL	02 Sep 48	170/67	1:47.9	(1)		Bruxelles	28 Jun	
Gernot Schoch	FRG	27 Aug 44	176/67	1:47.9	(6)	NCh	Berlin	9 Aug	
Markku Aalto	FIN	25 Mar 49	181/71	1:47.9+	(3)	v CSR	Praha	19 Sep	
(50)									
Jimmy Crampton	MYA	23 Jul 49	170/51	1:47.9	(1)	Asian G	Bangkok	11 Dec	
Bob Kaczka	USA	48	180/73	1:48.0*	(6)	NCAA	Des Moines	20 Jun	
Willy Vandenwyngaerden	BEL	02 Oct 45	175/70	1:48.0	(3)		Koblenz	24 Jun	
Bram Wassenaar	NED	30 Mar 44	181/70	1:48.0	(1)		Papendal	19 Aug	
Kauko Lumiaho	FIN	29 Jun 45	177/63	1:48.0+	(4)	v CSR	Praha	19 Sep	
Stanislav Meshcherskikh	URS	11 Apr 49	180/66	1:48.0	(1)		Sverdlovsk	23 Sep	
John Greatrex	GBR	22 Feb 48	186/73	1:48.1	(4)		Koblenz	24 Jun	

Peter Browne	GBR	03 Feb 49	174/64	1:48.1	(1)	v FRA B	Cwmbran	1 Aug
Josip Medjimurec	YUG	06 Aug 45	177/66	1:48.1	(1)	Balkan G	Bucuresti	14 Aug
Dennis Stephens	USA	28 May 49	183/75	1:48.2*	(1)		Pasadena	29 May
(60)								
Sergey Kryuchok	URS	27 Feb 42	177/65	1:48.2	(1)		Moskow	11 Jun
Gilles Sibon	FRA	28 Sep 45	176/62	1:48.2	(1)	NCh	Colombes	19 Jul
Kerry Ellison	USA	14 Oct 50	193/79	A 1:48.3*	(1)	WAC	Salt Lake City	16 May
Chuck LaBenz	USA	06 Dec 48	183/73	A 1:48.3*	(2)	WAC	Salt Lake City	16 May
Reinhard Dominik	GDR	01 Aug 49	175/65	1:48.3	(3)		Erfurt	10 Jun
Manfred Henne	FRG	11 Jun 44	178/65	1:48.3	(5)		Koblenz	24 Jun
Ralph Schultz	USA	04 Jun 47	188/80	1:48.3*	(6)	AAU	Bakersfield	27 Jun
Rudi Simon	BEL	23 Mar 46	180/72	1:48.3	(2)		Bruxelles	28 Jun
Noel Carroll	IRL	07 Dec 41	188/80	1:48.3	(1)		Dublin	8 Sep
Sri Ram Singh	IND	21 Jun 50	178/63	1:48.3	(2)	Asian G	Bangkok	11 Dec
(70)								
Jim Neihouse	USA	24 May 49	186/77	1:48.4*	(1)		Los Angeles	28 Mar
Gheorghe Ungureanu	ROU	14 Sep 47		1:48.4	(1)	EP/Sf	Barcelona	21 Jun
Henryk Glówczewski	POL	20 Oct 44	176/74	1:48.4	(2)r1	v CSR HUN	Warszawa	28 Jun
Alfred Seyffarth	GDR	27 Jan 48	172/66	1:48.4	(1)		Erfurt	7 Aug
Zenon Szordykowski	POL	06 Jul 47	174/67	1:48.4	(4)	NCh	Warszawa	8 Aug
Pavel Penkava	CSR	26 Dec 44	177/65	1:48.4	(1)		Stará Boleslav	19 Aug
Keith Wheeler	AUS	11 Jun 43	183/70	1:48.5	(1)		Perth	21 Feb
Roscoe Divine	USA	03 Nov 47	185/73	1:48.5*	(1)		Eugene	2 May
Brian McElroy	USA	10 Dec 49	183/73	1:48.5*	(3)	Cal R	Modesto	23 May
Larry Le Master	USA		180/73	1:48.5*	(1)		Los Angeles	23 Jun
(80)								
Vladimir Kolesnikov	URS	19 Jul 46		1:48.5	(2)h3	Znam	Kyiv	2 Jul
Anton Adam	FRG	17 May 44	183/71	1:48.5	(7)	NCh	Berlin	9 Aug
Valentin Taratynov	URS	24 Jun 48		1:48.5	(3)	NCh	Minsk	13 Sep
Noel Clough	AUS	25 Apr 37	186/73	1:48.6	(2)	NCh	Adelaide	22 Mar
Heiner Himstadt	FRG	06 Aug 48	177/65	1:48.6	(2)		Stuttgart	6 Jun
Eryk Zelazny	POL	02 Dec 43	175/62	1:48.6	(3)r1	v CSR HUN	Warszawa	28 Jun
Sjef Hensgens	NED	27 Jan 48	179/67	1:48.6	(4)		Eschweiler	10 Jul
Jean Danic	FRA	10 May 49	171/67	1:48.6	(2)	NCh	Colombes	19 Jul
Maurice Lurot	FRA	13 Apr 40	175/68	1:48.6	(3)	NCh	Colombes	19 Jul
Jean-Claude Labeau	FRA	5 Nov 44	176/62	1:48.6	(2)	v GBR B	Cwmbran	1 Aug
(90)								
Ion Damaschin	ROU	21 Feb 47		1:48.6	(3)		Bucuresti	13 Sep
Mike Mosley	USA	12 Dec 47	183/73	1:48.7*	(1)		Austin	18 Apr
Neville Myton	JAM	28 May 46	180/69	1:48.7*	(1)		San José	2 May

Bob Langston	USA	15 Dec 50	183/70	1:48.7*	(4)	Pac 8	West Los Angeles	16 May	
Dennis Flood	USA	49	183/73	1:48.7	(1)	King	Villanova	16 May	
Krzysztof Linkowski	POL	26 Oct 49	171/63	1:48.7	(3)r1	Kusoc	Warszawa	20 Jun	
Antonio Fernández-Ortiz	ESP	14 May 48	173/66	1:48.7	(1)	v FRA	Colombes	28 Jun	
Lothar Hirsch	FRG	17 Dec 43	181/69	1:48.7	(5)		Eschweiler	10 Jul	
Dave Cropper	GBR	26 Dec 45	185/73	1:48.7	(3)	v GBR B	Cwmbran	1 Aug	
Jerzy Sawicki	POL	03 Jul 46	178/65	1:48.7	(5)	NCh	Warszawa	8 Aug	
(100)									
Gilbert Van Manshoven	BEL	26 May 46	178/70	1:48.7	(2)		Blankenberge	14 Aug	
Donaldo Arza	PAN	15 Aug 46	180/69	1:48.7	(2)		München	17 Sep	
Yoshitate Tsuchiya	JPN	23 Aug 43	172/58	1:48.7	(3)	Asian G	Bangkok	11 Dec	

(103 performers)

OTHER EUROPEAN PERFORMANCES

Adams				1:47.1	(1)		Koblenz	24 Jun
Kupczyk				1:47.1	(4)		Warszawa	3 Sep
Plachý				1:47.1	(1)		Ostrava	12 Sep
Campbell				1:47.3	(1)		Edinburgh	13 Jun
Plachý				1:47.3	(1)	v HUN POL	Warszawa	28 Jun
Kemper				1:47.4	(1)		Eschweiler	10 Jul

1.000 METRES (1.093,61 yards)

Francesco Arese	ITA	13 Apr 44	187/69	2:16.9	(1)		Torino	11 Oct	
Tom Von Ruden	USA	22 Aug 44	183/72	A 2:19.0	(1)		South Lake Tahoe	18 Jul	
Jozef Plachý	CSR	28 Feb 49	182/73	2:19.4	(1)		Kosice	4 Oct	
Arese				2:19.4	(1)		Reggio Emilia	4 Oct	
Andrzej Kupczyk	POL	26 Oct 48	177/64	2:20.2	(2)		Kosice	4 Oct	
Ralph Doubell	AUS	12 Feb 45	180/65	2:20.8	(1)		Melbourne	12 Mar	
John Mason	USA	29 Dec 45	180/63	2:20.8	(1)		Formia	7 May	
Robert Ouko	KEN	24 Nov 48	173/68	2:21.1	(2)		Formia	7 May	
Mohamed Younis	PAK	04 Nov 48	175/70	2:21.1	(1)		Aachen	13 Aug	
Tomás Jungwirth	CSR	24 Nov 42	187/77	2:21.2	(3)		Formia	7 May	
Stanislav Meshcherskikh	URS	11 Apr 49	180/66	2:21.2	(1)		Sverdlovsk	20 Sep	
(10)									
Jean-Pierre Dufresne	FRA	16 Jun 45	177/66	2:21.3	(1)		Saint-Maur	3 Jun	
Franz-Josef Kemper	FRG	30 Sep 45	179/67	2:21.3	(1)		Walcz	22 Jul	
Eric Reygaert	BEL	02 Sep 48	170/67	2:21.4	(1)		Bruxelles	17 Sep	

Stanislaw Waskiewicz	POL	09 Sep 47	172/61	2:21.6	(2)		Walcz	22 Jul
Eryk Zelazny	POL	02 Dec 43	175/62	2:21.8	(3)		Walcz	22 Jul
Josip Medjimurec	YUG	06 Aug 45	177/66	2:21.9	(4)		Formia	7 May
Fanie van Zijl	RSA	07 Jul 48	177/68	A 2:21.9	(1)		Potchefstroom	24 Oct
2:21.8 in SAF Annual								
Pierre Toussaint	FRA	06 Apr 44	175/65	2:22.0	(2)		Saint-Maur	3 Jun
Pavel Penkava	CSR	26 Dec 44	177/65	2:22.0	(1)		Liberec	11 Aug
Guy Fontaine	FRA	02 Feb 49	175/65	2:22.1	(3)		Saint-Maur	3 Jun
(20)								
Harald Norpoth	FRG	22 Aug 42	184/60	2:22.2	(2)		Dormagen	18 Jul
Jan Radomski	POL	21 Oct 45	181/68	2:22.2	(4)		Walcz	22 Jul
Zenon Szordykowski	POL	06 Jul 47	174/67	2:22.2	(5)		Walcz	22 Jul
Graham Crouch	AUS	11 Jan 48	170/58	2:22.3	(2)		Melbourne	12 Mar
John Whetton	GBR	06 Sep 41	179/68	2:22.3	(1)		Beeston	13 Jun
Andy Carter	GBR	29 Jan 49	183/69	2:22.3	(2)		Beeston	13 Jun
Lothar Hirsch	GDR	17 Dec 43		2:22.4	(2)		Aachen	13 Aug
Noel Clough	AUS	25 Apr 37	186/73	2:22.5	(3)		Melbourne	12 Mar
Hans-Lothar Thomann	FRG	08 Jul 49		2:22.5	(1)		München	05 Aug
Serge Bossy	FRA		48	2:22.6	(1)		Angers	5 Apr
(30)								
Arnd Krüger	FRG	01 Jul 44	188/70	2:22.6	(3)		Dormhagen	18 Jul
Paul-Heinz Wellmann	FRG	31 Mar 52	179/69	2:22.6	(1)		Haiger	20 Sep
Robert Falconer	AUS	07 Apr 45		2:22.8	(4)		Melbourne	12 Mar
Dave Cropper	GBR	26 Dec 45	185/73	2:22.8	(3)		Beeston	13 Jun
Donaldo Arza	PAN	15 Aug 46	180/69	2:22.8	(1)		Darmstadt	22 Jul
Erk Maasch	FRG	21 Jun 42	181/68	2:22.8	(1)		Bonn	26 Sep
Camille Viale	FRA	28 Apr 47		2:22.9	(4)		Saint-Maur	3 Jun
Manfred Henne	FRG	11 Jun 44	178/65	2:22.9	(1)		Waiblingen	22 Aug
Rolf Storr	FRG	09 Jan 47		2:22.9	(2)		Waiblingen	22 Aug
Hans-Henning Ohlert	GDR	23 Sep 52	180/70	2:23.0	(1)		Potsdam	18 May

(40 performers)

1.500 METRES (1.640,42 yards) + made during 1 mile race

Jean Wadoux	FRA	29 Jan 42	180/60	3:34.0	(1)		Colombes	23 Jul
Kipchoge Keino	KEN	17 Jan 40	178/66	3:36.6	(1)	Comm G	Edinburgh	22 Jul
Keino				3:37.5	(1)		Abidjan	4 Apr
Wadoux				3:38.0	(1)	NCh	Colombes	18 Jul

3:36.68

Dick Quax	NZL	01 Jan 48	187/73	3:38.1	(2)	Comm G	Edinburgh	22 Jul	3:38.19
Francesco Arese	ITA	13 Apr 44	187/69	3:38.7	(1)		Barcelona	3 Jun	
Henryk Szordykowski	POL	03 Jun 44	180/67	3:38.8	(1)	v GBR	Warszawa	12 Sep	
André De Hertoghe	BEL	19 Apr 41	172/58	3:38.9	(1)		Blankenberge	14 Aug	
Peter Stewart	GBR	08 Aug 47	170/60	3:39.0	(2)	v POL	Warszawa	12 Sep	
Arese				3:39.1	(1)	Nott	Milano	1 Jul	
Jürgen May	FRG	18 Jun 42	176/64	3:39.2	(1)		Stuttgart	20 Aug	
Keino				A 3:39.2	(1)	EAfr Ch	Nairobi	29 Aug	
Gianni Del Buono	ITA	01 Oct 43	178/65	3:39.3	(2)	Nott	Milano	1 Jul	
De Hertoghe				3:39.5	(1)		Köln	11 Aug	
Arne Kvalheim	NOR	25 Apr 45	182/66	3:39.6	(1)		Oslo	26 Aug	
Marty Liquori	USA	11 Sep 49	185/63	3:39.9	(3)	Nott	Milano	1 Jul	
May				3:39.9	(1)		Rodenbach	1 Aug	
May				3:40.0	(1)		Stockholm	9 Jun	
Harald Norpoth	FRG	22 Aug 42	184/60	3:40.0	(1)		Koblenz	24 Jun	
Kvalheim				3:40.1	(1)	Bisl	Oslo	5 Aug	
Kvalheim				3:40.2	(1)		Stockholm	29 Jul	
P.Stewart				3:40.3	(2)		Koblenz	24 Jun	
Pavel Penkava	CSR	26 Dec 44	177/65	3:40.3	(1)	v FIN	Praha	18 Sep	
Szordykowski				3:40.4	(1)	Kusoc	Warszawa	19 Jun	3:40.2 ?
Szordykowski				3:40.4	(1)	v CSR HUN	Warszawa	27 Jun	
Keino				3:40.4	(1)h1	Comm G	Edinburgh	18 Jul	
Mikhail Zhelobovskiy	URS	08 May 46	174/62	3:40.5	(1)	v USA	Leningrad	24 Jul	
Brendan Foster	GBR	12 Jan 48	178/68	3:40.6	(3)	Comm G	Edinburgh	22 Jul	3:40.63
P.Stewart				3:40.6	(4)	Comm G	Edinburgh	22 Jul	3:40.64
Tom Birger Hansen	DEN	25 Feb 48	180/69	3:40.6	(2)		Stockholm	29 Jul	
Liquori				3:40.6	(2)	Bisl	Oslo	5 Aug	
De Hertoghe				3:40.7	(1)		Eschweiler	10 Jul	
May				3:40.7	(1)	v USA	Stuttgart	15 Jul	
Szordykowski				3:40.7	(3)		Stockholm	29 Jul	
Arese				3:40.7	(3)	Bisl	Oslo	5 Aug	
May				3:40.7	(2)		Köln	11 Aug	
Alfred Seyffarth	GDR	27 Jan 48	172/66	3:40.7	(1)		Erfurt	28 Aug	

(37 performances)

Witold Baran	POL	29 Jul 39	178/70	3:40.8	(2)	v CSR HUN	Warszawa	27 Jun	
Petr Blahá	CSR	18 Feb 42	185/73	3:40.9	(3)	v HUN POL	Warszawa	27 Jun	
Norm Trérise	CAN	03 Jun 47	187/68	3:40.9	(4)	Bisl	Oslo	5 Aug	

(20)

Robert Leborgne	FRA	24 Apr 47	173/58	3:40.9	(3)		Köln	11 Aug	
Bernd Exner	GDR	29 Aug 49	176/63	3:40.9	(2)		Erfurt	28 Aug	
Knut Kvalheim	NOR	14 Jun 50	191/75	3:41.0	(2)		Oslo	26 Aug	
Jerzy Maluski	POL	28 Jan 46	171/61	3:41.0	(3)	v GBR	Warszawa	12 Sep	
Walter Wilkinson	GBR	02 Nov 44	173/65	3:41.0	(4)	v POL	Warszawa	12 Sep	
Pekka Vasala	FIN	17 Apr 48	183/66	3:41.0	(2)	v CSR	Praha	18 Sep	
Roscoe Divine	USA	03 Nov 47	185/73	3:41.2+	(1)		Eugene	5 Jun	
John Whetton	GBR	06 Sep 41	179/68	3:41.2	(5)	Comm G	Edinburgh	22 Jul	3:41.28
Frank Thome	FRG	31 Aug 40	181/73	3:41.3	(1)		München	17 Sep	
Jere Van Dyk	USA	14 Dec 45	179/68	3:41.4	(2)	v URS	Leningrad	24 Jul	
(30)									
Mohamed Younis	PAK	04 Nov 48	175/70	3:41.4	(4)		Köln	11 Aug	
Gilbert Van Manshoven	BEL	26 May 46	178/70	3:41.4	(5)		Köln	11 Aug	
Ian Stewart	GBR	15 Jan 49	178/65	3:41.5	(1)	v GDR	London	10 Jul	3:41.54
Klaus-Peter Justus	GDR	01 Jul 51	173/62	3:41.5	(2)	v GBR	London	10 Jul	3:41.54
Michel Blondel	FRA	04 Sep 49	170/64	3:41.5	(2)	NCh	Colombes	18 Jul	
Frank Murphy	IRL	21 May 47	184/70	3:41.6	(3)		Malmö	19 Aug	
Franz-Josef Kemper	FRG	30 Sep 45	179/67	3:41.7	(2)		Blankenberge	14 Aug	
Chris Fisher	AUS	02 Oct 49	183/70	3:41.9	(1)	NCh	Adelaide	21 Mar	
Jan-Ingvar Ohlsson	SWE	21 Apr 46	170/62	3:41.9	(2)		Stockholm	9 Jun	
Bram Wassenaar	NED	30 Mar 44	181/70	3:41.9	(5)	Nott	Milano	1 Jul	
(40)									
Émile Puttemans	BEL	08 Oct 47	175/64	3:41.9	(1)		Bruxelles	19 Sep	
Andrzej Kupczyk	POL	26 Oct 48	177/64	3:42.0	(1)	NCh	Warszawa	9 Aug	
De Villiers Lamprecht	RSA	22 Dec 42	186/65	3:42.1+	(1)		Stellenbosch	13 Nov	
Ian McCafferty	GBR	24 Nov 44	175/57	3:42.2	(6)	Comm G	Edinburgh	22 Jul	3:42.21
Andy Carter	GBR	29 Jan 49	183/69	3:42.3	(2)	v GBR B	Cwmbran	1 Aug	
Rudi Simon	BEL	23 Mar 46	180/72	3:42.4	(4)		Eschweiler	10 Jul	
Eryk Zelazny	POL	02 Dec 43	175/62	3:42.6	(3)	Kusoc	Warszawa	19 Jun	
Phil Thomas	GBR	10 Jun 48	175/64	3:42.6	(7)	Comm G	Edinburgh	22 Jul	3:42.64
Vladimír Duda	CSR	27 Apr 46	172/63	3:42.6	(1)		Stará Boleslav	19 Aug	
Matti Tuura	FIN	27 Feb 46	185/72	3:42.6	(1)	v BUL GDR	Leipzig	15 Sep	
(50)									
Atanas Atanasov	BUL	19 Sep 45	179/64	3:42.7	(2)	v FIN GDR	Leipzig	15 Sep	
Stanislav Meshcherskikh	URS	11 Apr 49	180/66	3:42.8	(1)		Sverdlovsk	24 Aug	
Anatoliy Verlan	URS	26 Dec 43	172/57	3:42.8	(2)	NCh	Minsk	14 Sep	
Oleg Rayko	URS	08 Jan 45	173/66	3:42.9	(2)		Potsdam	14 Jun	
János Török	HUN	05 Jun 46	176/56	3:42.9	(5)	v CSR POL	Warszawa	27 Jun	
Anders Gärderud	SWE	28 Aug 46	186/70	3:43.0	(3)		Stockholm	9 Jun	
Stephan Künzel	GDR	03 Nov 49	187/70	3:43.0	(1)		Erfurt	10 Jun	

Viktor Semyashkin	URS	29 Dec 47	179/65	3:43.0	(3)	NCh	Minsk	14 Sep
Tony Manning	AUS	09 Jan 43	182/67	3:43.1	(1)		Sydney	17 Jan
Howell Michael	USA	31 Aug 49	178/66	3:43.1	(2)	v FRG	Stuttgart	15 Jul
(60)								
Ben Jipcho	KEN	01 Mar 43	178/64	3:43.2	(2)	Zauli	Roma	16 May
Jean-Pierre Dufresne	FRA	16 Jun 45	177/66	3:43.2	(2)		Sochaux	6 Jun
Mathias Seidler	GDR	05 Feb 44	174/64	3:43.2	(2)		Erfurt	10 Jun
Henryk Glówczewski	POL	20 Oct 44	176/74	3:43.2	(5)	Kusoc	Warszawa	19 Jun
Wilfried Scholz	GDR	23 Nov 50	186/71	3:43.2	(7)		Malmö	19 Aug
Stanislav Petr	CSR	15 Sep 44	180/65	3:43.2	(2)		Stará Boleslav	19 Aug
Mikhail Zhelev	BUL	15 Jul 43	175/63	3:43.2	(1)		Sofia	26 Sep
Yuriy Makarov	URS	01 Jan 44		3:43.3	(2)		Sochi	4 Oct
Renzo Finelli	ITA	24 Aug 45	176/72	3:43.4	(3)	Zauli	Roma	16 May
John Kirkbride	GBR	24 Mar 47	174/62	3:43.4	(1)		Loughborough	28 May
(70)								
Ortvin Scheible	ROU	07 Dec 40		3:43.4	(6)	Nott	Milano	1 Jul
Ivan Kovác	CSR	25 Dec 48	178/68	3:43.4	(3)		Stará Boleslav	19 Aug
Alberto Esteban	ESP	06 Jan 43	175/55	3:43.6	(4)	Zauli	Roma	16 May
Mansour Guettaya	TUN	26 Dec 49	178/68	3:43.6	(6)	Zauli	Roma	16 May
Josef Horcic	CSR	25 May 45	183/74	3:43.6	(4)		Oslo	26 Aug
Kauko Lumiaho	FIN	29 Jun 45	177/63	3:43.6	(5)	v BUL GDR	Leipzig	15 Sep
Róbert Honti	HUN	30 Jan 43	181/69	3:43.7	(6)	v CSR POL	Warszawa	27 Jun
Jorge Grosser	CHI	08 Jul 45	179/60	3:43.7	()			
Peter Reeves	NZL	20 Aug 46		3:43.8	()		Whangarei	17 Jan
Gérard Vervoort	FRA	06 May 36	174/69	3:43.8	(4)	NCh	Colombes	18 Jul
(80)								
Petre Lupan	ROU	12 Jun 50	157/54	3:43.8	(1)	NCh	Bucuresti	29 Aug
Herman Mignon	BEL	21 Mar 51	180/68	3:43.9	(2)		Bruxelles	19 Sep
Ergas Leps	CAN	25 Aug 39	181/75	3:43.9	(4)	v SWE NOR	Victoria	19 Sep
Keith Wheeler	AUS	11 Jun 43	183/70	3:44.0	(3)	NCh	Adelaide	21 Mar
Stanislav Hoffman	CSR	27 Mar 45	171/64	3:44.0	(1)		Stará Boleslav	13 May
Dietmar Nagel	GDR	04 Aug 45	175/60	3:44.0	(3)		Berlin	18 Jun
Jan Kondzior	POL	02 Jan 48	176/63	3:44.0	(7)	Kusoc	Warszawa	19 Jun
Ioan Nicolae	ROU	04 Feb 47		3:44.0	(2)	NCh	Bucuresti	29 Aug
Shibrou Regassa	ETH	14 Jul 44	175/57	A 3:44.0	(2)	EAfr Ch	Nairobi	29 Aug
Chris Mason	GBR	05 Dec 48	180/66	3:44.1	(3)	King	Villanova	16 May
(90)								
Richard Tayler	NZL	12 Aug 48	178/69	3:44.2	(1)	NCh	Auckland	28 Feb
Erk Maasch	FRG	21 Jun 42	181/68	3:44.2	(2)		München	12 Jul
John Denholm	AUS	26 Sep 42		3:44.3	(4)	NCh	Adelaide	21 Mar

Byron Dyce	JAM	27 Mar 48	178/67	3:44.3	(4)	King	Villanova	16 May
Bernd Dreke	GDR	27 Feb 45		3:44.3	(4)		Erfurt	10 Jun
Pierre Toussaint	FRA	06 Apr 44	172/67	3:44.3	(5)	NCh	Colombes	18 Jul
Yevgeniy Arzhanov	URS	22 Apr 48	179/68	3:44.4	(2)		Moskva	30 May
Norman Morrison	GBR	13 Mar 49	173/57	3:44.5	(1)		Birmingham	13 May
Guy Fontaine	FRA	02 Feb 49	175/65	3:44.5	(2)		Colombes	28 May
Vladimir Afonin	URS	04 Dec 48	169/60	3:44.5	(3)	Znam	Kyiv	3 Jul
(100)								
Tony Polhill	NZL	15 Dec 47	187/77	3:44.6	(2)	NCh	Auckland	28 Feb
Michal Skowronek	POL	27 Sep 49	183/72	3:44.6	(8)	Kusoc	Warszawa	19 Jun
Hamida Gammoudi	TUN	10 Jul 48		3:44.6	(1)	WK	Zürich	3 Jul
Claude Nicolas	FRA	21 Sep 41	180/70	3:44.6	(2)	WK	Zürich	3 Jul
Hübert Stecher	FRG	01 Jul 46	176/60	3:44.6	(1)		München	19 Aug
Paul Cherop	KEN			A 3:44.6	(3)	EAFr Ch	Nairobi	29 Aug
Uldis Rubezis	URS	28 May 45	175/66	3:44.6	(5)	NCh	Minsk	14 Sep

(107 performers)

1 MILE (1.609,35 metres)

Roscoe Divine	USA	03 Nov 47	185/73	3:56.3	(1)		Eugene	5 Jun
Chuck LaBenz	USA	06 Dec 48	183/73	3:56.9	(1)	Kenn	Berkeley	30 May
John Kirkbride	GBR	24 Mar 47	174/62	3:57.0	(1)		London	5 Jul
Steve Prefontaine	USA	25 Jan 51	177/65	3:57.4	(2)		Eugene	5 Jun
Ian Stewart	GBR	15 Jan 49	178/65	3:57.4	(1)		Edinburgh	13 Jun
Peter Stewart	GBR	08 Aug 47	170/60	3:57.4	(2)		Edinburgh	13 Jun
Tom Von Ruden	USA	22 Aug 44	183/72	3:57.6	(1)		Toronto	25 Jul
John Whetton	GBR	06 Sep 41	179/68	3:57.7	(2)		London	5 Jul
De Villiers Lamprecht	RSA	22 Dec 42	186/65	A 3:57.7	(1)		Stellenbosch	13 Nov
Dick Quax	NZL	01 Jan 48	187/73	3:57.8	(1)		Auckland	18 Mar
Walter Wilkinson	GBR	02 Nov 44	173/65	3:58.1	(3)		London	5 Jul
Dave Wilborn	USA	17 Sep 45	170/61	3:58.2	(3)		Eugene	5 Jun
John Mason	USA	29 Dec 45	180/63	3:58.4	(2)	Kenn	Berkeley	30 May
Marty Liquori	USA	11 Sep 49	185/63	3:58.5	(1)	IC4A	Philadelphia	30 May
Graham Crouch	AUS	11 Jan 48	170/58	3:58.7	(1)		Melbourne	18 Dec
Fanie van Zijl	RSA	07 Jul 48	177/68	A 3:59.0	(1)		Pretoria	17 Mar
Howell Michael	USA	31 Aug 49	178/66	3:59.0	(2)	IC4A	Philadelphia	30 May
Dave Wottle	USA	07 Aug 50	183/65	3:59.0	(1)	CCCCh	Bloomington	6 Jun
Norm Trérise	CAN	03 Jun 47	187/68	3:59.1	(4)		Eugene	5 Jun

LaBenz				3:59.1	(1)	Rose Fest	Portland	13 Jun
Rick Riley	USA	05 Mar 48	172/57	3:59.2	(1)	Pac 8	West Los Angeles	16 May
John Lawson	USA	18 Nov 43	178/63	3:59.2	(3)	Kenn	Berkeley	30 May
Steve Savage	USA	06 Jun 48	180/68	3:59.2	(5)		Eugene	5 Jun
Kipchoge Keino	KEN	17 Jan 40	178/66	3:59.2	(1)		Dublin	10 Aug
Divine				3:59.3	(2)	Pac 8	West Los Angeles	16 May
Frank Murphy	IRL	21 May 47	184/70	3:59.3	(2)		Dublin	10 Aug
Francesco Arese	ITA	13 Apr 44	187/69	3:59.4	(2)	Rose Fest	Portland	13 Jun
LaBenz				3:59.5	(1)	Comp	Los Angeles	6 Jun
Duncan MacDonald	USA	15 Jan 49	180/67	3:59.6	(3)	Pac 8	West Los Angeles	16 May
Jim Crawford	USA	17 Jul 47	173/61	3:59.6	(1)	Cal R	Modesto	23 May

(30 performances)

Chris Mason	GBR	05 Dec 48	180/66	3:59.9	(3)	IC4A	Philadelphia	30 May
Gianni Del Buono	ITA	01 Oct 43	172/58	4:00.3	(3)		Edinburgh	13 Jun
Hector Ortiz	USA	25 May 49	173/64	4:00.4	(2)	CCCCh	Bloomington	6 Jun

(30)

Phil Banning	GBR	10 Oct 50	169/59	4:00.4	(2)		London	5 Sep
Pavel Penkava	CSR	26 Dec 44	177/65	4:00.5	(1)		Stará Boleslav	7 Oct
Ben Jipcho	KEN	01 Mar 43	178/64	4:00.6	(4)		London	5 Jul
Pekka Vasala	FIN	17 Apr 48	183/66	4:00.6	(1)		Helsinki	24 Aug
Adrian Weatherhead	GBR	22 Sep 43	178/68	4:00.7	(5)		London	5 Jul
Mike McClendon	USA	21 May 51	175/64	4:00.7	(1=)		Eugene	1 Aug
Dennis Savage	USA	20 Jun 47	185/75	4:00.7	(1=)		Eugene	1 Aug
Keith Colburn	USA	04 Jan 48	182/66	4:00.8	(4)	IC4A	Philadelphia	30 May
Kevin Ross	NZL	21 May 47	169/57	4:00.9	(1)		Hamilton	12 Dec
Andy Carter	GBR	29 Jan 49	183/69	4:01.0	(1)		Motspur Park	8 Jul

(40)

Chris Fisher	AUS	02 Oct 49	183/70	4:01.0	(2)		Melbourne	18 Dec
Tony Benson	AUS	20 May 43	183/65	4:01.1	(1)		Melbourne	1 Dec
Rex Maddaford	NZL	09 Mar 47	177/64	4:01.4	(1)	Drake R	Des Moines	25 Apr
Jere Van Dyk	USA	14 Dec 45	179/68	4:01.4	(1)		Eagle Rock	29 May
Ergas Leps	CAN	25 Aug 39	181/75	4:01.4	(2)		Eagle Rock	29 May
Matti Tuura	FIN	27 Feb 46	185/72	4:01.4	(2)		Helsinki	24 Aug
Jerry Richey	USA	23 Feb 49	183/63	4:01.5	(2)	Drake R	Des Moines	25 Apr
Ricky Wilde	GBR	13 Oct 45	170/58	4:01.5	(1)		Stretford	28 Apr
Mike Mullins	USA	06 Aug 49	183/73	4:01.6	(4)	Pac 8	West Los Angeles	16 May
Bob Rhen	USA	29 May 48	180/70	4:01.6	(6)		Eugene	5 Jun

(50)

Roy Young	GBR	24 Jun 46		4:01.6	(2)		Motspur Park	8 Jul
Tony Polhill	NZL	15 Dec 47	187/77	4:01.7	(1)		Whangarei	19 Feb
Chris Stewart	GBR	04 Sep 46	173/62	4:01.7	(3)		Motspur Park	8 Jul
Tom Morrow	USA	27 Jun 47	178/66	4:01.8	(7)		Eugene	5 Jun
Craig Douglas	GBR	27 Oct 42		4:01.8	(4)		Motspur Park	8 Jul
Bill Smart	CAN	05 Jun 48	177/68	4:02.0	(5)	Kenn	Berkeley	30 May
Peter Kaal	RSA	14 May 49	186/75	4:02.1	(2)	AAU	Bakersfield	27 Jun
Deon Dekkers	RSA		46	4:02.1	(2)		Stellenbosch	13 Nov
Garry Bjorklund	USA	22 Apr 51	179/66	4:02.2	(3)	CCCCh	Bloomington	6 Jun
Greg Carlberg	USA	02 Mar 48	173/61	4:02.2	(4)	CCCCh	Bloomington	6 Jun
(60)								
Paul Dennis	GBR	24 Jan 51		4:02.2	(5)		Motspur Park	8 Jul
Danie Malan	RSA	26 Jun 50	183/72	A 4:02.2	(3)		Stellenbosch	13 Nov
Wayne Jensen	USA	24 Oct 48	188/68	4:02.3	(1)	WAC	Salt Lake City	16 May
Henryk Szordykowski	POL	03 Jun 44	180/67	4:02.3	(1)		Stockholm	1 Jul
David Mungai	KEN		42	4:02.3	(6)		London	5 Jul
Byron Dyce	JAM	27 Mar 48	178/67	4:02.6	(4)	Cal R	Modesto	23 May
John Baker	USA	14 Apr 49	180/65	4:02.7	(5)	IC4A	Philadelphia	30 May
Roy Shaw	USA	12 Jun 48	185/73	4:02.8	(1)	LSU invit	Baton Rouge	28 Mar
André De Hertoghe	BEL	19 Apr 41	172/58	4:02.9	(3)		Stockholm	1 Jul
Bob Messina	USA		50	178/66	(5)	Cal R	Modesto	23 May
(70)								
Tim Danielson	USA	03 Dec 47	175/66	4:03.1	(1)		Tempe	4 Apr
Len Hilton	USA	28 Sep 47	175/66	4:03.1	(1)	Pel R	Baton Rouge	18 Apr
Bill Scobey	USA	13 Mar 45	173/61	4:03.2	(6)	Cal R	Modesto	23 May
Art Botterill	AUS	01 May 46		4:03.2	(2)	Pel R	Baton Rouge	18 Apr
Fred Cooper	USA			4:03.2	(1)		Pasadena	29 May
Tom Donahue	USA			4:03.5	(6)	IC4A	Philadelphia	30 May
Morgan Mosser	USA	19 Feb 50	178/64	4:03.5	(6)	NCAA	Des Moines	20 Jun
Gunnar Ekman	SWE	18 Jun 43	190/75	4:03.5	(4)		Stockholm	1 Jul
Greg Fredericks	USA	01 May 50	178/61	4:03.6	(1)		Kent	18 Apr
Jim Johnson	USA	04 Jan 50	178/64	4:03.7	(2)		Seattle	9 May
(80)								
Mike Solomon	USA	15 Sep 49	175/64	4:03.8	(2)	Big 8	Lawrence	16 May
Keith Wheeler	AUS	11 Jun 43	183/70	4:03.8	(4)		Melbourne	18 Dec
Peter Reeves	NZL	20 Aug 46		4:04.0	(1)		Auckland	29 Jan
Jack Bacheler	USA	30 Dec 43	198/75	4:04.0	(1)		Ft.Lauderdale	4 Apr
Kerry O'Brien	AUS	17 Apr 46	180/70	4:04.1	(2)		Adelaide	25 Jan
Jaouhar Mehdi	MAR			4:04.2	(2)		Baton Rouge	9 May
Art Dulong	USA	01 Jun 48	175/59	4:04.2	(1)		Chestnut Hill	23 May

John Davies	GBR	17 Jan 49	184/74	4:04.3	(4)		Edinburgh	13 Jun
Lee LaBadie	USA	22 Jan 50	175/61	4:04.4	(4)	Drake R	Des Moines	25 Apr
Don Vandrey	USA	08 Nov 48	189/82	4:04.4	(2)	Big 10	Bloomington	16 May
(90)								
Dave Pryseski	USA	06 Apr 48	175/66	4:04.4	(3)h4	NCAA	Des Moines	18 Jun
Rick Ritchie	CAN		51	4:04.6	(1)		Fresno	21 Mar
Kerry Ellison	USA	14 Oct 50	193/79	4:04.6	(11)	Comp	Los Angeles	6 Jun
Donaldo Arza	PAN	15 Aug 46	180/69	4:04.6	(3)		Helsinki	24 Aug
Greg Nelson	USA	22 May 50		4:04.7	(5)	Drake R	Des Moines	25 Apr
Jouko Uola	FIN	27 Apr 44	181/66	4:04.7	(4)		Helsinki	24 Aug
Larry Conrad	USA			4:04.8	(3)		Eagle Rock	29 May
Bill Blewett	USA			4:04.8	(3)		Pasadena	29 May
Rune Holmén	FIN	05 Aug 45	181/66	4:04.8	(5)		Helsinki	24 Aug
Gwynn Davis	GBR	28 Jul 47		4:04.9	()		Crawley	16 Jun
Ian Jones	AUS	14 May 43		4:04.9	(4)		Melbourne	18 Dec

(101 performers)

2.000 METRES (1 mile 427,22 yards) + during 3.000 race

Kipchoge Keino	KEN	17 Jan 40	178/66	5:05.2	(1)		Leicester	26 Sep
Mikhail Zhelobovskiy	URS	08 May 46	174/62	5:05.6	(1)		Minsk	17 May
Danijel Korica	YUG	10 Jun 45	169/64	5:05.6	(1)		Beograd	30 Sep
André De Hertoghe	BEL	19 Apr 41	172/58	5:05.8	(1)		Leuven	26 Jul
Gilbert Van Manshoven	BEL	26 May 46	178/70	5:08.2	(2)		Leuven	26 Jul
Marty Liquori	USA	11 Sep 49	185/63	5:08.4	(3)		Leuven	26 Jul
Matti Tuura	FIN	27 Feb 46	185/72	5:08.8	(1)		Turku	9 Sep
Phil Banning	GBR	10 Oct 50	169/59	5:11.0	(2)		Leicester	26 Sep
Andy Holden	GBR	22 Oct 48	178/64	5:12.6	(3)		Leicester	26 Sep
Toni Feldmann	SUI	20 Sep 48	181/69	5:12.6	(1)		Zug	27 Sep
(10)								
Javier Alvarez	ESP	18 Dec 43	171/58	5:13.4	(1)		Vigo	14 Jun
Kerry O'Brien	AUS	17 Apr 46	180/70	5:13.8	(1)		Rjukan	27 Jun
Dusan Grahovac	YUG	28 Jul 43	177/69	5:14.2	(1)		Beograd	25 May
Róbert Honti	HUN	30 Jan 43	181/69	5:14.6	(1)		Pécs	30 Aug
Panta Maksimovic	YUG	14 Apr 49	175/60	5:14.8	(2)		Beograd	25 May
Ron Clarke	AUS	21 Feb 37	183/72	5:14.8	(2)		Rjukan	27 Jun
Jean Wadoux	FRA	29 Jan 42	180/60	5:15.0+	(1)		Köln	11 Aug
Max Grütter	SUI		48	5:16.2	(2)		Zug	27 Sep

Armando Scozzari	ITA	08 Jun 50		5:16.4	(1)	Milano	18 Apr
Pekka Päivärinta	FIN	04 May 49	186/68	5:16.6	(2)	Turku	9 Sep
(20)							
Rune Holmén	FIN	05 Aug 45	181/66	5:16.6	(3)	Turku	9 Sep
Francesco Valenti	ITA	30 Sep 45	170/63	5:17.0	(2)	Milano	18 Apr
Lajos Mecser	HUN	23 Sep 42	176/69	5:17.4	(1)	Budapest	17 May
Zoran Molovic	YUG	30 Oct 51	177/62	5:17.4	(2)	Beograd	30 Sep
György Molnár	HUN	01 Mar 48		5:17.6	(1)	Budapest	3 May
Jean-Claude Barbet	FRA	11 Oct 43	177/67	5:17.6	(1)	Lyon	2 Aug
Giuseppe Ardizzone	ITA	17 Feb 47	175/60	5:17.8	(3)	Milano	18 Apr
Akos Ligetkuti	HUN		42	5:18.0	(2)	Budapest	3 May
Balázs Hazai	HUN	17 Sep 47	180/	5:18.0	(1)	Budapest	29 Aug
Sándor Máté	HUN	08 Oct 42	175/66	5:18.2	(2)	Budapest	29 Aug
(30)							
Károly Magyar	HUN	08 Aug 45	183/66	5:18.4	(3)	Budapest	3 May
Ottó Pfeffer	HUN			5:18.6	(4)	Budapest	3 May
Roland Brehmer	POL	23 Jun 43	172/64	5:18.8	(1)	Walcz	10 May
Francesco Dal Corso	ITA	31 Oct 48	177/64	5:19.2	(1)	Viareggio	20 Aug
Gergely Szentiványi	HUN	29 May 40		5:19.6	(6)	Budapest	3 May
Rein Tölp	URS	11 Oct 41	184/74	5:19.8	(1)	Tallinn	5 Aug

(46 performers)

3000 METRES (1 mile 1,520.83 yards) + made during 2 miles race * made during 5000 metres race

Bernd Diessner	GDR	16 Mar 46	170/59	7:49.4	(1)	Potsdam	3 Jun
Harald Norpoth	FRG	22 Aug 42	180/60	7:49.6	(1)	Köln	11 Aug
Kipchoge Keino	KEN	17 Jan 40	178/66	7:50.2+	(1)	London	5 Sep
Kerry O'Brien	AUS	17 Apr 46	180/70	7:50.8	(2)	Köln	11 Aug
Émile Puttemans	BEL	08 Oct 47	175/64	7:51.8	(3)	Köln	11 Aug
Wolfgang Falke	FRG	08 Sep 46	176/64	7:54.0	(4)	Köln	11 Aug
Puttemans				7:54.4	(1)	St Lambert	27 Sep
Gert Eisenberg	GDR	07 Dec 43	176/57	7:54.8	(2)	Potsdam	3 Jun
Arne Kvalheim	NOR	25 Apr 45	182/66	7:54.8	(1)	Bisl Oslo	6 Aug
Bill Reilly	USA	28 Feb 43	170/59	7:55.0	(5)	Köln	11 Aug
Peter Stewart	GBR	08 Aug 47	170/60	7:55.2+	(2)	London	5 Sep
(10)							
Keino				7:55.6+	(1)	London	5 Jul
P Stewart				7:55.8	(1)	Reading	1 Jul

Ricky Wilde	GBR	13 Oct 45	170/58	7:55.8	(2)	Bisl	Oslo	6 Aug
Puttemans				7:56.0+	(3)		London	5 Sep
Jean Wadoux	FRA	29 Jan 42	180/60	7:56.4	(1)		Epinal	17 May
Gianni Del Buono	ITA	01 Oct 43	172/58	7:57.0	(6)		Köln	11 Aug
Brendan Foster	GBR	12 Jan 48	178/68	7:57.8+	(2)		London	5 Jul
Frank Shorter	USA	31 Oct 47	178/61	7:57.8	(7)		Köln	11 Aug
Mariano Haro	ESP	27 May 40	165/58	7:57.8	(8)		Köln	11 Aug
Dave Bedford	GBR	30 Dec 49	183/64	7:58.2	(1)		London	29 Aug
Noël Tijou	FRA	12 Dec 41	179/69	7:58.4	(1)		Saint-Maur	3 Jun
Francesco Arese	ITA	13 Apr 44	187/69	7:58.8	(2)		Malmö	19 Aug
Vladimir Shashmurin	URS	19 Feb 41		7:59.0	(1)		Vilnius	14 Jul
(20)								
Allan Rushmer	GBR	27 Feb 44	167/55	7:59.2+	(4)		London	5 Sep
Roland Brehmer	POL	23 Jun 43	172/64	7:59.6	(1)		Katowice	11 Jul
Ian Stewart	GBR	15 Jan 49	178/65	7:59.8	(1)		Leicester	25 May
Nikolay Puklakov	URS	15 Jan 45	175/61	7:59.8	(2)		Vilnius	14 Jul
Mikko Ala-Leppilampi	FIN	24 Jul 43	175/62	8:00.2	(1)		Vuosaari	27 Jul
Trevor Wright	GBR	23 Sep 46	170/56	8:00.6+	(5)		London	5 Sep
Juha Väättäinen	FIN	12 Jul 41	172/58	8:01.2	(1)		Rauma	1 Jul
Anatoliy Verlan	URS	26 Dec 43	172/62	8:01.2	(3)		Vilnius	14 Jul
Gérard Vervoort	FRA	06 May 36	174/59	8:01.4	(2)		Saint-Maur	3 Jun
Witold Baran	POL	29 Jul 39	178/70	8:01.6	(1)		Warszawa	30 May
Jürgen May	FRG	18 Jun 42	176/64	8:01.6	(1)		Dormagen	18 Jul
(30)								
Sverre Sørnes	NOR	20 Feb 45	184/78	8:01.6	(1)	Bisl	Oslo	6 Aug
Aleksandr Morozov	URS	13 Nov 39	175/62	8:01.8	(1)		Trondhjem	18 Jun
Mikhail Zhelev	BUL	15 Jul 43	175/63	8:01.8	(1)		Sofia	26 Jun
Alan Blinston	GBR	15 Jun 44	175/64	8:02.0	(1)		Stretford	2 Jun
Dick Taylor	GBR	03 Jan 45	179/64	8:02.0	(3)		Malmö	19 Aug
Knut Kvalheim	NOR	14 Jun 50	191/75	8:02.2	(2)		Bergen	3 Jun
Ian McCafferty	GBR	24 Nov 44	175/57	8:02.4*	(2)		Edinburgh	13 Jun
Malcom Absolom	GBR	20 Sep 46		8:02.6	(1)		Birmingham	13 May
Philip Ndo	KEN	03 Sep 46	170/54	8:02.6	(2)		London	5 Jul
Ron Clarke	AUS	21 Feb 37	183/72	8:02.8	(1)		Soderhamn	22 Jun
(40)								
Jan-Ingvar Ohlsson	SWE	21 Apr 46	170/62	8:02.8	(1)		Viborg	25 Aug
Chris Stewart	GBR	04 Sep 46	173/62	8:03.0+	(3)		London	5 Jul
Norm Trérise	CAN	03 Jun 47	187/68	8:03.0	(2)		Viborg	25 Aug
Jean-Claude Barbet	FRA	11 Oct 43	177/67	8:03.2	(3)		Saint-Maur	3 Jun
Rune Holmén	FIN	05 Aug 45	181/66	8:03.4	(2)		Vuosaari	27 Jul

Javier Alvarez	ESP	18 Dec 43	171/58	8:03.6	(1)		Madrid	6 Jun
Mohamed Gammoudi	TUN	11 Feb 38	172/60	8:03.6	(1)		Tunis	2 May
Wilfried Scholz	GDR	23 Nov 50	186/71	8:03.8	(1)		Dresden	30 Jun
Richard Newble	GBR	21 Apr 46	188/65	8:03.8	(2)		London	29 Aug
Walter Schott	FRA	11 Nov 44	194/72	8:04.0	(3)		Epinal	17 May
(50)								
Henryk Szordykowski	POL	03 Jun 44	180/67	8:04.0	(1)		Walcz	22 Jul
Flemming Kempel	DEN	09 Apr 48	192/70	8:04.0	(3)		Viborg	25 Aug

(52 performers)

2 MILES (3.218,69 metres)

Kipchoge Keino	KEN	17 Jan 40	178/66	8:25.4	(1)		London	5 Sep
Peter Stewart	GBR	08 Aug 47	170/60	8:26.8	(2)		London	5 Sep
Keino				8:29.0	(1)		London	5 Jul
Émile Puttemans	BEL	08 Oct 47	175/64	8:30.0	(3)		London	5 Sep
Brendan Foster	GBR	12 Jan 48	178/68	8:30.8	(2)		London	5 Jul
Allan Rushmer	GBR	27 Feb 44	167/55	8:33.0	(4)		London	5 Sep
Chris Stewart	GBR	04 Sep 46	173/62	8:33.8	(3)		London	5 Jul
Jack Bacheler	USA	30 Dec 43	198/75	8:34.2	(1)	Fla R	Gainesville	27 Mar
Alan Blinston	GBR	15 Jun 44	175/64	8:34.8	(4)		London	5 Jul
Trevor Wright	GBR	23 Sep 46	170/56	8:35.8	(5)		London	5 Sep
C.Stewart				8:37.0	(6)		London	5 Sep
Rushmer				8:38.4	(5)		London	5 Jul
Ron Stonitsch	USA	22 Jul 49	175/64	8:38.8	(1)	Penn R	Philadelphia	25 Apr

(13 performances)

Richard Newble	GBR	21 Apr 46	188/65	8:39.6	(6)		London	5 Jul
Steve Prefontaine	USA	25 Jan 51	177/65	8:40.0	(1)		Fresno	21 Mar
Kerry O'Brien	AUS	17 Apr 46	180/70	8:41.2	(1)		Orange	20 Jun
Gerry Lindgren	USA	09 Mar 46	168/55	8:41.4	(2)		Orange	20 Jun
Frank Shorter	USA	31 Oct 47	178/61	8:42.0	(3)		Orange	20 Jun
Greg Fredericks	USA	01 May 50	178/61	8:43.4	(2)	Penn R	Philadelphia	25 Apr
Tony Benson	AUS	20 May 43	183/65	8:44.4	(1)		Ballarat	3 Nov
Bob Messina	USA	50	178/66	8:44.6	(1)		San Diego	30 May
Greg Brock	USA	01 Feb 48	178/66	8:45.2	(1)		Stanford	28 Feb
Don Kardong	USA	22 Dec 48	190/64	8:45.2	(2)		Stanford	28 Feb

(20)

Ron Clarke	AUS	21 Feb 37	183/72	8:45.3	(1)	Geelong	10 Mar
Peter Fredriksson	SWE	19 Sep 46	180/61	8:45.4	(2)	San Diego	30 May
Ricky Wilde	GBR	13 Oct 45	170/58	8:45.4	(8)	London	5 Sep

(23 performers)

3 MILES (4.828,04 metres) + made during 5.000 metres race

Kerry O'Brien	AUS	17 Apr 46	180/70	13:11.0	(1)	Rose Fest	Portland	13 Jun
Steve Prefontaine	USA	25 Jan 51	177/65	13:12.8	(1)		Eugene	25 Apr
Jack Bachelor	USA	30 Dec 43	198/75	13:13.0	(1)	Kenn	Berkeley	30 May
Bachelor				13:13.4	(1)	Drake R	Des Moines	24 Apr
Frank Shorter	USA	31 Oct 47	178/61	13:13.8	(2)	Kenn	Berkeley	30 May

(5 performances)

Arne Risa	NOR	05 May 44	174/65	13:15.2+	(1)	Kusoc	Warszawa	20 Jun
Mikko Ala-Leppilampi	FIN	24 Jul 43	175/62	13:16.2+	(1)		Helsinki	4 Jun
Garry Bjorklund	USA	22 Apr 51	179/66	13:16.6	(3)	Kenn	Berkeley	30 May
Juha Väätäinen	FIN	12 Jul 41	172/58	13:16.8+	(2)		Helsinki	4 Jun
Arne Kvalheim	NOR	25 Apr 45	182/66	13:16.8+	(1)	v BUL	Oslo	23 Jul
Ron Clarke	AUS	21 Feb 37	183/72	13:19.2	(2)	Rose Fest	Portland	13 Jun

(10)

Kenny Moore	USA	01 Dec 43	183/64	13:21.8	(3)		Portland	13 Jun
Dick Buerkle	USA	03 Sep 47	170/59	13:22.0+	(2)	Comp	Los Angeles	6 Jun
Eamonn O'Reilly	USA	02 Jun 44	180/61	13:23.0+	(3)	King	Villanova	16 May
Rex Maddaford	NZL	09 Mar 47	170/64	13:23.4	(1)	Tex R	Austin	3 Apr
Seppo Tuominen	FIN	09 Jul 43	174/62	13:24.2+	(1)		Oulu	5 Aug
Rick Riley	USA	05 Mar 48	172/57	13:24.4	(2)	AAU	Bakersfield	26 Jun
Gerry Lindgren	USA	09 Mar 46	168/55	13:25.0	(3)	AAU	Bakersfield	26 Jun
Stanislav Hoffman	CSR	27 Mar 45	171/64	13:27.4+	(1)		Stará Boleslav	7 Oct
Don Kardong	USA	22 Dec 48	190/64	13:28.0	(4)	NCAA	Des Moines	20 Jun
John Kennedy	USA	21 Nov 43	180/68	13:28.6	(5)		Los Angeles	06 Jun

(20)

Tarry Harrison	USA	21 Jul 47	170/56	13:29.4	(7)		Bakersfield	26 Jun
Greg Fredericks	USA	01 May 50	178/61	13:30.0	(5)		Des Moines	20 Jun
Per Halle	NOR	06 May 49	175/58	13:30.6+	(3)		Helsinki	4 Jun

(23 performers)

5.000 METRES (3 miles 188,06 yards)

Ian Stewart	GBR	15 Jan 49	178/65	13:22.8	(1)	Comm G	Edinburgh	25 Jul	13:22.85
Ian McCafferty	GBR	24 Nov 44	175/57	13:23.4	(2)	Comm G	Edinburgh	25 Jul	13:23.34
Dick Taylor	GBR	03 Jan 45	179/64	13:26.2	(1)		Edinburgh	13 Jun	
Kipchoge Keino	KEN	17 Jan 40	178/66	13:27.6	(3)	Comm G	Edinburgh	25 Jul	
Jean Wadoux	FRA	29 Jan 42	180/60	13:28.0	(1)	v USA	Colombes	8 Jul	
McCafferty				13:29.6	(2)		Edinburgh	13 Jun	
Allan Rushmer	GBR	27 Feb 44	167/55	13:29.8	(4)	Comm G	Edinburgh	25 Jul	
Ron Clarke	AUS	21 Feb 37	183/72	13:32.4	(5)	Comm G	Edinburgh	25 Jul	
Taylor				13:33.8	(6)	Comm G	Edinburgh	25 Jul	
Harald Norpoth	FRG	22 Aug 42	184/60	13:34.6	(1)	v USA	Stuttgart	16 Jul	
Mike Baxter	GBR	28 May 45	180/65	13:35.2	(3)		Edinburgh	13 Jun	
Norpoth				13:35.6	(1)		Stockholm	1 Jul	
I.Stewart				13:35.8	(2)		Stockholm	1 Jul	
Rushmer				13:37.0	(4)		Edinburgh	13 Jun	
Kerry O'Brien	AUS	17 Apr 46	180/70	13:37.2	(1)		Melbourne	12 Mar	
Steve Prefontaine	USA	25 Jan 51	177/65	13:39.6	(2)	v FRG	Stuttgart	16 Jul	
Mikko Ala-Leppilampi	FIN	24 Jul 43	175/62	13:40.2	(1)		Helsinki	24 Aug	
Gert Eisenberg	GDR	07 Dec 43	176/57	13:40.6	(1)	v POL URS	Erfurt	27 Sep	
Clarke				13:40.8	(1)	Kusoc	Warszawa	20 Jun	
Mohamed Gammoudi	TUN	11 Feb 38	172/60	13:41.0	(1)	Zauli	Roma	16 May	
Arne Risa	NOR	05 May 44	174/65	13:41.0	(2)	Kusoc	Warszawa	20 Jun	
Eisenberg				13:41.6	(1)	NCh	Erfurt	5 Jul	
Rashid Sharafetdinov	URS	10 Jul 43	167/60	13:41.8	(1)	v USA	Leningrad	24 Jul	13:41.9 ?
Dietmar Nagel	GDR	04 Aug 45	175/70	13:42.0	(2)	NCh	Erfurt	5 Jul	
O'Brien				13:42.2	(1)	Comp	Los Angeles	6 Jun	
O'Brien				13:42.2	(1)		Västerås	23 Jun	
Frank Shorter	USA	31 Oct 47	178/61	13:42.4	(2)	v FRA	Colombes	8 Jul	
Arne Kvalheim	NOR	25 Apr 45	182/66	13:42.4	(1)	v BUL	Oslo	23 Jul	
Sharafetdinov				13:42.6	(1)		Moskva	10 Jun	
Edward Mleczko	POL	15 Nov 48	168/55	13:42.6	(3)	Kusoc	Warszawa	20 Jun	
Ala-Leppilampi				13:42.8	(1)		Helsinki	4 Jun	
Lasse Viren	FIN	22 Jul 49	180/60	13:43.0	(2)		Helsinki	24 Aug	
Ala-Leppilampi				13:43.0	(1)		Imatrankoski	31 Aug	
Juha Väätäinen	FIN	12 Jul 41	172/58	13:43.2	(2)		Helsinki	4 Jun	
Jürgen Haase	GDR	19 Jan 45	176/60	13:43.2	(1)		Berlin	17 Jun	

Dick Quax	NZL	01 Jan 48	187/73	13:43.4	(7)	Comm G	Edinburgh	25 Jul
Haase				13:43.6	(1)		Potsdam	3 Jun
Vladimir Shashmurin	URS	19 Feb 41		13:43.6	(2)		Moskva	10 Jun
Wilfried Scholz	GDR	23 Nov 50	186/71	13:43.8	(3)	NCh	Erfurt	5 Jul
Sharafetdinov				13:43.8	(1)		Kyiv	16 Aug

(40 performances)

Joachim Krebs	GDR	07 Sep 49	177/62	13:44.2	(3)		Berlin	17 Jun
Aleksandr Morozov	URS	13 Nov 39	175/62	13:44.4	(3)		Moskva	10 Jun
René Jourdan	FRA	12 May 43	169/58	13:44.6	(1)	NCh	Colombes	19 Jul
John Kipkemo Arap Ngeno	KEN	11 Apr 48	178/65	13:44.6	(8)	Comm G	Edinburgh	25 Jul

(30)

Danijel Korica	YUG	10 Jun 45	169/64	13:44.6	(1)		Stockholm	29 Jul
Rauno Mattila	FIN	16 Nov 41	178/65	13:44.6	(2)		Imatrankoski	31 Aug
Robert Finlay	CAN	03 Aug 43	185/66	13:45.2	(9)	Comm G	Edinburgh	25 Jul
Henryk Szordykowski	POL	03 Jun 44	180/67	13:45.2	(2)	v GDR URS	Erfurt	27 Sep
Gerhard Seibt	GDR	15 May 47	177/61	13:45.6	(4)		Berlin	17 Jun
Yuriy Aleksashin	URS	29 Oct 41	177/67	13:45.8	(4)		Moskva	10 Jun
Noël Tijou	FRA	12 Dec 41	179/69	13:45.8	(2)	NCh	Colombes	19 Jul
Seppo Tuominen	FIN	09 Jul 43	174/62	13:46.0	(4)		Helsinki	24 Aug
Jack Bacheler	USA	30 Dec 43	198/75	13:46.2	(1)	King	Villanova	16 May
Kenny Moore	USA	01 Dec 43	183/64	13:46.4	(2)		Stockholm	29 Jul

(40)

Jean Le Vaillant	FRA	15 Dec 41	172/61	13:46.6	(3)	NCh	Colombes	19 Jul
Maris Gailis	URS	16 Sep 38	181/67	13:46.8	(5)		Moskva	10 Jun
Nikolay Puklakov	URS	15 Jan 45	175/61	13:46.8	(3)	v GDR POL	Erfurt	27 Sep
Eamonn O'Reilly	USA	02 Jun 44	180/61	13:47.0	(3)	King	Villanova	16 May
Witold Baran	POL	29 Jul 39	180/70	13:47.0	(4)	Kusoc	Warszawa	20 Jun
Émile Puttemans	BEL	08 Oct 47	175/64	13:47.0	(1)		Blankenberge	14 Aug
Nikolay Sviridov	URS	06 Jul 38	179/65	13:47.2	(6)		Moskva	10 Jun
Yuriy Rybachenko	URS	01 Mar 43		13:47.4	(7)		Moskva	10 Jun
Leonid Mikitenko	URS	08 Feb 44	175/60	13:47.6	(1)	NCh	Minsk	14 Sep
Dick Buerkle	USA	03 Sep 47	170/59	13:47.8	(2)	Comp	Los Angeles	6 Jun

(50)

Lachie Stewart	GBR	22 Jun 43	170/58	13:47.8	(5)		Edinburgh	13 Jun
Michel Bernard	FRA	31 Dec 31	181/70	13:47.8	(4)	NCh	Colombes	19 Jul
Jean-Yves Le Flohic	FRA	09 Oct 40	170/59	13:48.0	(5)	NCh	Colombes	19 Jul
Lucien Rault	FRA	30 Mar 36	168/59	13:48.4	(6)	NCh	Colombes	19 Jul
Manfred Kuschmann	GDR	25 Jul 50	176/62	13:48.6	(5)	v POL URS	Erfurt	27 Sep

Richard Tayler	NZL	12 Aug 48	178/69	13:48.8	(10)	Comm G	Edinburgh	25 Jul	
Mike Tagg	GBR	13 Nov 46	185/60	13:49.0	(6)		Edinburgh	13 Jun	
Abdelkader Zaddem	TUN	29 Nov 44	173/60	13:49.2	(3)	Zauli	Roma	16 May	
Bill Reilly	USA	28 Feb 43	170/59	13:49.4	(5)		Helsinki	24 Aug	
Chris Stewart	GBR	04 Sep 46	173/62	13:49.6	(1)	AAA	London	8 Aug	13:49.58
(60)									
Jerome Drayton	CAN	10 Jan 45	176/61	13:50.8	(1)		Hamilton, Ont.	20 Jun	
Alan Blinston	GBR	15 Jun 44	175/64	13:51.0	(2)	AAA	London	8 Aug	13:50.84
Seppo Nikkari	FIN	06 Feb 48	190/71	13:51.0	(5)		Imatrankoski	31 Aug	
Takaharu Koyama	JPN	07 Aug 47	176/64	13:52.0	(2)		Blankenberge	14 Aug	
Voldemar Shpar	URS	08 Jan 46		13:52.2	(8)		Moskva	10 Jun	
Maurice Benn	GBR	09 Nov 46	179/69	13:52.6	(1)		Loughborough	28 May	
Wolfgang Falke	FRG	08 Sep 46	176/64	13:52.6	(1)		Bonn	15 Jul	
Tony Benson	AUS	20 May 43	183/65	13:52.6	(1)		Melbourne	18 Dec	
Pavel Andreyev	URS	01 Jan 44	167/54	13:53.0	(2)		Moskva	30 May	
Roger Matthews	GBR	02 Sep 42	179/60	13:53.6	(1)		Motspur Park	27 Jun	
(70)									
Hans Munzinger	FRG	29 Oct 42	172/60	13:53.6	(1)		München	17 Sep	
Derek Graham	GBR	22 Sep 41	188/68	13:54.0	(2)		Poznan	24 May	
Ivan Burakov	URS	20 Dec 43		13:54.0	(4)	NCh	Minsk	14 Sep	
Giuseppe Ardizzone	ITA	17 Feb 47	175/60	13:54.2	(4)	Zauli	Roma	16 May	
Javier Alvarez	ESP	18 Dec 43	171/58	13:54.4	(1)	v NOR	Barcelona	1 May	
Vladimir Afonin	URS	04 Dec 48	169/60	13:54.6	(1)		Moskva	23 Aug	
Richard Newble	GBR	21 Apr 46	188/65	13:54.8	(8)		Edinburgh	13 Jun	
Dave Bedford	GBR	30 Dec 49	183/64	13:54.8	(1)		Weymouth	6 Sep	
Mariano Haro	ESP	27 May 40	165/58	13:55.4	(1)	v FRA	Colombes	28 Jun	
Giuseppe Cindolo	ITA	05 Aug 45	175/65	13:55.6	(1)		Viareggio	20 Aug	
(80)									
Roland Brehmer	POL	23 Jun 43	172/64	13:55.6	(6)	v GDR URS	Erfurt	27 Sep	
Tony Manning	AUS	09 Jan 43	182/67	13:55.8	(1)	NCh	Adelaide	22 Mar	
Francesco Arese	ITA	13 Apr 44	187/69	13:55.8	(1)	v ESP	Madrid	30 May	
José María Morera	ESP	05 Mar 47	182/60	13:55.8	(6)		Stockholm	29 Jul	
John Caine	GBR	07 Jun 46	176/63	13:56.0	(2)		Loughborough	28 May	
Per Halle	NOR	06 May 49	175/58	13:56.0	(3)		Helsinki	4 Jun	
Stepan Baydyuk	URS	28 Nov 41	177/66	13:56.2	(3)		Moskva	30 May	
Yevgeniy Kozlov	URS	27 Apr 39		13:56.6	(10)		Moskva	10 Jun	
Gaston Roelants	BEL	05 Feb 37	174/67	13:56.8	(2)		München	17 Sep	
John Kennedy	USA	21 Nov 43	180/68	13:57.0	(5)	Comp	Los Angeles	6 Jun	
(90)									
Roland Winkler	GDR	12 Apr 47	173/61	13:57.0	(6)		Berlin	17 Jun	

Jens Wollenberg	FRG	18 Jul 47	180/67	13:57.0	(2)	ISTAF	Berlin	4 Jul
Ken-ichi Otsuki	JPN	15 Apr 45	160/49	13:57.0	()		Blankenberge	14 Aug
Mike Beevor	GBR	24 Jul 46		13:57.2	(10)		Edinburgh	13 Jun
Rainer Leyh	GDR	17 Jun 47	173/56	13:57.6	(2)		Leipzig	13 Sep
Nedeljko Farčić	YUG	12 Oct 41	177/56	13:57.8	(7)		Stockholm	29 Jul
Anatolij Bezdelov	URS	14 Jan 40		13:58.0	(1)		Podolsk	20 Jun
Eckhard Lesse	GDR	01 Dec 48	179/62	13:58.0	(3)		Erfurt	28 Aug
Jouko Kuha	FIN	30 Sep 39	171/59	13:58.2	(4)		Helsinki	4 Jun
Deon Dekkers	RSA		46	13:58.4	(1)		Cape Town	14 Mar
	(100)							
Nikolay Verbitskiy	URS	30 Jun 46		13:58.4	(5)	Znam	Kyiv	2 Jul
Gerry Lindgren	USA	09 Mar 46	168/55	13:58.4	(1)	Cal R	Modesto	23 May

(102 performers)

Doubtful performance

Derek Clayton	AUS	17 Nov 42	187/72	13:49.6	()			27 Jun
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Handicap race, from scratch

Gavin Thorley	NZL	11 Jun 47	183/64	13:47.0	()		Wellington	
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Not confirmed

James T. Power	NZL			13:53.8	()			
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6 MILES (9.656,07 metres) + made during 10.000 metres race

Jack Bachelor	USA	30 Dec 43	198/75	27:24.0	(1=)	AAU	Bakersfield	27 Jun
Frank Shorter	USA	31 Oct 47	178/61	27:24.0	(1=)	AAU	Bakersfield	27 Jun
Garry Bjorklund	USA	22 Apr 51	179/66	27:30.8	(3)	AAU	Bakersfield	27 Jun
Jerome Drayton	CAN	10 Jan 45	176/61	27:40.0+	(1)		Toronto	23 May
Shorter				27:42.6+	(1)	Bisl	Oslo	5 Aug
Mariano Haro	ESP	27 May 40	165/58	27:42.6+	(2)	Bisl	Oslo	5 Aug

(6 performances)

Tsugumichi Suzuki	JPN	16 Oct 45	170/52	27:51.2+	(3)	Bisl	Oslo	5 Aug
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Nedeljko Farčić	YUG	12 Oct	41	177/56	27:51.4+	(4)	Bisl	Oslo	5 Aug
Kenny Moore	USA	01 Dec	43	183/64	27:54.4	(4)	AAU	Bakersfield	27 Jun
Bob Bertelson	USA	02 Sep	48	183/64	27:57.6	(1)	NCAA	Des Moines	19 Jun
Seppo Tuominen	FIN	09 Jul	43	174/62	28:02.0+	(3)	WG	Helsinki	1 Jul

(10)

Ron Clarke	AUS	21 Feb	37	183/72	28:04.0+	(6)	Bisl	Oslo	5 Aug
Gerry Lindgren	USA	09 Mar	46	168/55	28:05.8	(5)	AAU	Bakersfield	27 Jun
Arne Risa	NOR	05 May	44	174/65	28:09.4+	(1)	NCh	Kristiansand	16 Aug
David Hindley	GBR	26 Sep	47	169/59	28:19.2	(2)	NCAA	Des Moines	19 Jun
Jon Anderson	USA	10 Dec	49		28:19.8	(3)	NCAA	Des Moines	19 Jun

(15 performers)

10.000 METRES (6 miles 376,11 yards)

Dave Bedford	GBR	30 Dec	49	183/64	28:06.2	(1)	v POL	Warszawa	12 Sep
Lachie Stewart	GBR	22 Jun	43	170/58	28:11.8	(1)	Comm G	Edinburgh	18 Jul 28:11.72
Ron Clarke	AUS	21 Feb	37	183/72	28:13.4	(2)	Comm G	Edinburgh	18 Jul 28:13.45
Dick Taylor	GBR	03 Jan	45	179/64	28:15.4	(3)	Comm G	Edinburgh	18 Jul 28:15.35
Vladimir Tsyrenov	URS	20 Oct	41		28:16.2	(1)		Krasnoyarsk	21 Jun
Juha Väätäinen	FIN	12 Jul	41	172/58	28:19.6	(1)	v FRA	Oulu	27 Jun
Roger Matthews	GBR	02 Sep	42	179/60	28:21.4	(4)	Comm G	Edinburgh	18 Jul 28:21.49
Jürgen Busch	GDR	24 Dec	42	162/56	28:21.8	(1)		Berlin	6 Sep
Frank Shorter	USA	31 Oct	47	178/61	28:22.8	(1)	v URS	Leningrad	23 Jul
Lutz Philipp	FRG	14 Oct	40	177/68	28:23.4	(1)		Koblenz	24 Jun
Gaston Roelants	BEL	05 Feb	37	174/67	28:25.4	(2)		Koblenz	24 Jun
Jerome Drayton	CAN	10 Jan	45	176/61	28:25.8	(1)		Hamilton	19 Jun
Jürgen Haase	GDR	19 Jan	45	176/60	28:26.0	(1)	NCh	Erfurt	3 Jul
Bedford					28:26.4	(1)	AAA	London	7 Aug 28:26.28
Haase					28:26.8	(1)	EP	Stockholm	29 Aug
Gert Eisenberg	GDR	07 Dec	43	176/57	28:27.0	(1)	v GBR	London	10 Jul 28:26.78
John Caine	GBR	07 Jun	46	176/63	28:27.6	(5)	Comm G	Edinburgh	18 Jul 28:27.61
Gerhard Seibt	GDR	15 May	47	177/61	28:28.0	(2)	NCh	Erfurt	3 Jul
Manfred Letzerich	FRG	15 Aug	42	180/63	28:29.0	(3)		Koblenz	24 Jun
Nikolay Sviridov	URS	06 Jul	38	179/65	28:29.2	(2)		Stockholm	29 Aug
Trevor Wright	GBR	23 Sep	46	170/56	28:31.4	(2)	v GDR	London	10 Jul 28:31.34
John Kipkemo Arap Ngeno	KEN	11 Apr	48	178/65	28:31.4	(6)	Comm G	Edinburgh	18 Jul 28:31.41
Shorter					28:32.6	(1)	Bisl	Oslo	5 Aug
L.Stewart					28:33.4	(1)		Edinburgh	5 Jun

Mariano Haro	ESP	27 May 40	165/58	28:34.2	(2)	Bisl	Oslo	5 Aug	
Matthews				28:35.4	(2)	v POL	Warszawa	12 Sep	
Roelants				28:37.2	(1)		Södertälje	26 Sep	
Busch				28:37.6	(3)	NCh	Erfurt	3 Jul	
Drayton				28:38.0	(1)		Toronto	23 May	
Joachim Liess	FRG	18 Feb 43	181/61	28:38.0	(4)		Koblenz	24 Jun	
Wright				28:38.2	(2)	AAA	London	7 Aug	28:38.06
Joachim Krebs	GDR	07 Sep 49	177/62	28:40.0	(1)		Erfurt	10 Jun	
Ron Hill	GBR	25 Sep 38	169/57	28:40.0	(3)	v GDR	London	10 Jul	28:39.84
Letzerich				28:40.0	(3)		Stockholm	29 Aug	
Hans Munzinger	FRG	29 Oct 42	172/60	28:40.4	(5)		Koblenz	24 Jun	
Bob Holt	GBR	18 May 44	180/61	28:40.4	(3)	AAA	London	7 Aug	28:40.28

(36 performances)

Dick Wedlock	GBR	26 Jan 46		28:42.0	(2)		Edinburgh	5 Jun	
Philip Ndo	KEN	03 Sep 46	170/54	28:42.8	(7)	Comm G	Edinburgh	18 Jul	28:42.82
Kerry O'Brien	AUS	17 Apr 46	180/70	28:43.4	(8)	Comm G	Edinburgh	18 Jul	28:43.50
John Stephen	TAN	01 Jan 42	160/50	28:44.0	(9)	Comm G	Edinburgh	18 Jul	28:44.08

(30)

Tsugumichi Suzuki	JPN	16 Oct 45	170/52	28:44.6	(3)	Bisl	Oslo	5 Aug	
Nedeljko Farčić	YUG	12 Oct 41	177/56	28:45.8	(4)	Bisl	Oslo	5 Aug	
Kenny Moore	USA	01 Dec 43	183/64	28:47.6	(1)	v FRA	Colombes	9 Jul	
Abdelkader Zaddem	TUN	29 Nov 44	173/60	28:47.8	(2)		Stockholm	2 Jul	
Tim Johnston	GBR	11 Mar 41	175/61	28:47.8	(4)	AAA	London	7 Aug	28:47.74
Lajos Mecser	HUN	23 Sep 42	176/69	28:49.2	(1)		Ozd	1 May	
Arne Risa	NOR	05 May 44	174/65	28:49.2	(1)	v SWE	Skövde	26 Jun	
Edward Mleczko	POL	15 Nov 48	169/58	28:49.4	(2)	Aces	Warszawa	1 May	
Noël Tijou	FRA	12 Dec 41	179/69	28:49.4	(2)	v USA	Colombes	9 Jul	
Jens Wollenberg	FRG	18 Jul 47	180/70	28:49.6	(6)		Koblenz	24 Jun	

(40)

René Jourdan	FRA	12 May 43	169/58	28:49.8	(3)	v USA	Colombes	9 Jul	
Garry Bjorklund	USA	22 Apr 51	179/66	28:50.4	(4)	v FRA	Colombes	9 Jul	
Leonid Mikitenko	URS	08 Feb 44	175/60	28:51.4	(3)	v USA	Leningrad	23 Jul	
Pavel Andreyev	URS	01 Jan 44	167/54	28:51.6	(1)		Lvov	18 May	
Seppo Tuominen	FIN	09 Jul 43	174/62	28:51.8	(4)	Aces	Warszawa	1 May	
Bernard Plain	GBR	03 Dec 46	174/56	28:51.8	(11)	Comm G	Edinburgh	18 Jul	28:51.85
Rashid Sharafetdinov	URS	10 Jul 43	167/60	28:52.2	(1)		Moskva	11 Jun	
Vladimir Shashmurin	URS	19 Feb 41		28:53.6	(2)		Helsinki	1 Jul	
Javier Alvarez	ESP	18 Dec 43	171/58	28:53.8	(1)		La Coruna	12 Apr	

Kazimierz Podolak	POL	05 Mar 39	160/60	28:54.8	(3)	v GDR URS	Erfurt	26 Sep	
(50)									
Mike Tagg	GBR	13 Nov 46	185/60	28:55.0	(5)	AAA	London	7 Aug	28:54.86
Mikko Ala-Leppilampi	FIN	24 Jul 43	175/62	28:55.2	(1)	v SWE	Helsinki	5 Sep	
Rainer Leyh	GDR	17 Jun 47	173/56	28:56.0	(3)		Erfurt	10 Jun	
Václav Mládek	CSR	18 Apr 42	167/60	28:56.6	(5)	Aces	Warszawa	1 May	
Wolfgang Hanschke	GDR	09 Jan 41		28:57.2	(4)		Erfurt	10 Jun	
Vyacheslav Alanov	URS	30 Oct 39	172/59	28:57.8	(2)		Moskva	11 Jun	
Eckhard Lesse	GDR	01 Dec 48	179/62	28:57.8	(1)		Jena	15 Aug	
Peter Standing	GBR	28 Mar 50		28:57.8	(1)		London	16 Dec	
Valeriy Chudin	URS	26 Jun 41		28:58.0	(1)		Moskva	20 Aug	
Ants Nurmekivi	URS	25 Jul 41	181/65	28:58.8	(4)	Znam	Kyiv	3 Jul	
(60)									
Dénes Simon	HUN	02 Sep 39	176/65	28:59.4	(2)	v CSR POL	Warszawa	27 Jun	
Anatoliy Skripnik	URS	14 Oct 37	167/62	28:59.6	(5)	Znam	Kyiv	3 Jul	
Vladimir Belomestnykh	URS	41		29:00.0	(1)		Irkutsk	19 Jul	
Derek Graham	GBR	22 Sep 41	188/68	29:00.2	(12)	Comm G	Edinburgh	18 Jul	29:00.16
János Szerényi	HUN	21 Aug 38	174/58	29:00.6	(3)	v CSR POL	Warszawa	27 Jun	
Jean-Yves Le Flohic	FRA	09 Oct 40	170/59	29:00.8	(1)		Saint-Maur	3 Jun	
Gilbert Gauthier	FRA	30 Oct 34	174/64	29:00.8	(2)		Saint-Maur	3 Jun	
Rauno Mattila	FIN	16 Nov 41	178/65	29:02.0	(3)	v SWE	Helsinki	5 Sep	
Bengt Nånjde	SWE	19 May 42	170/63	29:03.8	(2)	NCh	Växjö	13 Aug	
Giuseppe Ardizzone	ITA	17 Feb 47	175/60	29:04.2	(1)	v ESP	Madrid	31 May	
(70)									
Manfred Kuschmann	GDR	25 Jul 50	176/62	29:04.2	(2)		Berlin	6 Sep	
Yasunori Hamada	JPN	25 Mar 46	166/56	29:05.0	(1)			24 Oct	
Kunio Fujita	JPN	03 Jun 45		29:05.2	(2)			24 Oct	
Ivan Shopsha	URS	04 Jan 39		29:06.2	(3)	NCh	Minsk	12 Sep	
Ken-ichi Otsuki	JPN	15 Apt 45	160/49	29:06.4	(2)		Tokyo	2 May	
Edward Legowski	POL	14 Jan 47	170/62	29:06.8	(4)	v CSR HUN	Warszawa	27 Jun	
Paul Krebs	GDR	12 Oct 41	175/64	29:07.0	(2)		Jena	15 Aug	
Dave Holt	GBR	18 May 44	180/63	29:07.2	(7)	AAA	London	7 Aug	29:07.10
Antoine Borowski	FRA	04 Aug 46	178/68	29:07.6	(3)		Saint-Maur	3 Jun	
Mohamed Gammoudi	TUN	11 Feb 38	172/60	29:07.8	(1)	CISM	Viareggio	12 Jun	
(80)									
Seppo Nikkari	FIN	06 Feb 48	190/71	29:08.2	(8)	Aces	Warszawa	1 May	
Jack Lane	GBR	14 Dec 50	174/56	29:08.8	(2)	WUG	Torino	2 Sep	
Bernard Maroquin	FRA	22 Jul 39	175/58	29:09.0	(4)		Saint-Maur	3 Jun	
Vasiliy Petrukhin	URS	16 Sep 43		29:10.0	(1)		Moskva	20 Aug	
Anatoliy Badrankov	URS	02 Apr 41	178/64	29:10.4	(5)	NCh	Minsk	12 Sep	

Mohammed Kheddar	FRA	08 Apr	37	166/59	29:10.6	(5)		Saint-Maur	3 Jun
Roland Winkler	GDR	12 Apr	47	173/61	29:10.6	(5)		Erfurt	10 Jun
Aleksandr Davydov	URS	18 Dec	46		29:10.6	(2)		Moskva	20 Aug
Andy Holden	GBR	22 Oct	48	178/64	29:10.6	(1)	v POL	Warszawa	13 Sep
Mario Pérez	MEX	13 Mar	39	166/55	29:10.8	(4)		Kobe	29 Apr
(90)									
John Waterhouse	GBR	18 Sep	45		29:10.8	(8)	AAA	London	7 Aug 29:10.66
Juan Hidalgo	ESP	16 Dec	45	164/56	29:11.2	(2)	v NOR	Barcelona	2 May
Anatoliy Bezdelov	URS	14 Jan	40		29:11.8	(1)		Kyiv	13 Aug
Mike Freary	GBR	25 Jul	38	185/71	29:12.4	(1)		Kirkby	10 May
Boris Olyanitskiy	URS	20 Jul	49		29:12.6	(2)		Dnepropetrovsk	15 Oct
Koichi Tanaka	JPN		44		29:12.6	()		Kanagawa	7 Dec
Bill Adcocks	GBR	11 Nov	41	168/55	29:12.8	(1)		Birmingham	13 May
Bernd-Dieter Hecht	FRG	05 Oct	38		29:13.0	(1)		Lübeck	25 Jul
Vyacheslav Gamalin	URS		41		29:13.0	(3)		Dnepropetrovsk	15 Oct
Juan Martinez	MEX	01 Jan	47	165/53	29:13.2	(3)		Tokyo	2 May
(100)									
Stanislaw Podzoba	POL	20 Jan	40	175/58	29:13.6	(9)	Aces	Warszawa	1 May

(101 performers)

Not confirmed

Paul Thys	BEL	02 May	46	174/60	29:04.2	(1)		Antwerp	Oct
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Doubtful performance

Derek Clayton	AUS	17 Nov	42	187/72	28:45.2	()			8 Jul
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MARATHON (*) Denotes finishing point of point to point course

Ron Hill	GBR	25 Sep	38	169/57	2h09:28	(1)	Comm G	Edinburgh	23 Jul
Hill					* 2h10.30	(1)		Hopkinton-Boston	20 Apr
Akio Usami	JPN	31 May	43	168/59	2h10.37.8	(1)		Fukuoka	6 Dec
Eamonn O'Reilly	USA	02 Jun	42	180/61	* 2h11.12	(2)		Hopkinton-Boston	20 Apr
Kenny Moore	USA	01 Dec	43	183/64	2h11:35.8	(2)		Fukuoka	6 Dec
Jim Alder	GBR	10 Jun	40	172/65	2h12:04	(2)	Comm G	Edinburgh	23 Jul
Yoshiaki Unetani	JPN	06 Oct	44	175/62	2h12:12	(3)		Fukuoka	6 Dec
Jack Foster	NZL	23 May	32	175/64	2h12:17.8	(4)		Fukuoka	6 Dec

Don Faircloth	GBR	26 Nov 48	168/55	2h12:19	(3)	Comm G	Edinburgh	23 Jul
John Farrington	AUS	02 Jul 42	174/61	2h12:58.4	(5)		Fukuoka	6 Dec
Bill Adcocks	GBR	11 Nov 41	168/55	2h13:32	(6)		Fukuoka	6 Dec
Derek Clayton	AUS	17 Nov 42	187/72	2h13:39	(1)		Traralgon	5 Jun
Usami				2h13:45	(1)		Manchester	23 Aug
Adcocks				2h13:46	(1)	NCh	Otsu	12 Apr
Tadaaki Ueoka	JPN	27 Nov 42	163/52	2h13:46	(7)		Fukuoka	6 Dec
Unetani				2h14.19	(2)	NCh	Otsu	12 Apr
Yuriy Volkov	URS	23 Aug 38	174/68	2h14.28	(8)		Fukuoka	6 Dec
Jürgen Busch	GDR	24 Dec 42	162/56	2h14:41.2	(1)		Karl-Marx-Stadt	10 May
Foster				2h14:44	(4)	Comm G	Edinburgh	23 Jul
Patrick McMahon	IRL	01 Feb 42	172/61	* 2h14:53	(3)		Hopkinton-Boston	20 Apr
Pentti Rummakko	FIN	12 Oct 43	178/63	* 2h14:59	(4)		Hopkinton-Boston	20 Apr
John Stephen	TAN	01 Jan 42	160/50	2h15:05	(5)	Comm G	Edinburgh	23 Jul
Adcocks				2h15:10	(6)	Comm G	Edinburgh	23 Jul
Lutz Philipp	FRG	14 Oct 40	177/68	2h15:22.6	(1)		Werther	25 Apr
Farrington				2h15:27	(1)	NCh	Melbourne	26 Sep
Hill				2h15:27	(9)		Fukuoka	6 Dec
Fergus Murray	GBR	11 Sep 42	179/66	2h15:32	(7)	Comm G	Edinburgh	23 Jul
Toshihiko Uehara	JPN	17 Nov 40		2h15:49.8	(1)		Hofu	27 Dec
Unetani				2h16:00	(2)		Manchester	23 Aug
John Newsome	GBR	02 Oct 41		2h16:07.8	(1)		Praha	5 Sep

(30 performances)

Katsuaki Hirai	JPN	07 Jan 46		2h16.08	(10)		Fukuoka	6 Dec	
Mikhail Gorelov	URS	10 Mar 37		2h16:26.2	(1)		Kosice	4 Oct	
Masashi Shirai	JPN	26 Sep 45		2h16.39	(11)		Fukuoka	6 Dec	
Katsumi Watanabe	JPN	25 Dec 35	167/52	2h16:46.4	(2)		Hofu	27 Dec 18:46.4 ?	
Georg Förster	AUT	24 Jun 41	165/60	2h16:51	(2)		Praha	5 Sep	
Mike Teer	GBR	18 Oct 44		2h16:52	(1)		Belfast	30 May	
Don Macgregor	GBR	23 Jul 39	181/62	2h16:53	(8)	Comm G	Edinburgh	23 Jul	
Kokichi Uchino	JPN	04 Apr 44		2h16:55.8	(1)		Kyoto	8 Feb	
Kenji Kimihara	JPN	20 Mar 41	167/57	2h17:12	(1)		Beppu	8 Feb	
(30)									
Kim Cha-hwan	KOR	10 Apr 48		2h17:34.4	(1)		Seoul	22 Mar	
Karl-Heinz Sievers	FRG	02 Oct 42	174/61	2h17:43.6	(2)		Werther	25 Apr	
Georg Pyttel	FRG	02 Dec 38		2h17:43.6	(3)		Werther	25 Apr	
Yuriy Velikorodnykh	URS	18 Feb 42	180/66	2h17.52.8	(12)		Fukuoka	6 Dec	
David McKenzie	NZL	16 Mar 43	164/55	2h17:54	(1)		Christchurch	7 Feb	

Alastair Wood	GBR	13 Jan 33	174/59	2h17:59	(1)		Harlow	24 Oct
Tsugumichi Suzuki	JPN	16 Oct 45	170/52	2h18:01	(3)		Otsu	12 Apr
Misao Yonishige	JPN	14 Jul 48		2h18:07.2	(2)		Beppu	8 Feb
Yoshiaki Morita	JPN	26 Nov 47		2h18:15	(3)		Beppu	8 Feb
Alfredo Peñaloza	MEX	31 May 47	173/55	A 2h18:15.6	(1)	NCh	México, D.F.	7 Jul
(40)								
Pablo Garrido	MEX	22 Jun 38	173/66	A 2h18:15.8	(2)	NCh	México, D.F.	7 Jul
Toshio Yajima	JPN	06 Jun 45		2h18:18	(3)		Kyoto	8 Feb
Masatsugu Futsuhara	JPN	17 May 38	164/53	2h18:21	(2)		Nobeoka	22 Mar
Paul Krebs	GDR	12 Oct 41	175/64	2h18:34.2	(2)		Karl-Marx-Stadt	10 May
Nedeljko Farčić	YUG	12 Oct 41	177/56	2h18:34.6	(3)	NCh	Kosice	4 Oct
Andy Boychuk	CAN	17 May 41	177/68	2h18:45	(10)	Comm G	Edinburgh	23 Jul
Katsuaki Ishohata	JPN	15 Jun 44		2h18:46	(4)	NCh	Otsu	12 Apr
Jeff Julian	NZL	09 Oct 35	172/60	2h18:48.2	(3)		Toronto	26 Aug
Yetneberk Belete	ETH	25 Oct 47	168/55	A 2h18:48.4	(1)	East Afr Ch	Nairobi	3 Aug
Katsukuni Kimura	JPN	14 Sep 44		2h18:57.2	(3)		Nobeoka	22 Mar
(50)								
Colin Kirkham	GBR	30 Oct 44	179/61	2h18:59	(4)		Manchester	23 Aug
Tomukatsu Takamura	JPN	04 Jan 44		2h18:59.6	(3)		Hofu	27 Dec
Song Keum-yong	KOR	08 Dec 47		2h19:02.4	(2)		Seoul	22 Mar
Brian Jones	NZL	22 Oct 42		2h19:03	(4)	SCO Ch	Edinburgh	16 May
Yutaka Yamagata	JPN	14 Apr 50		2h19:06	(4)		Hofu	27 Dec
Mike Rowland	GBR	17 Sep 42		2h19:08	(11)	Comm G	Edinburgh	23 Jul
Vasiliy Shalyminov	URS	08 Apr 43		2h19:08	(1)		Uzhgorod	1 Nov
Yutaka Aoki	JPN	09 Nov 43		2h19:11.6	(5)		Hofu	27 Dec
Chris Wade	GBR	21 Jun 37		* 2h19:15	(2)	Poly	Windsor-Chiswick	13 Jun
John Robinson	NZL	31 May 39		2h19:16	(2)		Hamilton	24 Oct
(60)								
Terry Manners	NZL	19 Oct 39	173/55	2h19:26	(2)	NCh	Melbourne	26 Sep
Bob Moore	CAN	11 Nov 40		2h19:30	(5)		Toronto	26 Aug
Alastair Johnston	GBR	17 Jan 47		2h19:31	(6)	SCO Ch	Edinburgh	16 May
Nobuyoshi Takata	JPN	11 Apr 48		2h19:35	(4)		Beppu	8 Feb
Vladimir Moiseyev	URS	16 Apr 41		2h19:35.6	(4)	NCh	Kosice	4 Oct Jun 32 ?
Damir Mukhamedzyanov	URS	15 Sep 41		2h19:36	(1)	Army Ch	Lvov	23 Oct
Kalle Hakkarainen	FIN	08 Dec 40	179/62	* 2h19:42	(5)		Hopkinton-Boston	20 Apr
Ikunori Iwami	JPN	22 Nov 46		2h19:45	(4)		Nobeoka	22 Mar
Masazumi Tsunetomo	JPN	08 Aug 47		2h19:46	(2)		Nagoya	15 Mar yohashi ?
Brenton Norman	AUS	28 Dec 44		2h19:46	(1)		Adelaide	5 Sep
(70)								
Boris Maslakov	URS		41	2h19:47	(1)		Voronezh	11 Oct

Maurice Peiren	BEL	28 Dec 37	170/64	2h19.50.4	(3)		Praha	5 Sep	
Cyril Leigh	GBR	19 Dec 36		2h19.53	(12)	Comm G	Edinburgh	23 Jul	
Kwang Kank-myung	KOR	23 Feb 44		2h19:55	(1)		Seoul	19 Apr	
Kim Chan-son	PRK	11 Apr 42	168/54	2h19:58.7	(1)		La Habana	1 Feb	
Roland Winkler	GDR	12 Apr 47	173/61	2h19:59.6	(3)		Karl-Marx-Stadt	10 May	
Nobuaki Takao	JPN	13 Jun 48		2h20:03	(1)		Mito	22 Mar	
Nikolay Gordin	URS	01 Jan 42		2h20:05	(1)		Ashkhabad	5 Dec	
Peter Bruce	AUS	27 Feb 42		2h20:11	(1)		Tyabb	25 Jul	
Bob Richardson	GBR	11 Feb 46		* 2h20:12	(3)	NCh	Windsor-Chiswick	13 Jun	
(80)									
Kazuyoshi Shirakura	JPN	18 Sep 43		2h20:13	(2)		Mito	22 Mar	
Akio Yoshida	JPN	30 Oct 44		2h20:15	(5)		Beppu	8 Feb	
Hans-Joachim Truppel	GDR	24 Mar 51	167/55	2h20:15.4	(1)	NCh	Leegebruch	29 Aug	
Hyung Cho-je	KOR	27 Aug 47		2h20:19.4	(3)		Seoul	22 Mar	
Howard Leeming	GBR	23 Dec 45		2h20:22	(2)		Harlow	24 Oct	
Martin Cranny	GBR	27 Aug 38		2h20:23	(13)	Comm G	Edinburgh	23 Jul	
Mohamed Shakirov	URS	19 Mar 33		2h20:27	(2)	Army Ch	Lvov	23 Oct	
Riu Man-ion	PRK	08 Jan 42		2h20:30.4	(2)		La Habana	1 Feb	
Carlos Pérez	ESP	01 Jun 35	163/64	2h20:31	(3)		Harlow	24 Oct	
Yoshiro Mifune	JPN	19 Nov 45		2h20:32	(6)	NCh	Otsu	12 Apr	
(90)									
Bill Clark	USA	02 Dec 43	175/64	2h20:39.2	(6)		Beppu	8 Feb	
Herb Lorenz	USA	07 Apr 39	186/75	2h20:40.8	(6)		Toronto	26 Aug	
Ismail Akcay	TUR	09 Jul 42	178/61	2h20:42.4	(1)		Ankara	19 May	
Yetneberg Endashow	ETH	25 Oct 47		A 2h20:47	(2)	East Afr Ch	Nairobi	3 Aug	
Pat Maclagan	GBR	17 Jan 44		2h20:49	(7)	SCO Ch	Edinburgh	16 May	
János Szerényi	HUN	21 Aug 38	174/58	2h20:50.4	(4)		Karl-Marx-Stadt	10 May	
Vladimir Tsyrenov	URS	20 Oct 41		2h20:52	(2)		Ashkhabad	5 Dec	
Boris Dergatchev	URS	16 Jul 40		2h20:55	(3)	Army Ch	Lvov	23 Oct	
Aleksandr Timofeyenko	URS	29 Dec 39		2h20:55	(3)		Ashkhabad	5 Dec	
Akio Yasumasu	JPN		47	2h20:58	(5)		Nobeoka	22 Mar	
(100)									
Kunio Fujita	JPN	03 Jun 45		2h20:59	(14)		Fukuoka	6 Dec	

(100 performers)

OTHER EUROPEAN PERFORMERS

Alex Wight	GBR	05 Nov 42		* 2h21:04	(5)	Poly	Windsor-Chiswick	13 Jun
Martin Craven	GBR	15 Dec 40		2h21:05	(6)		Manchester	23 Aug

(50)

George Brockbank	GBR	21 Jul 43		2h21:07	(4)		Harlow	24 Oct
Lajos Mecser	HUN	23 Sep 42	176/69	2h21:25.2	(6)	NCh	Kosice	5 Oct
Karl-Heinz Leiteritz	GDR	23 Jun 47	176/68	2h21:25.6	(5)		Karl-Marx-Stadt	10 May
Vladimir Silayev	URS	01 Aug 39		2h21:32.8	(8)	NCh	Kosice	4 Oct
Pyotr Zhelezovskiy	URS	44		2h21:48	(1)		Kohtla-Jarvë EST	17 May
Viktor Shpigov	URS	39		2h21:50	(4)		Ashkhabad	5 Dec
Ivan Bitsenko	URS	18 Nov 40		2h21:50	(5)		Ashkhabad	5 Dec
Ian Macmillan	GBR	24 Jan 40		2h21:55	(5)		Harlow	24 Oct
Nikola Simeonov	BUL	19 Nov 39	173/62	2h21:56.2	(1)		Budapest	8 Nov
Jürgen Bernhardt	FRG	04 apr 40		2h22:00.5	(4)		Werther	25 Apr

(60)

Jeff Norman	GBR	06 Feb 45	173/59	* 2h22:07	(1)		Preston-Morecambe	Aug
Peter Müller	GDR	14 Feb 48		2h22:15.8	(9)	NCh	Kosice	4 Oct
Gyula Tóth	HUN	12 Apr 37	176/63	2h22:18.2	(1)	NCh	Ozd	30 Aug
Peter Reiher	FRG	07 Mar 40		2h22:18.4	(5)		Werther	25 Apr
Walter Weba	FRG	25 Sep 24		2h22:18.4	(6)		Werther	25 Apr
Jean-Pierre Spengler	HUN	26 Feb 40	176/60	2h22:22.6	(1)		Raneate	27 Sep
Vladimir Merkushin	URS	16 Feb 47	169/61	2h22:23	(4)	Army Ch	Lvov	23 Oct
Tim Johnston	GBR	11 Mar 41	175/61	* 2h22:27	(7)	Poly	Windsor-Chiswick	13 Jun
Vladimir Zaytsev	URS	08 Jul 40		2h22:30	(5)	Army Ch	Lvov	23 Oct
Nikolay Vatetin	URS	40		2h22:32	(6)	Army Ch	Lvov	23 Oct

(70)

Ron Grove	GBR	30 Jun 38		2h22:32.8	(7)		Karl-Marx-Stadt	10 May
Vasiliy Kurakin	URS	07 Apr 39		2h22:33	(7)	Army Ch	Lvov	23 Oct
Akhtyam Suleymanov	URS	40		2h22:34	(2)		Kohtla-Jarvë EST	17 May
Bernie Allen	GBR	03 Jan 46		2h22:35	(7)		Manchester	23 Aug
Fyodor Chanov	URS	38		2h22:36	(8)	Army Ch	Lvov	23 Oct
Helmut Reitz	FRG	24 Jun 38		2h22:39	(6)		Werther	25 Apr
Arthur Walsham	GBR	22 Jun 30		* 2h22:39	(2)		Preston-Morecambe	Aug
Ensio Tanninen	FIN	03 Feb 38	165/56	2h22:41.6	(1)		Korso	24 May
Aleksandr Dvurechenskiy	URS	46		2h22:44	(6)		Ashkhabad	5 Dec
Steffen Gottert	GDR	06 Jan 43		2h22:45	(1)		Debno	28 Jun

(80)

Phil Hampton	GBR	25 Feb 35		2h22:54	(6)		Harlow	24 Oct
Tony Moore	GBR	10 Jun 44		* 2h22:56	(8)	Poly	Windsor-Chiswick	13 Jun
Yuriy Maurin	URS	27 May 43		2h22:56	(1)		Leningrad	2 Aug
Jim Wight	GBR	22 Oct 40		2h22:58	(8)	SCO Ch	Edinburgh	16 May
Hermann Müller	FRG	19 May 32		2h22:59	(7)		Werther	25 Apr
Igor Kozhevnikov	URS			2h23:00	(2)		Vändra	12 Sep

Pavel Skuratov	URS			2h23:00	(3)		Vändra	12 Sep	
Francesco Amante	ITA	16 Mar	46	2h23:01.8	(1)		Carpi	4 Oct	
Vasiliy Rudenko	URS	03 Jul	41	2h23:03	(9)	Army Ch	Lvov	23 Oct	
Dmitriy Bugayev	URS	11 Mar	45	2h23:07	(3)		Voronezh	25 Jul	
(90)									
Carlos Pérez	ESP	01 Jun	35	163/64	2h23:12	(1)	Torrelavega	Oct	
Vasiliy Sterlyagov	URS	30 Nov	41		2h23:12.4	(12)	NCh	Kosice	4 Oct
Vladimir Pavlov	URS	15 Jun	41		2h23:13	(3)		Kohtla-Jarvë EST	17 May
Kazmer Karai	HUN				2h22:13.6	(2)		Budapest	8 Nov
Pekka Tiihonen	FIN	29 Jun	47	170/57	2h23:14.2	(3)		Turku	30 May
Aleksandr Myasoyedov	URS		41		2h23:20	(4)		Vändra	12 Sep
Billy Stoddart	GBR	02 May	31		2h23:23	(9)	SCO Ch	Edinburgh	16 May
Hüseyin Aktas	TUR	25 Mar	41	175/63	2h23:26.8	(2)		Ankara	19 May
Josef Podmolik	CSR	17 Oct	42		2h23:27	(4)		Praha	5 Sep
Hedydd "Dai" Davies	GBR	17 Jun	40		2h23:29	(17)	Comm G	Edinburgh	23 Jul

(100 Europeans)

Doubtful distance

Gilbert Gauthier	FRA	30 Oct	34	174/64	2h14:08	(1)		Berchem	18 Sep
Harneek Singh	IND	24 Nov	35	174/57	2h16:00	(1)		Delhi	4 Nov
Bernd Schleberger	FRG	12 Jan	45		2h16:23	(2)		Berchem	18 Sep
Peiren					2h16:42	(3)		Berchem	18 Sep
Joginder Singh	IND		36		2h17:19	(2)		Delhi	4 Nov
Prosper Slachmuylders	BEL	25 Nov	42		2h20:27	(4)		Berchem	18 Sep
René Murat	FRA		45		2h21:04	(5)		Berchem	18 Sep
Willy Vergisson	BEL	24 May	31		2h22:35	(6)		Berchem	18 Sep
Jürgen Bergmann	FRG	20 Oct	40		2h22:07	(7)		Berchem	18 Sep
Frans Beirens	BEL		40		2h22:53	(8)		Berchem	18 Sep
Jos Van Roy	BEL				2h23:04	(8)		Berchem	18 Sep
Hans Kruers	FRG	09 Jun	39		2h23:07	(10)		Berchem	18 Sep

Short course

Leo Carroll					2h13:07	(1)		Huddersfield	30 Mar
Alastair Wood					* 2h13:44	(1)		Inverness	4 Jul
Mike Willis					2h14:30	(2)		Huddersfield	30 Mar
Allan Spence					2h15:23	(3)		Huddersfield	30 Mar
John Newsome	GBR	02 Oct	41		2h15:39	(4)		Huddersfield	30 Mar

Hedydd "Dai" Davies	GBR	17 Jun 40		2h16:57	(5)		Huddersfield	30 Mar
M Molloy				2h17:24	(6)		Huddersfield	30 Mar
J Lunn				2h19:48	(7)		Huddersfield	30 Mar
A White				2h19:58	(8)		Huddersfield	30 Mar
Arthur Walsham	GBR	22 Jun 30		2h21:39	(9)		Huddersfield	30 Mar
K Boyden				2h22:38	(11)		Huddersfield	30 Mar

3.000 METRES STEEPLECHASE (1 mile 1.520,83 yards)

Kerry O'Brien	AUS	17 Apr 46	180/70	8:22.0	(1)	ISTAF	Berlin	4 Jul	8:21.98
Tony Manning	AUS	09 Jan 43	182/67	8:26.2	(1)	Comm G	Edinburgh	23 Jul	
O'Brien				8:29.2	(1)		Stockholm	29 Jul	
O'Brien				8:29.4	(1)		Stockholm	2 Jul	
Mikhail Zhelev	BUL	15 Jul 43	175/62	8:29.4	(1)	EP/Sf	Sarajevo	2 Aug	
Ben Jipcho	KEN	01 Mar 43	178/64	8:29.6	(2)	Comm G	Edinburgh	23 Jul	
Kazimierz Maranda	POL	23 Feb 47	176/62	8:30.4	(1)	v GBR	Warszawa	12 Sep	
Viktor Kudinskiy	URS	17 Jun 43	169/64	8:30.8	(1)		Moskva	10 Jun	
Amos Biwott	KEN	08 Sep 47	173/68	8:30.8	(3)	Comm G	Edinburgh	23 Jul	
O'Brien				8:31.2	(1)	Bisl	Oslo	5 Aug	
Ståle Engen	NOR	29 Jun 47	187/75	8:31.4	(2)		Stockholm	29 Jul	
Jean-Paul Villain	FRA	01 Nov 46	170/52	8:31.6	(1)	v FIN	Oulu	28 Jun	
Arne Risa	NOR	05 May 44	174/65	8:31.6	(2)	Bisl	Oslo	5 Aug	
Vladimir Dudin	URS	13 Dec 41	175/63	8:31.6	(1)	EP	Stockholm	30 Aug	
Rolf Burscheid	FRG	12 Mar 44	176/67	8:31.8	(2)	ISTAF	Berlin	4 Jul	
O'Brien				8:32.0	(1)		Adelaide	28 Feb	
Georgiy Poluyanskiy	URS	09 Nov 45	174/60	8:32.2	(2)		Moskva	10 Jun	
Bill Reilly	USA	28 Feb 43	170/59	8:32.4	(3)		Stockholm	29 Jul	
Zhelev				8:32.6	(1)	WUG	Torino	5 Sep	
Karl-Heinz Betz	FRG	06 Jul 46	178/68	8:33.0	(3)	ISTAF	Berlin	4 Jul	
Villain				8:33.0	(1)	v USA	Colombes	8 Jul	
Romualdas Bite	URS	03 Jan 44	182/71	8:33.6	(3)		Moskva	10 Jun	
Umberto Risi	ITA	31 Dec 40	176/55	8:33.8	(1)		Roma	20 Jun	
Gareth Bryan-Jones	GBR	25 Feb 43	182/68	8:33.8	(4)	Comm G	Edinburgh	23 Jul	
Bite				8:33.8	(1)	v GDR POL	Erfurt	27 Sep	
O'Brien				8:34.4	(1)	NCh	Adelaide	21 Mar	
Tadeusz Zielinski	POL	15 Mar 46	175/71	8:34.4	(1)	NCh	Warszawa	8 Aug	
Andy Holden	GBR	22 Oct 48	178/64	8:34.6	(5)	Comm G	Edinburgh	23 Jul	
Józef Rebacz	POL	17 Jan 46	178/64	8:34.6	(2)	NCh	Warszawa	8 Aug	
Edward Szklarczyk	POL	31 Jul 41	167/58	8:34.6	(3)	NCh	Warszawa	8 Aug	

Reilly				8:34.8	(1)	AAU	Bakersfield	27 Jun
Zhelev				8:35.0	(1)		Sofia	31 May
Nikolay Zobov	URS	05 Dec 39	179/63	8:35.0	(4)		Moskva	10 Jun
Holden				8:35.0	(2)	v POL	Warszawa	12 Sep
Dudin				8:35.0	(2)	v GDR POL	Erfurt	27 Sep
Risi				8:35.2	(1)		Roma	24 May
Georgi Tikhov	BUL	29 Sep 42	179/69	8:35.4	(1)	Zauli	Roma	16 May
Villain				8:35.4	(2)	Zauli	Roma	16 May
Dudin				8:35.4	(1)	v USA	Leningrad	24 Jul
Zhelev				8:35.4	(2)	v USA	Leningrad	24 Jul
Bite				8:35.4	(1)	NCh	Minsk	13 Sep

(41 performances)

Ulrich Hobeck	GDR	02 Jul 47	178/68	8:36.0	(2)	EP	Stockholm	30 Aug
Benjamin Kogo	KEN	01 Jan 46	175/64	8:36.2	(6)	Comm G	Edinburgh	23 Jul
Bob Price	USA	14 Mar 46	177/57	8:36.4	(2)	AAU	Bakersfield	27 Jun
Pavel Sysoyev	URS	27 Feb 41	178/66	8:36.4	(1)		Kyiv	14 Aug
Vladimir Lisovskiy	URS	15 Jan 49	172/66	8:36.6	(5)		Moskva	10 Jun

(30)

Nikolay Charetschkin	URS	01 Jan 39		8:37.0	(2)	NCh	Minsk	13 Sep
Ryuji Koyama	JPN	08 Jul 48	176/64	8:37.2	(4)	ISTAF	Berlin	4 Jul
Jan Kondzior	POL	02 Jan 48	170/69	8:37.2	(4)	NCh	Warszawa	8 Aug
Manfred Letzerich	FRG	15 Aug 42	180/63	8:37.2	(1)		München	17 Sep
Aleksandr Golub	URS	08 Sep 38	182/65	8:37.6	(6)		Moskva	10 Jun
Sverre Sørnes	NOR	20 Feb 45	184/78	8:38.2	(1)	EP/Sf	Helsinki	2 Aug
Gerry Stevens	GBR	23 May 41	172/63	8:38.6	(1)		Edinburgh	13 Jun
Steve Savage	USA	06 Jun 48	180/63	8:38.6	(3)	AAU	Bakersfield	27 Jun
Willi Maier	FRG	12 Sep 48	185/70	8:38.6	(2)	NCh	Berlin	9 Aug
Nobuyoshi Miura	JPN	11 May 44	170/54	8:38.8	(1)	NCh	Tokyo	30 May

(40)

Hans-Dieter Schulten	FRG	11 Nov 40	178/72	8:38.8	(5)	ISTAF	Berlin	4 Jul
Günter Rademacher	GDR	09 Aug 45	176/65	8:39.2	(2)	NCh	Erfurt	5 Jul
Yuriy Rybachenko	URS	01 Mar 43		8:39.2	(1)		Moskva	26 Jul
Jouko Kuha	FIN	30 Sep 39	171/59	8:39.4	(2)	v FRA	Oulu	28 Jun
Nikolay Baklanov	URS	20 May 49		8:39.6	(8)		Moskva	10 Jun
Bernard Hayward	GBR	10 Feb 49	175/62	8:39.8	(7)	Comm G	Edinburgh	23 Jul
Sándor Máté	HUN	08 Oct 42	175/66	8:39.8	(1)	NCh	Budapest	8 Aug
Hans Menet	SUI	29 May 40	173/64	8:39.9	(1)		Genève	19 Aug
Petr Havel	CSR	21 Mar 45	179/73	8:40.0	(1)	v HUN POL	Warszawa	27 Jun

Nikolay Drachov	URS	12 May 41	175/67	8:40.0	(1)r2	Znam	Kyiv	3 Jul
(50)								
Waldemar Cierpinski	GDR	03 Aug 50	169/60	8:40.2	(3)	NCh	Erfurt	5 Jul
Sten Bergquist	SWE	19 May 42	178/60	8:40.4	(4)	EP/Sf	Helsinki	2 Aug
Nikolay Siselyatin	URS	06 Sep 40	178/65	8:40.6	(2)		Moskva	26 Jun
István Jóny	HUN	02 Oct 41	173/55	8:40.8	(1)	Nep Coup	Budapest	13 Jun
Vladimir Merkushev	URS	16 Feb 47	169/61	8:40.8	(1)		Khabarovsk	4 Aug
Mikko Ala-Leppilampi	FIN	24 Jul 43	175/62	8:40.8	(1)	v CSR	Praha	19 Sep
Sid Sink	USA	03 Nov 48	180/64	8:41.0	(1)	NCAA	Des Moines	20 Jun
Ron McAndrew	GBR	06 Jun 47	170/56	8:41.0	(1)		Reading	31 Aug
Javier Alvarez	ESP	18 Dec 43	171/58	8:41.2	(1)	v NOR	Barcelona	2 May
Henryk Lesiuk	POL	25 Oct 48	179/70	8:41.2	(2)		Warszawa	2 Jul
(60)								
Akira Takeuchi	JPN	02 Mar 47	174/57	8:41.2	(2)		Tokyo	4 Oct
Jürgen May	FRG	18 Jun 42	176/64	8:41.4	(1)		Wiesbaden	5 Jul
Guy Texereau	FRA	14 May 35	164/53	8:41.8	(3)	v USA	Colombes	8 Jul
Toni Feldmann	SUI	20 Sep 48	181/69	8:41.8	(2)		Genève	19 Aug
Tapio Kantanen	FIN	31 May 49	184/73	8:41.8	(2)	v CSR	Praha	19 Sep
Francesco Valenti	ITA	30 Sep 45	169/61	8:42.0	(2)		Roma	20 Jun
Balázs Hazai	HUN	17 Sep 47	180/	8:42.0	(3)	v CSR POL	Warszawa	27 Jun
Bouallem Rahoui	ALG	08 Oct 48	165/58	8:42.0	(5)	WUG	Torino	5 Sep
Grant McLaren	CAN	19 Aug 48	172/70	8:42.2	(1)		Hamilton, Ont.	19 Jun
Brunello Bertolin	ITA	01 Jun 43	171/57	8:42.4	(3)		Roma	20 Jun
(70)								
Willi Wagner	FRG	03 Oct 41	178/65	8:42.4	(4)	NCh	Berlin	9 Aug
Ryszard Krzysztofik	POL	07 Feb 49	180/66	8:42.6	(6)	NCh	Warszawa	8 Aug
Ray Varey	CAN	44		8:42.8	(3)	v NOR SWE	Victoria	20 Sep
Dieter Helm	GDR	24 Aug 43	182/74	8:43.2	(2)		Erfurt	10 Jun
Ernie Pomfret	GBR	18 Apr 41	178/65	8:43.2	(1)	ECh Police	Helsinki	7 Jul
Yuriy Razgonyayev	URS	46		8:43.2	(1)		Krasnodar	19 Oct
John Rix	GBR	18 Feb 48	188/72	8:43.4	(3)		Edinburgh	13 Jun
Aleksander Swiecicki	POL	26 Jul 48	170/68	8:43.4	(7)	NCh	Warszawa	8 Aug
Ilmar Ruus	URS	05 Oct 42	181/66	8:43.4	(4)	NCh	Minsk	13 Sep
Nikolay Zhukovskiy	URS	20 Dec 49		8:43.6	(2)	Army Ch	Lvov	22 Oct
(80)								
Patrick Martin	FRA	14 Apr 49	164/58	8:44.0	(3)	NCh	Colombes	19 Jul
Sergey Skripka	URS	09 Jan 50	173/67	8:44.0	(3)	Army Ch	Lvov	22 Oct
Hannu Partanen	FIN	25 Jun 44	175/68	8:44.4	(2)		Stockholm	9 Jun
Jerome Liebenberg	USA	16 Nov 48	180/64	8:44.4	(4)	AAU	Bakersfield	27 Jun
Georges Kaiser	SUI	14 Dec 42	170/63	8:44.4	(2)	ECH Police	Helsinki	7 Jul

John Jackson	GBR	29 Sep 41	180/62	8:44.4	(3)	AAA	London	8 Aug
Jan Cych	POL	20 Apr 44	171/62	8:44.6	(8)	NCh	Warszawa	8 Aug
Susumu Noro	JPN	10 Feb 47	174/60	8:44.8	(3)	NCh	Tokyo	30 May
Ken Silvius	USA	27 Aug 47	173/59	8:44.8	(2)	CCCCh	Bloomington	5 Jun
Paul Thys	BEL	02 May 46	174/60	8:44.8	(6)	EP/Sf	Helsinki	2 Aug
(90)								
Gérard Delalandre	FRA	22 Sep 47	180/68	8:45.0	(1)	v FRG/B	Vittel	29 Aug
Bronislaw Malinowski	POL	04 Jun 51	181/70	8:45.2	(1)		Sopot	11 Oct
Igor Krepostnyak	URS	04 Oct 44		8:45.6	(11)		Moskva	10 Jun
Heinz-Gerd Mölders	FRG	08 Feb 42	178/68	8:45.6	(8)	ISTAF	Berlin	4 Jul
Wigmar Pedersen	DEN	09 Oct 46	175/68	8:45.6	(4)		Stockholm	29 Jul
Gerd Frähmcke	FRG	22 Sep 50	180/63	8:45.6	(6)	NCh	Berlin	9 Aug
Anders Gärderud	SWE	28 Aug 46	186/70	8:45.6	(2)	v FIN	Helsinki	6 Sep
Sergey Tomashevskiy	URS	07 Sep 48		8:45.8	(12)		Moskva	10 Jun
Dusan Moravčík	CSR	27 May 48	170/62	8:46.0	(6)		Stockholm	2 Jul
Ryszard Chudecki	POL	18 Jan 47	178/69	8:46.0	(4)		Warszawa	2 Jul
(100)								
Gérard Buchheit	FRA	30 Sep 48	182/68	8:46.0	(1)	v CSR	Colombes	27 Sep
(101 performers)								

110 METRES HURDLES (120.30 yards) y 120 yards time

Thomas Hill	USA	17 Nov 49	188/75	13.2y	1.7	(1)	USTFF	Wichita	13 Jun
Guy Drut	FRA	06 Dec 50	189/75	13.3	0.1	(1)	EP/Sf	Zürich	1 Aug
Hill				13.3 y	0.0	(1)	AAU	Bakersfield	26 Jun
Marcus Walker	USA	10 Feb 49	186/79	13.3 y	0.0	(2)	AAU	Bakersfield	26 Jun
Werner Trzmiel	FRG	16 Mar 42	183/74	13.4	0.4	(1)	WK	Zürich	3 Jul
David Hemery	GBR	18 Jul 44	187/74	13.4	0.1	(2)	EP/Sf	Zürich	1 Aug
Willie Davenport	USA	08 Jun 43	186/84	13.4 y	0.0	(3)	AAU	Bakersfield	26 Jun
Davenport				13.5		(1)	King	Villanova	16 May
Rod Milburn	USA	18 May 50	183/80	13.5		(2)	King	Villanova	16 May
Frank Siebeck	GDR	17 Aug 49	189/78	13.5		(1)	NCh	Erfurt	4 Jul
Hill				13.5	1.3	(1)	v FRG	Stuttgart	16 Jul
Herman Franklin	USA	09 Jul 48	185/74	13.5 y		(1)		Long Beach	7 Mar
Davenport				13.5 y		(1)	Dog R	Knoxville	18 Apr
Davenport				13.5 y	0.7	(1)	Kenn	Berkeley	30 May
Milburn				13.5 y	1.7	(2)	USTFF	Wichita	13 Jun
George Carty	USA	10 Oct 45	178/77	13.5 y	1.6	(1)		Sacramento	13 Jun

Davenport				13.5 y		(1)	Rose Fest	Portland	13 Jun
Hill				13.5 y	1.9	(1)h3	NCAA	Des Moines	18 Jun
Leon Coleman	USA	01 Sep 44	189/82	13.6		(3)	King	Villanova	16 May
Drut				13.6	1.3	(1)	v ESP	Colombes	28 Jun
Alan Pascoe	GBR	11 Oct 47	185/73	13.6	0.4	(2)	WK	Zürich	3 Jul
Walker				13.6	1.3	(2)	v FRG	Stuttgart	16 Jul
Drut				13.6	-0.2	(1)	NCh	Colombes	19 Jul
Hill				13.6		(1)		Stockholm	29 Jul
Hill				13.6	0.4	(1)		Köln	11 Aug
Davenport				13.6		(1)		Malmö	19 Aug
Gary Power	USA	25 Mar 42	190/88	13.6		(2)		Malmö	19 Aug
Drut				13.6		(1)		Dôle	22 Aug
Günter Nickel	FRG	24 Mar 46	194/78	13.6	0.0	(1)r2		Bonn	23 Aug
Hemery				13.6	0.6	(1)	v POL	Warszawa	13 Sep
Tom Lee White	USA	20 May 44	193/86	13.6 y		(2)		Long Beach	7 Mar
Milburn				13.6 y		(1)		Lafayette	10 Mar
Milburn				13.6 y		(1)		Houston	14 Mar
Ron Draper	USA	08 Feb 50	185/77	13.6 y		(1)		Durham	21 Mar
Franklin				13.6 y		(1)		Berkeley	4 Apr
Milburn				13.6 y		(1)		Lafayette	11 Apr
Davenport				13.6 y		(1)	Pel R	Baton Rouge	17 Apr
Bill High	USA	20 May 50	188/79	13.6 y		(2)	Dog R	Knoxville	18 Apr
Hill				13.6 y	1.9	(1)	Drake R	Des Moines	25 Apr
Paul Gibson	USA	20 Jun 48	190/88	A 13.6 y		(1)h	WAC	Salt Lake City	15 May
Gibson				A 13.6 y		(1)	WAC	Salt Lake City	16 May
Milburn				13.6 y		(1)		Pasadena	29 May
Milburn				13.6 y		(1)		Houston	30 May
Gibson				13.6 y	0.7	(2)	Kenn	Berkeley	30 May
Hill				13.6 y	0.5	(1)s2	NCAA	Des Moines	19 Jun
Gibson				13.6 y	0.3	(1)	NCAA	Des Moines	19 Jun
Walker				13.6 y	0.3	(2)	NCAA	Des Moines	19 Jun
Gibson				13.6 y	1.2	(1)h1	AAU	Bakersfield	26 Jun

(48 performances)

Handsome Wearing	USA	48	183/77	13.7		(4)	King	Villanova	16 May
Raimund Bethge	GDR	07 Jul 47	189/83	13.7		(1)		Frankfurt/Oder	30 May
(20)									
Lubomír Nádeníček	CSR	11 Mar 47	176/67	13.7	0.3	(1)	EP/Sf	Sarajevo	1 Aug
Viktor Balikhin	URS	05 Oct 38	187/84	13.7	0.1	(3)	EP/Sf	Zürich	1 Aug

Juan Morales	CUB	12 Jul 48	184/72	13.7		(1)	Int Ch	Bucuresti	12 Sep
Bill Tipton	USA	17 May 49	179/68	13.7 y		(1)	KyR	Lexington	4 Apr
Godfrey Murray	JAM	06 Aug 50	183/77	13.7 y		(2)	KyR	Lexington	4 Apr
Sergio Liani	ITA	03 Aug 43	182/66	13.8		(1)	Zauli	Roma	16 May
Pierre Schoebel	FRA	26 Dec 42	187/80	13.8	0.0	(1)	Méricamp	Lyon	21 Jun
André Brilland	FRA	21 Feb 44		13.8	0.4	(3)	WK	Zürich	3 Jul
Nicolae Pertea	ROU	10 Aug 44	186/76	13.8	0.1	(4)	EP/Sf	Zürich	1 Aug
Eckart Berkes	FRG	09 Feb 49	179/64	13.8		(2)	Int Ch	Bucuresti	12 Sep
(30)									
Marek Józwik	POL	10 Apr 47	184/72	13.8	0.6	(2)	v GBR	Warszawa	13 Sep
Ari Salin	FIN	20 Jan 47	184/75	13.8		(2)	v CSR	Praha	18 Sep
Tom Bonin	USA	09 Mar 48	188/82	A 13.8 y		(1)		Provo	28 Mar
Jimmy Upton	USA	06 Aug 49	178/73	13.8 y		(1)		Monroe	2 May
Larry McBryde	USA	25 May 49	190/86	13.8 y		(2)		Pasadena	29 May
Patrick Malrieu	FRA	09 Jun 48	184/78	13.9		(1)		Bayonne	3 Apr
Håkon Fimland	NOR	08 Mar 42	189/85	13.9		(1)	v SWE	Skövde	26 Jun
Malcom Baird	AUS	06 Jul 48	185/74	13.9		(1)		Sydney	5 Jul
Marco Acerbi	ITA	29 Apr 49	192/76	13.9		(2)		Siena	8 Aug
Oleg Stepanenko	URS	20 Oct 39	183/69	13.9		(1)		Kharkov	10 Aug
(40)									
Kalju Jurkatamm	URS	27 Sep 41	185/76	13.9		(2)		Kharkov	10 Aug
Aleksandr Sinitsin	URS	24 Jul 46	183/66	13.9		(3)		Kharkov	10 Aug
Jürgen Schimmel	FRG	06 Jul 49	183/68	13.9		(2)r2		München	19 Aug
Bo Forssander	SWE	02 Aug 42	186/67	13.9		(1)		Karlstad	24 Aug
Bob Steele	USA	18 Oct 45	185/75	13.9		(1)		Warszawa	3 Sep
Aleksandr Demus	URS	10 Mar 47	180/78	13.9		(1)		Yalta	27 Oct
Tyrone Dutton	USA	23 May 48	178/68	13.9 y		(3)		Long Beach	7 Mar
Don French	USA	22 Jul 48	193/84	A 13.9 y		(2)		Provo	28 Mar
Jim Barber	USA	49	183/75	13.9 y		(3)	KyR	Lexington	4 Apr
Greg Gilliland	USA	46	183/77	13.9 y		(1)		College Station	18 Apr
(50)									
Larry Livers	USA	26 Mar 43	186/82	13.9 y	1.2	(3)	MSR	Walnut	25 Apr
Pete Mattina	USA	13 Mar 50	193/84	13.9 y		(1)		Knoxville	2 May
Pat Pomphrey	USA	23 Jan 44	190/84	A 13.9 y		(1)		South Lake Tahoe	16 May
Rich Weaver	USA	50	178/68	13.9 y		(1)		Carlisle	23 May
Ronald Washington	USA	14 Jan 51	183/73	13.9 y		(3)		Pasadena	29 May
Kwaku Ohene-Frempong	GHA	13 Mar 46	183/75	13.9 y		(1)s	IC4A	Philadelphia	30 May
Corey Bouyer	USA	19 Jun 44	185/86	A 13.9 y		(2)	NAIA	Billings	6 Jun
Walt Butler	USA	04 Nov 42	183/84	13.9 y		(4)		Portland	13 Jun
Willem Coetzee	RSA	06 Jun 44	186/79	A 14.0		(1)	NCh	Pretoria	30 Mar

Klaus Fiedler	GDR	11 Sep 51	180/68	14.0		(1)h	Erfurt	24 May
(60)								
Richard Stotz	GDR	16 Jun 41	186/81	14.0		(2)	Berlin	27 May
Jürgen Wehnert	GDR	13 Jul 51	179/73	14.0		(3)	Berlin	27 May
Harald Uber	GDR	15 Feb 50	186/78	14.0		(2)	Frankfurt/Oder	30 May
Kjellfred Weum	NOR	30 Jul 40	186/79	14.0		(1)	Oslo	18 Jun
Henno Kets	URS	03 Mar 46		14.0		(1)	Daugavpils	23 Jun
Viorel Suciu	ROU	17 Feb 46	188/76	14.0		(1)	Bucuresti	27 Jun
Yuriy Podtergera	URS	29 May 46	186/82	14.0		(1)h	Moskva	12 Jul
Mirosław Wodzynski	POL	13 Jul 51	190/81	14.0		(1)	Warszawa	2 Aug
Efstratios Vassiliou	GRE	12 Dec 48	185/73	14.0		(1)	Athiná	17 Sep
Denis Ghiglia	FRA	06 Mar 46	187/73	14.0		(1)	Colombes	3 Oct
(70)								
Lowell Harris	USA	13 Sep 50		14.0 y		(1)	Tempe	27 Mar
Dan Redfearn	USA	19 Sep 51	185/79	A 14.0 y		(3)	Provo	28 Mar
Tom Ryall	USA	11 Jun 50	196/93	14.0 y		(1)	Gainesville	31 Mar
Sam Caruthers	USA	10 Mar 48	183/75	14.0 y		(1)	San José	4 Apr
Dave Kurrle	USA		49	183/77	14.0 y	(1)	Long Beach	18 Apr
Preston Carrington	USA	12 Jun 49	183/70	14.0 y		(1)	Wichita	22 Apr
Jim Bolding	USA	03 Nov 49	185/75	14.0 y		(2)	Wichita	22 Apr
Dave Derr	USA		49	14.0 y		(1)	Bowling Green	28 Apr
Bob Daniels	USA	21 Aug 48	186/82	14.0 y		(1)	Alpine	9 May
Billy Novo	USA	22 Sep 51	188/82	14.0 y		(1)	Raleigh	9 May
(80)								
Lance Babb	USA	08 Nov 50	183/64	14.0 y	0.0	(4)h2	Bakersfield	16 May
Dick Taylor	USA	06 Dec 48	190/84	14.0 y		(1) Big 10	Bloomington	16 May
Roy Robinson	USA		47	178/68	A 14.0 y	(1) Big Sky	Ogden	16 May
Robert Figueira	USA			14.0 y		(2)	Carlisle	23 May
Gordon Hodges	USA	14 May 50	190/79	14.0 y		(4)	Pasadena	29 May
Paul Kerry	USA	06 Apr 45	183/70	14.0 y		(5)	Portland	13 Jun
Jerry Wilson	USA	04 Nov 50	189/84	14.0 y		(3)	Sacramento	13 Jun
Samson Ogunloye	NGR		44	14.0 y		(4)	Sacramento	13 Jun
Paul Zitko	USA			14.0 y		(6) USTFF	Wichita	13 Jun
Dick Olsen	USA	16 Jan 49	188/83	14.0 y	1.9	(3)h3 NCAA	Des Moines	18 Jun
(90)								
Athanassios Lazaridis	GRE	06 Oct 43		14.0 y		(1)	Madison	26 Jul
David Langley	RSA	27 Jul 43		A 14.1		(1)	Potchefstroom	7 Mar
rucken wind in Leichtathletik / ok in SAF Annual/ also 14.1 (1)h Buenos Aires 7 Nov ok								
Jan Holtzhausen	RSA	17 Jan 47		A 14.1		(2)h NCh	Pretoria	30 Mar
Yevgeniy Mazepa	URS	23 Feb 49	192/79	14.1		(1)	Simferopol	6 Apr

Wilfried Geeroms	BEL	14 Jul 41	185/80	14.1		(1)		Köln	9 May
Drágan Stojicevic	YUG	21 Feb 47	186/76	14.1		(1)		Sarajevo	10 May
Fabrizio Virgili	ITA	21 Aug 44	188/85	14.1		(2)	v ESP	Madrid	31 May
Manfred Tiedtke	GDR	07 Sep 42	187/88	14.1		(1)		Schielleiten	7 jun
Oleg Gorbunov	URS		49	14.1		(1)		Vinnitsa	20 Jun
Gennadiy Lisin	URS	30 Apr 47		14.1		(1)	Znam	Kyiv	2 Jul
(100)									
Johannes van Enkhuizen	NED	29 Jun 46	192/85	14.1		(1)h		Rotterdam	5 Jul
Geoff Smith	AUS	06 Mar 45		14.1		(2)		Sydney	5 Jul
Luigi D'Onofrio	ITA	6 Apr 48	185/77	14.1		(2)	v GRE	Athiná	1 Aug
Daniel Riedo	SUI	22 Feb 42	194/86	14.1	0.1	(5)	EP/Sf	Zürich	1 Aug
Slavoho Dimitrov	BUL	10 Apr 48	180/72	14.1		(1)s	Balkan G	Bucuresti	15 Aug
Boris Pishchulin	URS	07 Dec 45	185/75	14.1		(1)		Leningrad	16 Aug
Manfred Schumann	FRG	07 Feb 51	191/87	14.1	0.4	(2)		Bonn	30 Aug
Andrzej Roszak	POL	13 Sep 51	185/78	14.1		(4)		Warszawa	3 Sep
Rüdiger Demmig	GDR	12 Jan 45	188/84	14.1		(D)		Erfurt	6 Sep
Berwyn Price	GBR	15 Aug 51	189/77	14.1		(1)	ECh/Jr	Colombes	12 Sep
(110)									
Mirosław Majchrzak	POL	03 Feb 49	184/81	14.1	0.6	(3)	v GBR	Warszawa	13 Sep
Yuriy Dyachkov	URS	13 Jul 40	197/99	14.1		(1)		Riga	15 Sep
Ryszard Katus	POL	29 Mar 47	187/85	14.1		(D)		Warszawa	26 Sep
Nikolay Avilov	URS	06 Aug 48	191/90	14.1		(2)		Dnepropetrovsk	14 Oct
John Morriss	USA	19 Apr 45	183/73	14.1 y		()		Beaumont	28 Feb
Wayne Vondenstein	USA			14.1 y		()		Baton Rouge	7 Mar
Bob McLennan	USA		48 183/73	14.1 y		()		Berkeley	11 Apr
Kerry Hampton	USA			14.1 y		()		Berkeley	11 Apr
Ernie Holmes	USA			14.1 y		()		San Luis Obispo	18 Apr
Donny Rogers	USA	02 Jan 51	185/75	14.1 y		()		College Station	18 Apr
(120)									
Roosevelt Williams	USA		49 183/73	14.1 y		()		Tempe	18 Apr
Don Parish	USA	11 May 48	193/84	14.1 y		()	MSR	Walnut	25 Apr
Bush Marshall	USA			14.1 y		()		Knoxville	2 May
Steve Richards	USA			14.1 y		()		Baton Rouge	3 May
John McGuire	USA	30 Aug 47	178/67	14.1 y		()		Abilene	9 May
Efren Gipson	USA	29 Dec 49	185/84	14.1 y		(2)		Alpine	9 May
Rick Mauck	USA			14.1 y		()		Bakersfield	16 May
Joe McKissic	USA			14.1 y		()		Beaumont	16 May
Ed Wheeler	USA			14.1 y		()		Philadelphia	23 May
John Morrison	USA	02 Sep 51	186/80	14.1 y		(3)		Kalamazoo	30 May

(130)

Louis Clark	USA		49	183/75	A 14.1 y	()	NAIA	Billings	5 Jun
Stan Druckery	USA	10 Aug	48	186/77	A 14.1 y	()	NAIA	Billings	5 Jun
Greg Vandaveer	USA	07 May	52	190/84	14.1 y	()		Oklahoma City	9 Jul

(133 performers)

OTHER EUROPEAN PERFORMANCES

Trzmiel					13.7	(1)		Esslingen	24 May
Nickel					13.7	(1)r1		Leverkusen	31 May
Nickel					13.7	(1)r2		Leverkusen	31 May
Trzmiel					13.7	(1)		Darmstadt	6 Jun
Trzmiel					13.7	(1)		Athiná	13 Jun
Siebeck					13.7	(1)		Berlin	17 Jun
Nickel					13.7	(3)	v USA	Stuttgart	16 Jul
Nickel					13.7	(1)	NCh	Berlin	8 Aug
Nádenicek					13.7	(1)		Liberec	11 Aug
Drut					13.7	(1)	EP	Stockholm	29 Aug
Drut					13.7	(1)		Oignies	6 Sep
Nádenicek					13.7	(1)	v FIN	Praha	18 Sep
Drut					13.7	(1)	v CSR	Colombes	26 Sep
Balikhin					13.7	(1)		Erfurt	27 Sep

OTHER EUROPEAN PERFORMERS

Vyacheslav Skomorochov	URS	04 Oct	40	185/76	14.2	(1)		Kharkov	19 May
Yuriy Gorskiy	URS	05 Feb	47		14.2	(1)h		Nalchik	23 May
Philippe Bunel	FRA	07 May	50	81/78	14.2	(1)		Sotteville-lès-Rou	30 May
(60)									
Petr Czech	CSR	06 Jan	44	185/75	14.2	(2)h		Banská Bystrica	13 Jun
Steen Petersen	DEN	23 Mar	47		14.2	(3)h	Kusoc	Warszawa	20 Jun
Adam Kolodziejczyk	POL	19 Oct	39	187/78	14.2	(1)		Lublin	20 Jun
Vitaliy Silayev	URS	07 Feb	46		14.2	(1)h		Kyiv	2 Jul
Kenth Olsson	SWE	14 Aug	45	187/78	14.2	(2)		Gävle	6 Jul
Roland Strohacker	FRG	08 Mar	49	183/78	14.2	(3)		München	12 Jul
Rafael Cano	ESP	22 Sep	43	181/76	14.2	(6)	EP/Sf	Zürich	1 Aug
Lech Wodzynski	POL	16 Feb	46	187/78	14.2	(2)		Warszawa	2 Aug
Georgi Mlyakov	BUL	15 Apr	47	194/90	14.2	(3)s		Bucuresti	15 Aug
Steen Smidt Jensen	DEN	26 Jan	45	185/75	14.2	(1)	NCh	Lyngby	15 Aug

(70)

14.45

Krister Clarselius	SWE	21 May 48	184/75	14.2		(2)		Norrköping	17 Aug
Valentin Balakhnichev	URS	23 Apr 49		14.2		(1)h		Moskva	22 Aug
Ivan Sedláček	CSR	03 Feb 46	186/80	14.2		(1)		Uherské Hradiste	5 Sep
Dan Hidiosanu	ROU	30 May 47	181/70	14.2		(3)		Bucuresti	12 Sep
Frantisek Slavotinek	CSR	22 Nov 45	180/75	14.2		(3)	v FIN	Praha	18 Sep
Matti Harri	FIN	10 Feb 40	180/69	14.2		(4)	v CSR	Praha	18 Sep
Viktor Yevseyev	URS	29 Apr 47		14.2		(1)		Donetsk	25 Sep
Béla Mélykuti	HUN	09 Nov 42		14.2		(1)		Budapest	1 Oct
Petr Löhr	FRG	30 Jul 50		14.2		(1)		Essen	13 Oct

(80)

AUTOMATIC TIMING

Thomas Hill	USA	17 Nov 49	188/75	13.42	y	0.0	(1)	AAU	Bakersfield	26 Jun
Marcus Walker	USA	10 Feb 49	186/79	13.43	y	0.0	(2)	AAU	Bakersfield	26 Jun
Guy Drut	FRA	06 Dec 50	189/75	13.59		0.1	(1)	EP/Sf	Zürich	1 Aug
Drut				13.71		1.3	(1)	v ESP	Colombes	28 Jun
David Hemery	GBR	18 Jul 44	187/74	13.72		0.1	(2)	EP/Sf	Zürich	1 Aug
Drut				13.72		0.5	(1)	EP	Stockholm	29 Aug
Werner Trzmiel	FRG	16 Mar 42	183/74	13.78		0.4	(1)	WK	Zürich	3 Jul
Drut				13.80		-0.6	(1)	v CSR	Colombes	26 Sep
Günter Nickel	FRG	24 Mar 46	194/78	13.82		0.3	(1)	NCh	Berlin	8 Aug
Nickel				13.84		0.1	(1)s2	NCh	Berlin	8 Aug
Denis Ghiglia	FRA	06 Mar 46	187/73	13.97		1.3	(2)	v ESP	Colombes	28 Jun
Nickel				13.96		0.8	(1)h2	NCh	Berlin	7 Aug
Alan Pascoe	GBR	11 Oct 47	185/73	13.99		0.4	(2)	WK	Zürich	3 Jul
André Brilland	FRA	21 Feb 44		14.07		-0.6	(2)	v CSR	Colombes	26 Sep
Lubomír Nádeníček	CSR	11 Mar 47	176/67	14.12		-0.6	(3)	v FRA	Colombes	26 Sep
Trzmiel				14.14		0.2	(1)s1	NCh	Berlin	8 Aug
Bo Forssander	SWE	02 Aug 42	186/67	14.15		0.5	(2)	EP	Stockholm	29 Aug
Jürgen Schimmel	FRG	06 Jul 49	183/68	14.19		0.1	(1)h1	NCh	Berlin	7 Aug
Berwyn Price	GBR	15 Aug 51	189/77	14.21		0.0	(1)	ECh/Jr	Colombes	12 Sep
Mirosław Wodzynski	POL	13 Jul 51	190/81	14.22		0.0	(2)	ECh/Jr	Colombes	12 Sep
Klaus Fiedler	GDR	11 Sep 51	180/68	14.22		0.0	(3)	ECh/Jr	Colombes	12 Sep
Patrick Malrieu	FRA	09 Jun 48	184/78	14.26		-0.6	(4)	v CSR	Colombes	26 Sep
Trzmiel				14.27		0.0	(1)h3	NCh	Berlin	7 Aug
Manfred Schumann	FRG	07 Feb 51	191/87	14.30		0.0	(4)	ECh/Jr	Colombes	12 Sep
Roland Strohhäcker	FRG	08 Mar 49	183/78	14.33		0.2	(2)s1	NCh	Berlin	8 Aug
Jürgen Schimmel	FRG	06 Jul 49	183/68	14.34		0.1	(1)h1	NCh	Berlin	7 Aug
Strohhäcker				14.37		0.3	(5)	NCh	Berlin	8 Aug

Schimmel				14.38	0.2	(3)s1	NCh	Berlin	8 Aug
Schumann				14.41	0.1	(2)s2	NCh	Berlin	8 Aug
Schumann				14.53	0.0	(2)h3	NCh	Berlin	7 Aug
Manfred Richter	FRG	04 Apr 49		14.54	0.1	(2)h1	NCh	Berlin	7 Aug
Richter				14.54	0.1	(3)s2	NCh	Berlin	8 Aug
Strohhäcker				14.55	0.1	(3)h1	NCh	Berlin	7 Aug
Hinrich John	FRG	11 May 36	183/73	14.56	0.8	(2)h2	NCh	Berlin	7 Aug
Peter Koch	FRG	09 Apr 46		14.58	0.1	(4)h1	NCh	Berlin	7 Aug
Adolf Heine	FRG	22 Jul 49	183/76	14.71	0.1	(5)h1	NCh	Berlin	7 Aug
Werner Eikmeier	FRG	12 Dec 42	181/78	14.72	0.1	(4)s2	NCh	Berlin	8 Aug
Jan Weimar	FRG	04 Jun 39		14.73	0.1	(5)s2	NCh	Berlin	8 Aug
Hans-Helmut Trense	FRG	17 Aug 40	187/83	14.75	0.8	(3)h2	NCh	Berlin	7 Aug
Koch				14.78	0.1	(6)s2	NCh	Berlin	8 Aug
Heine				14.79	0.2	(4)s1	NCh	Berlin	8 Aug
Peter Löhr	FRG	30 Jul 50		14.79	0.1	(7)s2	NCh	Berlin	8 Aug
Erwin Sontgerath	FRG	21 Mar 48		14.80	0.0	(3)h3	NCh	Berlin	7 Aug

Disqualified

Walker				13.5y		(-)	USTFF	Wichita	13 Jun
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Rolling start

Günter Nickel	FRG	24 Mar 46	186/75	13.5		(1) r1		Bonn	23 Aug
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Doubtful timing or Irregular race

Werner Trzmiel	FRG	16 Mar 42	183/74	13.6	-1.0	(1)r2		Esslingen	24 May
Trzmiel				13.7	0.4	(1)r1		Esslingen	24 May
Manfred Klaussner	FRG	19 Jan 46	190/84	14.0	-1.0	(2)r2		Esslingen	24 May
Roland Strohhäcker	FRG	08 Mar 49	183/78	14.1	-1.0	(3)r2		Esslingen	24 May

WIND ASSISTED

Thomas Hill	USA	17 Nov 49	188/75	13.1 y	2.5	(1)s1	USTFF	Wichita	13 Jun
Hill				13.3	3.5	(1)	v FRA	Colombes	9 Jul
Marcus Walker	USA	10 Feb 49	186/79	13.3	3.5	(2)	v FRA	Colombes	9 Jul
Hill				13.3 y		(1)h2	USTFF	Wichita	12 Jun
Rod Milburn	USA	18 May 50	182/80	13.3 y	2.5	(1)s2	USTFF	Wichita	13 Jun
Drut			183/80	13.4	4.0	(1)h1	NCh	Colombes	18 Jul

Drut				A 13.4	3.3	(1)		Font-Romeu	9 Aug
Tom Lee White	USA	20 May 44	193/86	13.4 y		(1)		San José	18 Apr
Hill				13.4 y	2.3	(1)h1	Cal R	Modesto	23 May
Davenport				13.4 y	3.0	(1)	Cal R	Modesto	23 May
Milburn				13.4 y		(1)h3	USTFF	Wichita	12 Jun
Drut				13.5	3.5	(3)	v USA	Colombes	9 Jul
Walker				13.5 y		(1)		Wichita	11 Apr
Jimmy Upton	USA	06 Aug 49	178/73	13.5 y	2.1	(1)		Natchitoches	18 Apr
Milburn				13.5 y		(1)	SWAC	Houston	9 May
Paul Gibson	USA	20 Jun 48	190/88	13.5 y	2.3	(2)h1	Cal R	Modesto	23 May
Gibson				13.5 y	3.0	(2)	Cal R	Modesto	23 May
Walker				13.5 y		(1)h1	USTFF	Wichita	12 Jun
Hemery				13.6	2.9	(1)	Comm G	Edinburgh	18 Jul
Milburn				13.6 y		(1)		Lafayette	11 Apr
Carty				13.6 y		(2)		San José	18 Apr
Sam Caruthers	USA	10 Mar 48	183/75	13.6 y		(3)		San José	18 Apr
Power				13.6 y		(4)		San José	18 Apr
Dick Taylor	USA	06 Dec 48	190/84	13.6 y		(1)		DeKalb, Ill.	2 May
Hill				13.6 y	3.0	(3)	Cal R	Modesto	23 May
Gibson				13.6 y	2.5	(1)h1	NCAA	Des Moines	18 Jun

(26 performances)

Patrick Malrieu	FRA	09 Jun 48	184/78	A 13.7	3.3	(2)		Font-Romeu	9 Aug
André Brilland	FRA	21 Feb 44		A 13.7	3.3	(3)		Font-Romeu	9 Aug
(10)									
Roosevelt Williams	USA		49 183/73	A 13.7 y		(1)		Albuquerque	11 Apr
Rockie Meadors	USA		48 183/77	13.7 y		(1)		Canyon, TX	7 May
Randy Thomas	USA		48 183/75	13.7 y		(2)		Canyon, TX	7 May
Dick Olsen	USA	16 Jan 49	188/83	13.7 y	2.3	(3)h1	Cal R	Modesto	23 May
Ronald Washington	USA	14 Jan 51	183/75	13.7 y		(1)h		Pasadena	30 May
Harald Uber	GDR	15 Feb 50	186/78	13.8	3.6	(1)		Rostock	18 Jul
Malcom Baird	AUS	06 Jul 48	185/74	13.8	2.9	(2)	Comm G	Edinburgh	18 Jul
Myron Johnson	USA		48 183/73	13.8 y		(1)		Fresno	31 May
Bob McLennan	USA		48 183/73	13.8 y	4.5	(1)		Pullman	18 Apr
Efren Gipson	USA	29 Dec 49	185/84	13.8 y		(1)		Kingsville	2 May
(20)									
Walt Butler	USA	04 Nov 42	183/84	13.8 y		(3)h3	Cal R	Modesto	23 May
Preston Carrington	USA	12 Jun 49	183/70	13.8 y	2.5	(2)s1	USTFF	Wichita	13 Jun
Efstratios Vassiliou	GRE	12 Dec 48	185/73	13.9		(1)		Athiná	11 Sep

Randy Butts	USA	06 Jun 51	188/86	13.9 y		(1)s2	Tex R	Austin	3 Apr	
"Roderick" Lee Chung-Ping	TPE	19 Oct 49	180/70	13.9 y	4.5	(2)		Pullman	18 Apr	
Greg Magee	USA	21 Apr 47	183/73	13.9 y		(1)		Quantico	2 May	
David Weathersby	USA		50	13.9 y		(2)		Kingsville	2 May	
Jim Bolding	USA	03 Nov 49	185/75	13.9 y		(1)		Baton Rouge	9 May	
Larry McCready	USA	01 Oct 47	193/86	13.9 y	2.3	(4)h1	Cal R	Modesto	23 May	
David Langley	RSA	27 Jul 43		A 14.0		(1)		Pretoria	18 Apr	
(30)										
Brian Donnelly	CAN	01 Jan 42	180/75	14.0	6.8	(3)h1	Comm G	Edinburgh	17 Jul	
Lothar Krohn	GDR	02 Jul 50	193/79	14.0	3.6	(2)		Rostock	18 Jul	
Ernie Smith	USA	13 Jan 42	183/77	14.0 y		()		Santa Maria	24 Mar	
Jim Seymour	USA	27 Jul 49	185/75	14.0 y		()		Pullman	2 May	
John McKissic	USA			14.0 y		()				
Philippe Bunel	FRA	07 May 50	181/78	14.1		(2)		Paris	18 May	
Ryszard Kurowski	POL	20 Feb 50	194/82	14.1	2.6	(1)		Warszawa	26 Jun	
Adam Kolodziejczyk	POL	19 Oct 39	187/78	14.1	2.6	(2)		Warszawa	26 Jun	
Tony Nelson	CAN	30 Nov 50	183/79	14.1		()		Winnipeg	12 Sep	

(39 performers)

OTHER EUROPEAN PERFORMANCES

Hemery				13.7	6.8	(1)h1	Comm G	Edinburgh	17 Jul
Drut				13.8	2.6	(1)		Paris	18 May
Pascoe				13.8	5.0	(1)h3	Comm G	Edinburgh	17 Jul
Schoebel				13.8	2.8	(1)h2	NCh	Colombes	18 Jul
Hemery				13.8	5.4	(1)s1	Comm G	Edinburgh	17 Jul
Siebeck				13.8		(1)		Berlin	26 Jul
Malrieu				13.8		(1)		Narbonne	13 Sep

AUTOMATIC TIMING - WIND ASSISTED

David Hemery	GBR	18 Jul 44	187/74	13.67	2.9	(1)	Comm G	Edinburgh	18 Jul
Hemery				13.71	6.8	(1)h1	Comm G	Edinburgh	17 Jul
Hemery				13.84	5.4	(1)s1	Comm G	Edinburgh	18 Jul
Malcom Baird	AUS	06 Jul 48	185/74	13.86	2.9	(2)	Comm G	Edinburgh	18 Jul
Alan Pascoe	GBR	11 Oct 47	185/73	13.87	5.0	(1)h3	Comm G	Edinburgh	17 Jul
Pascoe				13.99	4.5	(1)s2	Comm G	Edinburgh	18 Jul
Godfrey Murray	JAM	06 Aug 50	180/80	14.02	2.9	(3)	Comm G	Edinburgh	18 Jul
Brian Donnelly	CAN	01 Jan 42	180/75	14.05	6.8	(3)h1	Comm G	Edinburgh	17 Jul

Kwaku Ohene-Frempong	GHA	13 Mar 46	183/75	14.06	5.4	(3)s1	Comm G	Edinburgh	18 Jul
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400 METRES HURDLES (437.44 yards) * 440 yards time less 0.3 sec.

Ralph Mann	USA	16 Jun 49	193/84	48.5*		(1)	NCAA	Des Moines	20 Jun
Jean-Claude Nallet	FRA	15 Mar 47	187/85	48.6		(1)	v USA	Colombes	8 Jul
Wayne Collett	USA	20 Oct 49	188/84	48.9*		(2)	NCAA	Des Moines	20 Jun
Mann				49.1*		(1)	Drake R	Des Moines	24 Apr
Mann				49.3		(1)	v FRG	Stuttgart	15 Jul
Nallet				49.4		(1)	EP/Sf	Zürich	2 Aug
Mann				49.5*		(1)	AAU	Bakersfield	27 Jun
Mann				49.5		(2)	v FRA	Colombes	8 Jul
Collett				49.7*		(1)		Los Angeles	7 Mar
Mann				49.7*		(1)	Tex R	Austin	3 Apr
Rainer Schubert	FRG	12 Oct 41	190/78	49.8		(2)	v USA	Stuttgart	15 Jul
Collett				49.9*		(1)h2	NCAA	Des Moines	18 Jun
Ron Whitney	USA	05 Oct 42	187/78	49.9*		(2)	AAU	Bakersfield	27 Jun
Mann				49.9		(1)	v URS	Leningrad	24 Jul
Ari Salin	FIN	20 Jan 47	185/75	49.9		(1)	v CSR	Praha	19 Sep
Wess Williams	USA	17 Oct 48	190/75	50.0*		(3)	NCAA	Des Moines	20 Jun
Whitney				50.0		(3)	v FRG	Stuttgart	15 Jul
John Sherwood	GBR	04 Jun 45	187/82	50.0		(1)	Comm G	Edinburgh	21 Jul
Salin				50.0		(1)	EP Sf	Helsinki	2 Aug
Werner Reibert	FRG	05 Jan 48	182/75	50.0		(1)	NCh	Berlin	9 Aug
Charles Kipkemboi Yego	KEN		44 180/64	A 50.0		(1)	EAfr Ch	Nairobi	29 Aug
Collett				50.1*		(1)		West Los Angeles	25 Apr
William Koskei	UGA	28 Dec 47	183/72	50.1		(2)	Comm G	Edinburgh	21 Jul
Yego				50.1		(3)	Comm G	Edinburgh	21 Jul
Koskei				A 50.1		(1)	NCh	Kampala	23 Aug
Salin				50.1		(1)		Helsinki	24 Aug
Nallet				50.1		(1)	EP	Stockholm	30 Aug
Vyacheslav Skomorokhov	URS	04 Oct 40	185/76	50.1		(1)	NCh	Minsk	12 Sep
Gary Knoke	AUS	05 Feb 42	190/80	50.2		(1)	NCh	Adelaide	22 Mar
Lee Evans	USA	25 Feb 47	180/78	50.2*		(1)	MSR	Walnut	25 Apr
Williams				50.2*		(1)	Kenn	Berkeley	30 May
Giorgio Ballati	ITA	02 Apr 46	179/64	50.2		(1)	v ESP	Madrid	31 May
Collett				50.2*		(1)s2	NCAA	Des Moines	19 Jun
Gerhard Hennige	FRG	23 Sep 40	190/85	50.2		(2)	NCh	Berlin	9 Aug
Koskei				A 50.0		(2)	EAfr Ch	Nairobi	29 Aug

Larry James	USA	06 Nov 47	183/75	50.2	(1)	WUG	Torino	6 Sep
Dmitriy Stukalov	URS	02 May 51	186/76	50.2	(1)	ECh/Jr	Colombes	13 Sep
(37 performances)								
Don Kellar	USA	05 Aug 49	178/68	50.3y	(2)	Tex R	Austin	3 Apr
Peter Rich	RSA	20 Mar 45		A 50.3	(1)		Potchefstroom	27 Apr
(20)								
Jim Wharton	USA	27 Sep 49	186/71	50.3y	(4)	NCAA	Des Moines	20 Jun
Manfred Klaussner	FRG	19 Jan 46	190/84	50.3	(3)	NCh	Berlin	9 Aug
Tadeusz Kulczycki	POL	01 Feb 48	180/76	50.3	(1)	v GBR	Warszawa	12 Sep
Jean-Pierre Perrot	FRA	07 Mar 52	174/66	50.3	(2)	ECh/Jr	Colombes	13 Sep
Ron Rondeau	USA	28 May 48	187/73	50.4y	(5)	NCAA	Des Moines	20 Jun
Zdzislaw Serafin	POL	16 Aug 48	173/66	50.4	(1)	NCh	Warszawa	8 Aug
Anatoliy Kazakov	URS	16 Sep 42	183/77	50.5	(2)	NCh	Minsk	12 Sep
Juan Garcia	CUB	05 Nov 45	183/68	50.6	(1)	CAC G	Ciudad de Panamá	2 Mar
Alejandro Sanchez	MEX	29 Jun 49	170/56	50.6	(2)	CAC G	Ciudad de Panamá	2 Mar
Dick Bruggeman	USA	13 Jun 47	186/77	50.6y	(1)	Dog R	Knoxville	18 Apr
(30)								
Dick Olsen	USA	16 Jan 49	188/83	50.6y	(2)	Pac 8	West Los Angeles	16 May
Corey Bouyer	USA	19 Jun 44	185/86	A 50.6y	(1)	NAIA	Billings	6 Jun
Francisco Suárez	ESP	17 Jan 49	185/76	50.6	(1)	NCh	Madrid	11 Jul
Yevgeniy Gavrilenko	URS	05 Apr 51	187/76	50.6	(3)	ECh/Jr	Colombes	13 Sep
Jacinto Hidalgo	VEN	04 Jan 43	178/68	50.6	()			
Dennis Cotner	USA	07 May 48	183/73	50.7y	(3)	Tex R	Austin	3 Apr
David Wyatt	USA	16 Jan 48	183/80	50.7y	(2)	Dog R	Knoxville	18 Apr
Mike Cronholm	USA	21 Feb 51	183/70	50.7y	(1)		Pasadena	2 May
Alessandro Scatena	ITA	20 Dec 46	187/80	50.7	(2)	v ESP	Madrid	31 May
T.C. Minor	USA	49	180/73	A 50.7y	(2)	NAIA	Billings	6 Jun
(40)								
Christian Rudolph	GDR	15 Feb 49	185/80	50.7	(1)	NCh	Erfurt	4 Jul
Sergio Bello	ITA	06 May 42	178/67	50.7	(1)	NCh	Roma	14 Jul
Stavros Tziortzis	GRE	15 Sep 48	176/62	50.7	(1)	Balkan G	Bucuresti	14 Aug
Hardee McAlhane	USA	12 Jun 47	180/79	50.8y	(1)	SEC	Gainesville	16 May
Bob Steele	USA	18 Oct 45	185/75	50.8y	(1)		Kalamazoo	30 May
Antoni Siwec	POL	06 Feb 43	180/68	50.8	(3)	NCh	Warszawa	8 Aug
Dieter Büttner	FRG	24 Feb 49	191/80	50.8	(2)h1	NCh	Berlin	8 Aug
Dieter Friedrich	FRG	27 Dec 47	182/73	50.8	(4)	NCh	Berlin	9 Aug
Ion Ratoi	ROU	14 Jul 41	183/68	50.8	(2)	Balkan G	Bucuresti	14 Aug
Torsten Torstensson	SWE	19 Jul 47	186/80	50.8	(1)		Växjö	16 Aug

(50)

Georg Nückles	FRG	14 May 48	182/73	50.8	(1)	v FRA/B	Vittel	29 Aug
Jim Grant	JAM	08 Jan 47		A 50.9y	(3)	NAIA	Billings	6 Jun
Jim Seymour	USA	27 Jul 49	185/75	50.9y	(2)s1	NCAA	Des Moines	19 Jun
Witold Banaszak	POL	06 Apr 45	184/77	50.9	(2)	v CSR HUN	Warszawa	28 Jun
Michel Montgermont	FRA	31 Mar 47	178/69	50.9	(1)	NCh	Colombes	19 Jul
Michael Murei	KEN	15 Mar 50	173/71	A 50.9	(3)	EAfr Ch	Nairobi	29 Aug
Heinz Hofer	SUI	18 Apr 46	173/67	50.9	(1)	Int Ch	Bucuresti	13 Sep
Hansjörg Wirz	SUI	09 Jun 43	177/70	50.9	(1)	v ITA HUN	Bucuresti	19 Sep
John Akii Bua	UGA	03 Dec 49	188/77	A 51.0	(2)		Kampala	23 May
Gérard Le Bolch	FRA	16 Jan 43	174/74	51.0	(2)	NCh	Colombes	19 Jul

(60)

Victor Maldonado	VEN	03 Aug 39	183/63	51.0	(1)	Boliv	Maracaibo	30 Aug
Valeriy Shkotkin	URS	08 Mar 50		51.0	(3)	NCh	Minsk	12 Sep
Jaakko Tuominen	FIN	04 May 44	186/79	51.0	(2)	v CSR	Praha	19 Sep
Efren Gipson	USA	29 Dec 49	185/84	51.1y	(1)h	Tex R	Austin	3 Apr
Wayne Hartwick	USA	29 Mar 49	180/77	51.1y	(4)s1	NCAA	Des Moines	19 Jun
Dave Schärer	GBR	15 Oct 42	173/67	51.1	(5)	Comm G	Edinburgh	21 Jul
Roger Johnson	NZL	10 Dec 43	183/78	51.2y	(1)		Los Angeles	14 Mar
Håkan Öberg	SWE	27 May 46	185/80	51.2y	(1)	Penn R	Philadelphia	24 Apr
James Ball	USA	16 Oct 47	178/77	51.2y	(1)	SWAC	Houston	9 May
Yuriy Zorin	URS	04 Sep 47	188/69	51.2	(1)h	Znam	Kyiv	3 Jul

(70)

Rüdiger Demmig	GDR	12 Jan 45	188/84	51.2	(2)	NCh	Erfurt	4 Jul
Yuriy Sinekov	URS	11 Jan 42	187/77	51.2	(4)	NCh	Minsk	12 Sep
Miguel Olivera	CUB	05 Jul 46	177/63	51.3	(3)	CAC G	Ciudad de Panamá	2 Mar
Dave Adkins	USA	26 Oct 46	186/79	51.3y	(3)	MSR	Walnut	25 Apr
Mark Koster	USA	27 Sep 49	183/77	51.3y	(1)	Big 10	Bloomington	16 May
Jack Keeler	USA	48	180/73	51.3y	(2)	Big 10	Bloomington	16 May
Mike Sullivan	USA	30 Dec 50	173/68	51.3y	(2)	SEC	Gainesville	16 May
Rich Weaver	USA	50	178/68	51.3y	(1)	IC4A	Philadelphia	30 May
Manuel Soriano Nieto	ESP	08 Dec 45	174/68	51.3	(3)	v ITA	Madrid	31 May
Miroslav Kodejs	CSR	07 Jul 50	187/70	51.3	(1)		Praha	23 Jun

(80)

Peter Coetzee	RSA	47		A 51.4	(1)	NCh	Pretoria	28 Mar
Bob McLennan	USA	48	183/73	51.4y	(1)		Berkeley	11 Apr
David Prince	USA	06 Oct 49	190/77	51.4y	(5)	Drake R	Des Moines	24 Apr
Tyrone Dutton	USA	23 May 48	178/68	51.4y	(3)	Pac 8	West Los Angeles	16 May
Viktor Myasnikov	URS	03 Sep 48	187/83	51.4	(1)		Moskva	10 Jun
Jerzy Hewelt	POL	23 Aug 48	173/61	51.4	(5)	NCh	Warszawa	8 Aug

Gerhard Lossdörfer	FRG	17 Oct 43	192/75	51.4	(6)	NCh	Berlin	9 Aug	
Erik Jarlnæs	DEN	16 Sep 44		51.4	(1)		Papendal	2 Sep	
Chris De Nysschen	RSA	47		A 51.5	(1)		Pretoria	11 Apr	
Mike Jones	USA	17 Jul 50	185/73	A 51.5y	(1)		Albuquerque	2 May	
(90)									
Ralph Baker	USA	47	180/70	51.5y	(3)		Kalamazoo	30 May	
Vyacheslav Tyapugin	URS	14 Feb 46		51.5	(1)		Frunze	7 Jun	
Bernard Pollet-Villard	FRA	02 Jun 41	176/66	51.5	(3)	NCh	Colombes	19 Jul	
Willi Beinvogel	FRG	24 Sep 47	180/73	51.5	(7)	NCh	Berlin	9 Aug	
Yuriy Kozelskiy	URS	16 Apr 46		51.5	(1)		Riga	22 Aug	
Vladimir Golovanov	URS	05 Jan 47		51.5	(5)	NCh	Minsk	12 Sep	
Herman Franklin	USA	09 Jul 48	185/74	51.6y	(1)		Tempe	14 Mar	
Carl Wood	USA	01 Jul 49	185/82	51.6y	(1)		Columbia	4 Apr	
Kinksley Agbabokha	NGR	44		51.6y	(1)	v GHA	Ibadan	25 Apr	
Myron Johnson	USA	48	183/73	51.6y	(1)		Seattle	9 May	
(100)									
Len Gaskill	USA	50	180/77	51.6y	(2)		Fresno	16 May	
Henry Jackson	JAM	25 Oct 47	188/80	51.6y	(1)		Garden City	16 May	
Joe Simones	USA			51.6y	(2)	Big 8	Lawrence	16 May	
Bill Gairdner	CAN	19 Oct 40	180/82	51.6	(1)		Colombes	28 May	
Bob Roberts	GBR	07 Nov 44		51.6	(1)		London	26 Jun	
Lorentz Zitzmann	GDR	30 Sep 46	184/83	51.6	(3)	NCh	Erfurt	4 Jul	
Stanislaw Gubiec	POL	10 Apr 42	178/73	51.6	(6)	NCh	Warszawa	8 Aug	
Roberto Frinolli	ITA	13 Nov 40	175/65	51.6	(5)	v HUN ROM	Bucuresti	19 Sep	

(108 performers)

Disqualified for dragging trial leg

Ron Whitney	USA	05 Oct 42	187/78	50.6y	(-)	MSR	Walnut	25 Apr
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OTHER EUROPEAN PERFORMANCES

Salin				50.3	(2)		Riihimäki	27 Jul
Stukalov				50.3	(1)	v GDR POL	Erfurt	26 Sep
Nallet				50.4	(1)		Colombes	13 Jun
Nallet				50.4	(1)	Méricamp	Lyon	21 Jun
Schubert				50.4	(1)	WK	Zürich	3 Jul
Klaussner				50.4	(4)	v USA	Stuttgart	15 Jul
Reibert				50.4	(1)	EP/Sf	Sarajevo	2 Aug

51.5 ?

Reibert				50.4	(2)	WUG	Torino	6 Sep
Nallet				50.5	(1)	v ESP	Colombes	27 Jun
Reibert				50.5	(2)	WK	Zürich	3 Jul
Stukalov				50.5	(2)	v USA	Leningrad	24 Jul
Salin				50.5	(1)		Helsinki	2 Aug
Reibert				50.5	(1)		München	18 Aug

AUTOMATIC TIMING

John Sherwood	GBR	04 Jun 45	187/82	50.03	(1)	Comm G	Edinburgh	21 Jul
Werner Reibert	FRG	05 Jan 48	182/75	50.10	(1)	NCh	Berlin	9 Aug
William Koskei	KEN	28 Dec 47	183/72	50.15	(2)	Comm G	Edinburgh	21 Jul
Charles Kipkemboi Yego	KEN		44 180/64	50.19	(3)	Comm G	Edinburgh	21 Jul
Dmitriy Stukalov	URS	02 May 51	186/76	50.30	(1)	ECh/Jr	Colombes	13 Sep
Gerhard Hennige	FRG	23 Sep 40	190/85	50.35	(2)	NCh	Berlin	9 Aug
Jean-Pierre Perrot	FRA	07 Mar 52	174/66	50.45	(2)	ECh/Jr	Colombes	13 Sep
Manfred Klaussner	FRG	19 Jan 46	190/84	50.50	(3)	NCh	Berlin	9 Aug
Klaussner				50.62	(1)h1	NCh	Berlin	8 Aug
Yevgeniy Gavrilenko	URS	05 Apr 51	187/76	50.72	(3)	ECh/Jr	Colombes	13 Sep
Klaussner				50.77	(1)s1	NCh	Berlin	8 Aug
Dieter Büttner	FRG	24 Feb 49	191/80	50.78	(2)h1	NCh	Berlin	8 Aug
Jean-Claude Nallet	FRA	15 Mar 47	187/85	50.83	(1)	v CSR	Colombes	27 Sep
Reibert				50.84	(1)h2	NCh	Berlin	8 Aug
Dieter Friedrich	FRG	27 Dec 47	182/73	50.96	(4)	NCh	Berlin	9 Aug
Büttner				50.98	(5)	NCh	Berlin	9 Aug
Reibert				50.99	(1)s2	NCh	Berlin	8 Aug
Sherwood				51.04	(1)	v GDR	London	11 Jul
John Akii-Bua	UGA	03 Dec 49	188/77	51.14	(4)	Comm G	Edinburgh	21 Jul
Dave Schärer	GBR	15 Oct 42	173/67	51.17	(5)	Comm G	Edinburgh	21 Jul
Friedrich				51.37	(1)h3	NCh	Berlin	8 Aug
Rainer Schubert	FRG	12 Oct 41	190/78	51.45	(2)h3	NCh	Berlin	8 Aug
Hennige				51.47	(2)h2	NCh	Berlin	8 Aug
Willi Beinvogel	FRG	24 Sep 47	180/73	51.55	(3)h2	NCh	Berlin	8 Aug
Christian Rudolph	GDR	15 Feb 49	185/80	51.56	(2)	v GBR	London	11 Jul
Gerhard Lossdörfer	FRG	17 Oct 43	192/75	51.58	(6)	NCh	Berlin	9 Aug
Bill Gairdner	CAN	19 Oct 40	180/82	51.60	(6)	Comm G	Edinburgh	21 Jul
Sherwood				51.62	(1)h1	Comm G	Edinburgh	18 Jul
Beinvogel				51.65	(6)	NCh	Berlin	9 Aug
Kingsley Agbabokha	NGR		44	51.67	(7)	Comm G	Edinburgh	21 Jul
Gary Knoke	AUS	05 Feb 42	190/80	51.75	(3)s2	Comm G	Edinburgh	21 Jul

Michel Montgermont	FRA	31 Mar 47	178/69	51.87	(2)	v CSR	Colombes	27 Sep
Jean-Pierre Perrot	FRA	07 Mar 52	174/66	51.87	(3)	v CSR	Colombes	27 Sep
Scharer				51.91	(4)s2	Comm G	Edinburgh	21 Jul
Roger Johnson	NZL	10 Dec 43	183/78	51.94	(3)h1	Comm G	Edinburgh	18 Jul
Gerhard Lossdörfer	FRG	17 Oct 43	192/75	52.06	(3)h3	NCh	Berlin	8 Aug
Georg Nückles	FRG	14 May 48	182/73	52.10	(3)h1	NCh	Berlin	8 Aug
Marc Amiel	FRA	30 Apr 51	174/63	52.10	(4)	ECh/Jr	Colombes	13 Sep
Miroslav Kodejs	CSR	07 Jul 50	187/70	52.13	(4)	v CSR	Colombes	27 Sep
Karl-Heinz Barchfeld	FRG	03 Mar 49		52.18	(4)h2	NCh	Berlin	8 Aug
Jim Grant	JAM	08 Jan 47		52.21	(5)s1	Comm G	Edinburgh	21 Jul
Rick Taylor	GBR	08 Nov 50		52.22	(5)s1	Comm G	Edinburgh	21 Jul
Ivan Danis	CSR	29 Jan 51	185/78	52.23	(5)	ECh/Jr	Colombes	13 Sep
Bob Roberts	GBR	07 Nov 44		52.32	(3)	v GDR	London	11 Jul
Roberts				52.42	(1)	AAA	London	8 Aug
Tony Collins	GBR	28 Oct 49	188/82	52.47	(2)h3	Comm G	Edinburgh	18 Jul
John Lewis	GBR	03 Jun 46		52.47	(7)s1	Comm G	Edinburgh	21 Jul
Scharer				52.51	(4)h2	Comm G	Edinburgh	18 Jul
Andrew Webb	GBR	16 Mar 48		52.51	(3)	AAA	London	8 Aug
Hubert Schwan	FRG	17 Feb 50	182/80	52.54	(4)h1	NCh	Berlin	8 Aug
Karl-Rolf Birkhölzer	FRG	20 Oct 39		52.55	(5)h2	NCh	Berlin	8 Aug
Lorentz Zitzmann	GDR	30 Sep 46	184/83	52.58	(4)	v GBR	London	11 Jul
Roberts				52.64	(1)h1	AAA	London	7 Aug
William Hartley	GBR	27 Jun 50	188/87	52.73	(4)	AAA	London	8 Aug

HIGH JUMP (i = indoor mark made from non-board take-off - b = board take-off)

Ni Chih-Chin	CHN	14 Apr 42	184/71	2.29	(1)		Shangai	8 Nov
Kestutis Sapka	URS	15 nov 49	191/85	2.23	(1)		Sochi	3 Oct
Bill Elliott	USA	21 Nov 46	186/77	2.215	(1)	Cal R	Modesto	23 May
Reynaldo Brown	USA	06 Dec 50	198/88	2.215	(2)	Cal R	Modesto	23 May
Sapka				2.21	(1)		Vilnius	21 Aug
Valentin Gavrilov	URS	26 Jul 46	191/78	b 2.20 i	(1)	EiCh	Wien	14 Mar
Brown				2.20	(1)	King	Villanova	16 May
István Major	HUN	20 May 49	187/80	2.20	(1)		Budapest	24 May
Gavrilov				2.20	(1)	Znam	Kyiv	3 Jul
Sapka				2.20	(1)		Kyiv	16 Aug
Gavrilov				2.20	(1)		Moskva	22 Aug
Thomas Zacharias	FRG	02 Jan 47	185/77	2.20	(1)		Mayen	27 Sep
Brown				b 2.19 i	(1)		Toronto	5 Feb

Brown				2.19	(1)		Long Beach	18 Apr
Endre Kelemen	HUN	05 Nov 47	190/81	2.19	(1)	v CSR POL	Warszawa	28 Jun
Gavrilov				2.19	(1)		Moskva	21 Aug
Viktor Bolshov	URS	23 May 39	184/79	2.19	(1)		Kishinyov	5 Sep
Zacharias				2.19	(1)		Mainz	19 Sep
Brown				b 2.185 i	(1)		San Francisco	3 Jan
Ron Jourdan	USA	28 Feb 47	185/68	2.185	(1)		Gainesville	31 Mar
Barry Shepard	USA	23 May 48	181/79	2.185	(1)		Tempe	31 Mar
Gerd Dührkop	GDR	03 Jan 42	189/73	b 2.18 i	(1)		Berlin	1 Mar
Hidehiko Tomizawa	JPN	01 Jun 46	185/75	2.18	(1)		Tokyo	2 May
Jaroslav Alexa	CSR	06 Jul 49	186/77	2.18	(1)		Ostrava	21 May
Kelemen				2.18	(1)		Sofia	30 May
Zacharias				2.18	(1)		Nieder-Olm	16 Aug
Wojciech Golebiowski	POL	18 Dec 46	181/73	2.18	(1)		Warszawa	3 Sep
Gavrilov				2.18	(1)	WUG	Torino	6 Sep
Jirí Palkovský	CSR	23 May 51	186/85	2.18	(1)	ECh/Jr	Colombes	13 Sep
Sapka				2.18 i	(1)		Vilnius	20 Dec
Kenneth Lundmark	SWE	25 Mar 46	201/85	2.17	()		Provo	9 May
Christer Celion	SWE	31 Jan 47	191/75	2.17	()		Provo	9 May
Mike Bowers	USA	23 Mar 45	190/81	2.175	(1)		Ypsilanti	9 Jun
Pat Matzdorf	USA	26 Dec 49	189/79	2.175	(1)		Milwaukee	13 Jun
Sergey Mospanov	URS	15 Nov 45		b 2.17 i	(1)		Moskva	26 Feb
Gavrilov				b 2.17 i	(2)		Moskva	26 Feb
Dührkop				b 2.17 i	(2)	EiCh	Wien	14 Mar
Serban Ioan	ROU	02 May 48	192/84	b 2.17 i	(3)	EiCh	Wien	14 Mar
Erminio Azzaro	ITA	12 Jan 48	192/85	2.17	(1)		Formia	7 May
Alexa				2.17	(1)		Praha	16 May
Joe David	USA	18 Jun 49	183/75	2.17	(1)		College Park	23 May
Frank Costello	USA	21 Jun 44	186/79	2.17	(2)		College Park	23 May
Kelemen				2.17	(2)		Budapest	24 May
Bolshov				2.17	(1)		Kishinyov	20 Jun
Azzaro				2.17	(1)	v POL	Siracusa	5 Jul
Hermann Magerl	FRG	13 Jan 49	190/85	2.17	(1)	v USA	Stuttgart	16 Jul
Lothar Doster	FRG	16 May 50	183/75	2.17	(1)		Autun	15 Aug
Jüri Tarmak	URS	21 Jul 46	193/75	2.17	(1)		Sochi	5 Oct

(48 performances)

Otis Burrell	USA	09 May 44	186/78	2.165	(1)		San José	18 Apr
John Rambo	USA	09 Aug 43	200/86	b 2.16 i	(2)		San Francisco	3 Jan

(30)

Gary Hauptert	USA	10 Nov 49	190/73	2.16 i	(1)		Bloomington	28 Feb
Ray McGill	USA	06 Dec 46	188/82	b 2.16 i	(1)	Big 8	Kansas City	28 Feb
John Radetich	USA	26 Nov 48	190/77	2.16	(1)		Eugene	2 May
Fernando Abugattas	PER	13 Apr 48	190/80	2.16	(1)		Albuquerque	30 May
Herbert Hüttl	GDR	20 Jul 47	187/73	2.16	(1)		Magdeburg	3 Jun
Peter Wright	AUS	13 Feb 49	188/75	2.16	(1)		Pullman	14 Jun
Henri Elliott	FRA	15 Feb 46	175/80	2.16	(1)	EP/Sf	Zürich	1 Aug
Csaba Dosa	ROU	31 Jan 51	191/77	2.16	(2)	ECh/Jr	Colombes	13 Sep
Ingomar Sieghart	FRG	10 Sep 43	188/85	2.16	(1)		Lahore	30 Oct
Jackie Causey	USA	25 Jan 50	201/82	b 2.15 i	(1)		Houston	13 Feb

(40)

Kuniyoshi Sugioka	JPN	10 Feb 42	181/70	b 2.15 i	(1)		Tokyo	8 Mar
John Dobroth	USA	19 May 41	185/77	2.15	(1)		San José	4 Apr
Rudolf Baudis	CSR	12 Apr 47	184/84	2.15	(1)		Riga	5 Jun
Vassilios Papadimitriou	GRE	21 May 48	191/80	2.15	(1)	v ITA/B	Athiná	1 Aug
Günther Spielvogel	FRG	27 Apr 44	192/85	2.15	(1)		Friedrichshafen	2 Aug
Lawrie Peckham	AUS	04 Dec 44	192/83	2.15	(1)		Siena	8 Aug
Gérard Lamy	FRA	29 May 49	185/75	2.15	(1)		Dôle	22 Aug
Jan Dahlgren	SWE	19 Feb 47	186/74	2.15	(2)		Handen	23 Aug
Scott English	USA	20 Oct 50	198/93	2.145	(1)		El Paso	21 Mar
Willie Sojourner	USA	10 Sep 48	203/102	2.145	(1)	Big Sky	Ogden	16 May
Valeriy Skvortsov	URS	31 May 45	187/82	b 2.14 i	(3)		Moskva	26 Feb

(50)

Lev Tivikovs	URS	25 Sep 46	191/80	b 2.14 i	(5)		Moskva	26 Feb
Zbynek Kuzela	CSR	13 Mar 49	185/78	2.14 i	(1)		Uherské Hradiste	7 Mar
Luis María Garriga	ESP	14 Jun 45	184/77	b 2.14 i	(5)	EiCh	Wien	14 Mar
Asko Pesonen	FIN	15 Apr 43	178/73	2.14 i	(1)		Otaniemi	5 Apr
Drágan Anđelković	YUG	29 Apr 43	188/79	2.14	(2)		San José	18 Apr
Jerry Culp	USA	08 Jan 52	190/75	2.14	(1)		San Diego	23 May
József Tihanyi	HUN	31 Oct 46	191/89	2.14	(3)		Budapest	24 May
Aaro Alarotu	FIN	09 Apr 48	190/80	2.14	(1)		Virrat	14 Jun
Wolfgang Schillkowski	FRG	03 Jul 42	178/70	2.14	(1)		Heilbronn	4 Jul
Lech Klínger	POL	05 Mar 47	186/73	2.14	(2)	v ITA	Siracusa	5 Jul

(60)

Sergey Budalov	URS	07 Aug 49	186/79	2.14	(1)	NCh	Minsk	14 Sep
Branko Vivod	YUG	15 May 44	198/90	2.14	(1)		Beograd	10 Oct
Valeriy Kozlov	URS	29 Jan 48	184/74	2.14	(1)		Nalchik	30 Oct
Mike Bernard	USA	27 Sep 51	194/88	b 2.14 i	(1)		Omaha	12 Dec
Lonnie Dalton	USA	13 Nov 48	183/84	2.13 i	(1)		West Chester	16 Jan

Lonnie Hance	USA	03 Feb 49	186/75	2.13 i	(1)		Knoxville	17 Jan	
Eric Howard	USA	49	178/72	b 2.13 i	(1)		Boston	31 Jan	
Tim Heikkila	USA	22 Jun 49	186/79	b 2.13 i	(1)		Omaha	9 Feb	
Fred Maglione	USA	20 Feb 49	188/77	b 2.13 i	(1)		Philadelphia	19 Feb	
Anatoliy Kaskov	URS	47		2.13 i	(1)		Minsk	6 Mar	
(70)									
Staffan Pettersson	SWE	14 Aug 49		2.13 i	(2)		Göteborg	7 Mar	
Clarence Johnson	USA	18 Jul 47	198/84	2.13	(1)		Berkeley	11 Apr	
Larry Hollins	USA	30 Aug 50	183/75	2.13	(1)	MSR	Walnut	24 Apr	
Emile Rossouw	RSA	30 Dec 53	193/78	2.13	(1)		Pretoria	25 Apr	
Ioannis Koussoulas	GRE	05 Jan 50	181/73	2.13	(1)		Athiná	28 Apr	
John Hartfield	USA	01 Jan 44	191/78	2.13	(3)		Compton	2 May	
Marty Hill	USA	07 Dec 49	198/86	2.13	(2)		Eugene	2 May	
Rick Wanamaker	USA	20 Mar 48	206/95	2.13	(1)	MissouValC	Des Moines	9 May	
Jim Sobieszczyk	USA	01 Jun 48	188/84	2.13	(1)	NAIA	Billings	6 Jun	
Roman Moravec	CSR	30 Dec 50	194/79	2.13	(1)	NCh/Jr	Ostrokovice	7 Jun	
(80)									
Gian Marco Schivo	ITA	06 May 49	183/74	2.13	(2)		Roma	21 Jun	
Oleg Boldyrev	URS	20 Oct 50		2.13	(1)		Lipetsk	22 Jun	
Jim Voss	USA	26 Jan 48	187/79	2.13	(2)		Pullman	9 Jul 14 Jun ?	
Rustam Akhmetov	URS	17 May 50	187/71	2.13	(1)		Zhitomir	16 Jul	
Michel Portmann	SUI	26 Aug 41	184/77	2.13	(4)	EP/Sf	Zürich	1 Aug	
Vladimir Khamzin	URS	21 Jan 45		2.13	(1)		Rostov-na-Donu	3 Aug	
Ladislav Orviský	CSR	01 Nov 46	189/77	2.12 i	(2)	NCh	Jablonec	22 Feb	
Peter Hertel	GDR	02 Jun 50	187/68	b 2.12 i	(1)		Berlin	22 Feb	
Anatoliy Kashkarov	URS			2.12 i	(1)		Minsk	6 Mar	
Fred Jackson	USA	21 Dec 47	181/75	2.12	(1)		San José	7 Mar	
(90)									
Ferenc Dóczy	HUN	05 Apr 51	187/75	2.12	(1)		Budapest	31 May	
Reijo Vähälä	FIN	07 Mar 46	188/80	2.12	(2)		Virrat	14 Jun	
Stefan Junge	GDR	01 Sep 50	195/85	2.12	(1)		Leipzig	19 Jun	
Petar Bogdanov	BUL	20 Nov 48	182/70	2.12	(1)		Sofia	26 Jun	
Tadeusz Janczenko	POL	09 Jan 46	182/81	2.12	(D)	v CSR HUN	Warszawa	27 Jun	
John Hawkins	CAN	08 Jun 49	183/81	2.12	(2)	Comm G	Edinburgh	18 Jul	
Peter Frost	FRG	19 Sep 51	188/89	2.12	(1)		Bomlitz	21 Jul	
Nikolay Avilov	URS	06 Aug 48	191/90	2.12	(D)		Leningrad	15 Aug	
Bruce Olson	USA	46	186/77	2.115 i	(1)		West Point	7 Feb	
Elridge Lansdell	RSA	16 Sep 42		2,115	(1)	NCh	Pretoria	30 Mar	
(100)									
Anatoliy Moroz	URS	06 Feb 48	184/75	2.11 i	(2)		Moskva	3 Feb	

Bernard Gauthier	FRA	04 Jul 49	181/78	2.11 i	(1)		Paris	13 Feb	
Karl-Heiz Grutzner	GDR	20 Feb 47	199/86	b 2.11 i	(2)	NiCh	Berlin	14 Feb	
Isamu Uzawa	JPN	21 Oct 44	176/68	b 2.11 i	(1)		Tokyo	22 Feb	
Jan Veselý	CSR	29 Apr 44	197/94	2.11 i	(2)		Olomouc	6 Mar	
Rune Almén	SWE	20 Oct 52	188/83	2.11 i	(1)		Göteborg	8 Mar	
Joachim Kirst	GDR	21 May 47	190/86	2.11	(D)		Schielleiten	6 Jun	
Miograd Todosijevic	YUG	14 Sep 41	191/83	2.11	(1)		Ljubljana	14 Jun	
Vyacheslav Gokh	URS	14 Jul 52		2.11	(1)		Zhitomir	7 Jul	
Nikolay Korishkin	URS	21 Oct 44		2.11	(1)		Perm	4 Aug	
(110)									
Mikhail Bariban	URS	25 Feb 49	180/72	2.11	(2)		Kyiv	16 Aug	
Robert Sainte-Rose	FRA	05 Jul 43	189/78	2.11	(2=)	v FRG	Vittel	29 Aug	
Sergey Martinov	URS	18 Apr 45	185/75	2.11	(2)	NCh	Minsk	14 Sep	
Mihai Negomireanu	ROU	21 Feb 51	186/75	2.11	(1)		Regis Breitingen	26 Sep	
Enzo Dal Forno	ITA	24 Jan 50	188/78	2.11	(1)		Formia	24 Oct	
Rafael Ambaryan	URS	11 Jun 41		2.11	(1)		Yerevan	26 Oct	

(116 performers)

Extra trial

Endre Kelemen	HUN	05 Nov 47	190/81	2.21	(1)		Sotkamo	5 Jul
Aaro Alarotu	FIN	09 Apr 48	190/80	2.15	(-)		Mikkeli	26 Jul

Insufficient information as to status of meet

Ni Chih-Chin	CHN	14 Apr 42	184/71	2.26	(1)		Beijing	30 Jun
Ni Chih-Chin				2.25	()			Oct
Ni Chih-Chin				2.24	()			Oct

Unconfirmed mark

Cheikh Tidiane Faye	GAM	19 Feb 48	195/84	2.16	(1)		Bathurst	12 Jun
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OTHER EUROPEAN PERFORMANCES

Lundmark				2.165 i	(2)		Toronto	5 Feb
Lundmark				2.16 i	(1)		Inglewood	13 Feb
Lundmark				2.16	(1)	Tex R	Austin	4 Apr
Zacharias				2.16	(1)		Seesen	18 Apr

Bolshov	2.16	(1)		Kishinyov	26 Apr
Azzaro	2.16	(1)	Nott	Milano	1 Jul
Kelemen	2.16	(1)		Sotkamo	5 Jul
Lundmark	2.16	(1)		Edmonton	15 Sep

HIGH JUMP BEST OUTDOOR MARKS

Gavrilov	2.20	(1)	Znam	Kyiv	3 Jul
McGill	2.16	(2)	Tex R	Austin	4 Apr
Ioan	2.15	(1)		Bucuresti	9 May
Kuzela	2.14	(1)		Pardubice	28 Jun
Dührkop	2.14	(3)		Malmö	19 Aug
Hauptert	2.13	(1)		Lexington	4 Apr
Bernard	2.13	(1)		Champaign	2 May
Causey	2.13	(1)		Lafayette	9 May
Garriga	2.13	(2)	v ITA	Madrid	30 May
Mospanov	2.12	(2)		Sofia	30 May
Sugioka	2.12	(1)		Mainz	19 Jul
Pesonen	2.12	(1)		Kokkola	26 Aug
Orvisky	2.11	(1)		Karviná	9 May
Jance	2.11	(1)		Knoxville	18 Apr
Pettersson	2.11	(1)		Stockholm	10 May
Olson	2.11	(1)		West Point	16 May
Veselý	2.11	(1)		Århus	17 May
Heikkila	2.11	(1)		Bloomington	5 Jun
Almén	2.11	(1)	NCh/Jr	Sullentuna	18 Jul
Hertel	2.11	(1)		Karl-Marx-Stadt	19 Jul
Tivikovs	2.11	(4)	NCh	Minsk	14 Sep

POLE VAULT (i = indoor mark made from non-board take-off - b = board take-off)

Christos Papanicolaou	GRE	25 Nov 41	182/75	5.49	(1)		Athiná	24 Oct
Wolfgang Nordwig	GDR	27 Aug 43	184/72	5.46	(1)	WUG	Torino	3 Sep
Nordwig				5.45	(1)		Berlin	17 Jun
Papanicolau				5.42	(2)	WUG	Torino	3 Sep
Nordwig				5.40	(1)	NCh	Erfurt	5 Jul
François Tracanelli	FRA	04 Feb 51	187/75	5.40	(1)		Colombes	25 Jun
Papanicolau				5.40	(1)	Balkan G	Bucuresti	16 Aug
Nordwig				5.40	(1)		Jena	19 Sep

Kjell Isaksson	SWE	28 Feb 48	174/71	5.37	(1)	v CAN	NOR	Victoria	20 Sep
Jan Johnson	USA	11 Oct 50	178/72	5.36 i	(1)	NCAA		Des Moines	20 Jun
Renato Dionisi	ITA	21 Nov 47	183/72	5.35	(1)	NCh		Roma	15 Jul
Nordwig				5.35	(1)	EP/Sf		Helsinki	2 Aug
Nordwig				5.35	(1)	EP		Stockholm	30 Aug
Papanicolaou				5.35	(1)			Athiná	19 Oct
Isaksson				5.34 i	(1)			Göteborg	8 Mar
John Pennel	USA	25 Jul 40	178/75	5.33	(1)	Cal R		Modesto	23 May
Isaksson				5.32	(1)			Malmö	19 Aug
Papanicolaou				5.32	(1)			Athiná	5 Oct
Altti Alarotu	FIN	09 Apr 48	186/72	5.31	(1)	Nurmi		Turku	1 Jul
Tracanelli				b 5.30 i	(1)	EiCh		Wien	15 Mar
Nordwig				5.30	(1)			Magdeburg	3 Jun
Nordwig				5.30	(1)	Kusoc		Warszawa	19 Jun
Nordwig				5.30	(1)	WG		Helsinki	30 Jun
Papanicolaou				5.30	(1)			Athiná	6 Aug
Dick Railsback	USA	19 Mar 46	186/78	5.30	(1)			Norköping	17 Aug
Tracanelli				5.30	(3)	WUG		Torino	3 Sep
Dionisi				5.30	(1)	v HUN	ROM	Bucuresti	19 Sep
Dionisi				5.30	(1)			Reggio Emilia	4 Oct
Dionisi				5.30	(1)			Riva del Garda	18 Oct
Isaksson				5.28 i	(1)			Otaniemi	1 Mar
Nordwig				b 5.27 i	(1)	v GBR		Cosford	21 Feb
Isaksson				5.27	(1)	v NOR		Skövde	27 Jun
Isaksson				5.26	(1)			Los Angeles	30 Sep
Yuriy Khanafin	URS	05 Jun 46	182/72	5.25 i	(1)			Moskva	13 Feb
Isaksson				b 5.25 i	(2)	EiCh		Wien	15 Mar
Nordwig				5.25	(1)			Halle	15 May
Tracanelli				5.25	(2)			Berlin	17 Jun
Risto Ivanoff	FIN	05 Jul 45	183/75	5.25	(2)	WG		Helsinki	30 Jun
Sam Caruthers	USA	10 Mar 48	183/75	5.25	(1)	v FRA		Colombes	8 Jul
Papanicolaou				5.25	(1)			Athiná	27 Jul
Isaksson				5.25	(2)	EP/Sf		Helsinki	2 Aug
Papanicolaou				5.25	(1)	v ITA	B	Athiná	2 Aug

(42 performances)

Bob Seagren	USA	17 Oct 46	184/80	5.23	(1)	AAU		Bakersfield	27 Jun
Paul Heglar	USA	17 May 48	186/77	5.23	(2)	AAU		Bakersfield	27 Jun
Heinfried Engel	FRG	08 Jul 47	186/74	5.21	(1)			Mainz	19 Jul

Hans-Jürgen Ziegler	FRG	12 May 51	188/74	5.20	(1)		Waiblingen	7 Jun	
Volker Ohl	FRG	27 Apr 50	175/70	5.20	(1)		Köln	11 Aug	
John-Eric Blomqvist	SWE	17 May 45	185/71	5.20	(2)	v FIN	Helsinki	6 Sep	
Gennadiy Bliznetsov	URS	06 Jan 41	190/90	5.20	(1)	NCh	Minsk	12 Sep	
Mike Wedman	USA	29 Aug 50	196/91	5.18 i	(1)		Air Force Academy	30 Jan	
(20)									
Aleksandr Maljutin	URS	13 Jul 38	185/76	5.17	(1)		Moskva	1 Aug	
Yuriy Volkov	URS	10 Feb 40	183/75	5.16 i	(1)		Donetsk	3 Mar	
Kyochoiro Inoue	JPN	07 Apr 45	181/74	5.16	(1)		Schiffingen	2 Aug	
Rickey Parris	USA	06 Jan 50	178/70	5.15	(1)		Alpine	2 May	
Robert Anders	FRG	03 Feb 43	183/75	5.15	(1)		Waiblingen	26 Aug	
Wojciech Buciarski	POL	17 Apr 50	181/76	5.15	(1)		Warszawa	3 Sep	
Jeff Sakala	USA	19 Feb 50	185/75	5.13	(1)		Walnut	12 Jun	
Bruce Simpson	CAN	06 Mar 50	176/72	5.12	(1)		West Los Angeles	25 Apr	
Zygmunt Dobrosz	POL	24 Aug 47	179/76	5.12	(1)		Wroclaw	6 Jun	
Manfred Frühauf	GDR	15 Jun 50	185/77	5.12	(1)		Halle	12 Sep	
(30)									
Hans Lagerqvist	SWE	28 Apr 40	182/73	5.12	(2)		Los Angeles	30 Sep	
Bud Williamson	USA	10 Mar 47	185/75	b 5.10 i	(2)		New York	20 Feb	
Joachim Bär	GDR	07 Sep 41	180/75	b 5.10 i	(1)		Berlin	8 Mar	
Ignacio Sola	ESP	01 Feb 44	178/75	5.10	(3)		Madrid	27 May	
Nikolay Keidan	URS	03 Jan 43	182/78	5.10	(1)		Potsdam	14 Jun	
Mike Bull	GBR	11 Sep 46	184/80	5.10	(1)	Comm G	Edinburgh	23 Jul	
Reinhard Kuretzky	FRG	01 Dec 47	184/76	5.10	(1)		Aachen	26 Jul	
Unto Sjö	FIN	31 Mar 48	171/58	5.10	(1)		Somero	26 Jul	
Yuriy Isakov	URS	30 Dec 49	185/78	5.10	(2)	NCh	Minsk	12 Sep	
Dinu Pistalu	ROU	29 Sep 45	172/67	5.10	(2)	v HUN ITA	Bucuresti	19 Sep	
(40)									
Bob Raftis	CAN	01 May 46	183/76	b 5.08 i	(3)	AAU	New York	27 Feb	
David Oliver	USA	49	187/76	5.08	(1)	Pel R	Baton Rouge	18 Apr	
Dickie Phillips	USA	48	183/75	5.08	(1)		Pasadena	2 May	
Vic Dias	USA	11 Oct 47	188/79	5.08	(4)	AAU	Bakersfield	27 Jun	
Kiyoshi Niwa	JPN	07 May 47	176/67	b 5.07 i	(1)		Tokyo	15 Feb	
Robert Sprung	USA	12 Nov 48	178/68	b 5.06 i	(2)		Philadelphia	24 Jan	
Guy Drut	FRA	06 Dec 50	189/75	5.05	(2=)		Abidjan	4 Apr	
Erkki Mustakari	FIN	13 Mar 46	187/73	5.05	(1)		San Luis Obispo	18 Apr	
Auvo Pehkoranta	FIN	17 Nov 41	177/73	5.05	(3)	v FRA	Oulu	28 Jun	
Michel Ollivary	FRA	12 Mar 45	179/76	5.05	(1)	NCh	Colombes	19 Jul	
(50)									
Hervé D'Encausse	FRA	27 Sep 43	180/74	5.05	(3)	NCh	Colombes	19 Jul	

Barney Hess	USA	06 Sep 50	178/71	5.04	(1)		Jonesboro	29 Apr	
Dennis Phillips	USA	25 Jul 46	183/77	5.04	(1)		Corvallis	23 May	
Alan Kane	CAN	19 Mar 48	186/77	5.04	(1)		Vancouver	9 Aug	
Mike Hanna	USA	10 Oct 45	180/70	b 5.03 i	(1)	Mason	Louisville	14 Feb	
Bill Barrett	USA	07 Apr 45	179/74	b 5.03 i	(2)	Mason	Louisville	14 Feb	
Bob Pullard	USA	21 Mar 51	186/77	b 5.03 i	(3)		Houston	14 Feb	
Steve Owens	USA	03 Mar 47	178/74	b 5.03 i	(2)		Cleveland	20 Mar	
Bob Steinhoff	USA	21 Jul 47	188/75	5.03	(1)	MSR	Walnut	25 Apr	
Allen Paz	USA	14 Apr 50	178/68	5.03	(1)		Eugene	2 May	
(60)									
Jon Vaughn	USA	17 Oct 48	183/79	5.03	(1)		West Los Angeles	2 May	
Scott Cryder	USA	26 May 49	183/77	5.03	(2)		Portland	13 Jun	
Steve Hardison	USA	15 Jul 50	174/68	5.03	(1)		Fresno	17 Jun	
Edward Kozakiewicz	POL	27 May 48	177/86	5.03	(1)		Gdynia	25 Oct	
Tim St.Lawrence	USA	49	170/61	5.02	(1)		Tuscaloosa	9 May	
Bogdan Markowski	POL	14 Apr 46	181/69	5.02	(1)		Krywald	6 Jun	
Rick Olander	USA	09 May 48	190/77	5.01	(1)		San Diego	14 Feb	
Christian Prygiel	GDR	18 Oct 45	184/75	b 5.00 i	(3)		Berlin	15 Feb	
Igor Feld	URS	21 Feb 41	182/76	b 5.00 i	(1)		Moskva	26 Feb	
Kazuo Hiroomatsu	JPN	49		b 5.00 i	(3)		Tokyo	14 Mar	
(70)									
Serge Lefèbvre	FRA	22 Jun 52	170/63	5.00	(1)		Colombes	21 May	
Vladimir Kishkun	URS	05 Nov 51	187/77	5.00	(1)		Sochi	24 May	
Bernd Heller	FRG	08 May 47	185/78	5.00	(4)	NCh	Berlin	8 Aug	
Vasiliy Kosharniy	URS	11 Mar 44		5.00	(3)	NCh	Minsk	12 Sep	
Ülo Iter	URS	06 Dec 42		5.00	(1)		Tallinn	26 Sep	
Dieter Burk	GDR	20 Jan 46		5.00	(1)		Leipzig	29 Sep	
Burckhard Kenk	GDR	29 Jan 47		5.00	(1)		Sochi	12 Oct	
Tadeusz Olszewski	POL	11 Sep 46	185/72	5.00	(2)		Warszawa	10 Oct	
Antti Kalliomäki	FIN	08 Jan 47	184/78	5.00	()		Otaniemi	11 Dec	
Tom Blair	USA	02 Jan 51	181/72	b 4.98 i	(1)		New York	7 Mar	
(80)									
Jack Carter	USA	02 Jun 44	188/84	4.98	(1)		South Lake Tahoe	16 May	
Greg Miguel	USA	18 Feb 47	173/67	4.97	(2)		Sacramento	13 Jun	
Józef Polewka	POL	23 Mar 49	183/	4.95	(1)		Gliwice	20 Sep	
Curt Hisaw	USA	46	181/70	4.94	(1)	NAIA	Billings	6 Jun	
Leszek Butscher	POL	08 Jun 44	183/78	4.94	(1)		Warszawa	5 Sep	
Endre Gagyi	HUN	23 Jan 43	180/69	4.94	(1)		Budapest	25 Sep	
Pawel Iwinski	POL	28 Jun 49	175/70	4.93	(1)		Gdynia	24 May	
Frank Kornatz	FRG	16 Dec 46	185/76	4.93	(1)		Lübeck	26 Jul	

Aavo Luigela	URS	15 May 44		4.93	(3)		Tallinn	26 Sep
Aleksandr Fyodorov	URS	24 Jul 50	184/75	4.93	(1)		Odessa	20 Oct
(90)								
Phil Cordina	USA			4.91 i	(1)		Des Moines	7 Mar
Gene Riley	USA	08 Nov 47	183/77	4.91	(1)		Norman	11 Apr
Jeff Bennett	USA	29 Aug 48	173/69	4.91	(1)		Winfield	25 Apr
Larry Curts	USA	21 Jan 47	193/78	4.91	(2)		Pasadena	2 May
Ulrich Steinacker	FRG	19 Oct 47	181/79	4.91	(1)		Leverkusen	18 Jun
Petre Astafei	ROU	01 Jan 42	176/62	4.90 i	(1)		Bucuresti	28 Feb
Axel Berger	GDR	06 Jul 50	179/80	b 4.90 i	(3)		Berlin	1 Mar
Yuriy Koblyakov	URS	20 Dec 49		b 4.90 i	(1)		Donetsk	7 Mar
Bernhard Thomas	GDR	06 Feb 47		b 4.90 i	(2)		Berlin	8 Mar
Ray Boyd	AUS	28 Jun 51	181/70	4.90	(1)	NCh	Adelaide	22 Mar
(100)								
David Roberts	USA	23 Jul 51	188/80	4.90	(2)		Houston	11 Apr
Gianfranco Mariani	ITA	04 Jun 44	173/68	4.90	(1)		Milano	19 Apr
Aldo Righi	ITA	29 Jul 47	172/65	4.90	(2)		Milano	19 Apr
Nichifor Ligor	ROU	06 Aug 48	182/77	4.90	(1)		Bucuresti	10 May
Rick Moon	USA	12 Aug 50		4.90	(1)		Brookings	21 May
Willi Schunk	FRG	29 Jul 49	184/74	4.90	(1)		Leverkusen	24 May
Masanori Araya	JPN	21 Sep 49	178/72	4.90	(2)	NCh	Tokyo	31 May
Jean-Pierre Colusso	FRA	16 Apr 44	187/75	4.90	(2)		Saint-Maur	3 Jun
Jörg Böttcher	GDR	31 Jul 52	185/76	4.90	(1)		Madgdeburg	14 Jun
Paul Gaydos	USA	02 Mar 46	183/73	4.90	(1)	CISM	Viareggio	14 Jun
(110)								
Roland Carter	USA	16 Jul 46	178/74	4.90	(2)	CISM	Viareggio	14 Jun
Manfred Beckers	FRG	06 Oct 41	180/80	4.90	(5)		Mainz	19 Jul
Denis Leboul	FRA	07 Apr 47	175/72	4.90	(2)		Colombes	25 Jul
Yuriy Koblyakov	URS	20 Dec 49		4.90 i	(2)		Donetsk	7 Mar
Nikolay Kapustin	URS	05 May 43		4.90	(2)		Donetsk	1 Aug
Theodoros Tongas	GRE	14 May 51	178/76	4.90	(2)		Athiná	6 Aug
Ingemar Jernberg	SWE	28 Nov 50	177/70	4.90	(1)	Bisl	Oslo	6 Aug
Aleksey Zorin	URS	28 Apr 45		4.90	(1)		Kyiv	14 Aug
Dimitar Khlebarov	BUL	03 Sep 34	175/65	4.90	(2)	Balkan G	Bucuresti	16 Aug
Gennadiy Melikyan	URS	27 Nov 47		4.90	(4)	NCh	Minsk	12 Sep
Yevgeniy Tananyka	URS	15 Jan 51	187/78	4.90	(1)		Dnepropetrovsk	13 Oct

(121 performers)

Unconfirmed

Yuriy Volkov	URS	10 Feb 40	183/75	5.16	i	(1)		Donetsk	3 Mar
Ray Boyd	AUS	28 Jun 51	181/70	4.95		()			
Masanori Araya	JPN	21 Sep 49	178/72	4.90		()		Tokyo	31 May

Extra trial

Wolfgang Nordwig	GDR	27 Aug 43	184/72	5.40		(-)		Jena	19 Sep
Kjell Isaksson	SWE	28 Feb 48	174/71	5.30		(-)		Halmstad	9 Aug
Vic Dias	USA	11 Oct 47	188/79	5.14		(-)		Alta Loma	Oct

POLE VAULT BEST OUTDOOR MARKS

Khanafin				5.20		(1)		Sverdlovsk	12 Jul
Johnson				5.04		(1)		Lawrence	16 Mat
Wedman				5.03		(1)		Austin	4 Apr
Pullard				5.03		(2)		Eagle Rock	11 Apr
Raftis				5.03		(2)	USTFF	Wichita	13 Jun
Niwa				5.00		(1)		Hiroshima	26 Apr
Prygiel				5.00		(4)		Berlin	17 Jun
Volkov				5.00		()		Donetsk	20 Jun
Niwa				5.00		(1)		Hiroshima	26 Apr
Feld				5.00		(3)	Znam	Kyiv	2 Jul
Hanna				4.98		(1)		Ypsilanti	23 May
Barrett				4.98		(1)		Ann Arbor	23 Jun
Blair				4.90		(1)		Philadelphia	23 May
Berger				4.90		(3)		Rostock	19 Jul
Koblyakov				4.90		(2)		Donetsk	2 Aug
Astafei				4.90		(2)	NCh	Bucuresti	30 Aug

LONG JUMP (-) best legal mark in wind-assisted competition - b = board take-off

Josef Schwarz	FRG	20 May 41	182/70	8.35	0.8	(1)	v USA	Stuttgart	15 Jul
Jacques Pani	FRA	21 May 46	175/70	8.16	0.8	(1)	Mér	Lyon	21 Jun
(7.74 - 7.78 - 7.44 - 8.16 - 8.10 - 8.01)									
Schwarz				8.16	1.4	(1)		Kassel	4 Jul
Pani				8.12	1.9	(1)		Colombes	14 Jun
(8.03 - 8.12 - 8.06 - f - ? - ?)									
Klaus Beer	GDR	14 Nov 42	176/71	8.10		(1)	NCh	Erfurt	4 Jul

Christian Turret	FRA	20 Sep 46	180/70	8.09	1.4	(2)		Colombes	14 Jun
(8.09 - f - f - 7.81 - 8.04 - f)									
Pani				8.09	2.0	(1)	EP	Stockholm	29 Aug
(f - 8.09 - 8.06 - 7.90 - f - 8.06)									
Beer				8.08		(2)	Mericamp	Lyon	21 Jun
Pani				8.08	1.4	(-)	EP/Sf	Zürich	1 Aug
Beer				8.07	2.0	(2)	EP	Stockholm	29 Aug
Henry Jackson	USA	29 Dec 48	188/81	8.06		(-)		Murfreesboro	15 May
Tõnu Lepik	URS	01 May 46	193/85	b 8.05 i		(1)	EiCh	Wien	15 Mar
Pani				8.05	1.6	(1)	v USA	Colombes	8 Jul
Norm Tate	USA	02 Jan 42	185/80	b 8.04 i		(1)	AAU	New York	27 Feb
Beer				b 8.04 i		(1)		Berlin	15 Feb
Phil May	AUS	20 Sep 45	196/82	8.04		(1)		Perth	5 Dec
Tate				b 8.02 i		(1)		New York	20 Feb
Hiromi Yamada	JPN	04 Mar 42	181/72	8.01	1.1	(1)		Odawara	7 Jun
Pani				8.01		(1)		Vittel	20 Aug
Schwarz				8.00	0.3	(1)	NCh	Berlin	8 Aug
Beer				b 7.99 i		(2)	EiCh	Wien	15 Mar
Henry Hines	USA	12 Feb 49	183/72	7.99		(1)	Cal R	Modesto	23 May
Schwarz				7.99	1.0	(3)	EP	Stockholm	29 Aug
Yamada				7.97		(1)	Kusoc	Warszawa	19 Jun
Hans Baumgartner	FRG	30 May 49	190/74	7.97	-0.6	(1)		Bonn	30 Aug
Beer				b 7.96 i		(1)		Berlin	8 Feb
Stanislaw Szudrowicz	POL	04 Feb 47	180/74	7.96		(1)		Poznan	24 May
Grzegorz Cybulski	POL	23 Nov 51	178/69	7.96		(2)		Poznan	24 May
Schwarz				7.96	1.7	(2)		Stuttgart	6 Jun
Bouncy Moore	USA	04 Jun 51	188/81	7.96		(1)	v URS	Leningrad	24 Jul
Tate				7.95	1.8	(1)	MSR	Walnut	25 Apr
Igor Ter-Ovanesyan	URS	19 May 38	186/78	7.95		(1)		Riga	5 Jun
Beer				b 7.94 i		(1)		Berlin	1 Mar
Ron Coleman	USA	11 Nov 44	183/82	7.94		(2)	Cal R	Modesto	23 May
Ter-Ovanesyan				7.94		(1)e1	Znam	Kyiv	3 Jul
May				7.94	0.0	(2)	Comm G	Edinburgh	22 Jul
Hines				b 7.93 i		(2)	AAU	New York	27 Feb
Yamada				7.93		(1)		Hiroshima	26 Apr
Ter-Ovanesyan				7.93	1.4	(2)	EP/Sf	Zürich	1 Aug

(39 performances)

Rafael Blanquer	ESP	14 Oct 45	178/69	b 7.92 i		(3)	EiCh	Wien	15 Mar
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Mel Gray	USA	28 Sep 48	175/79	7.92	(2)	Big 8	Lawrence	15 May	
Hermann Latzel	FRG	10 Jan 42	182/76	b 7.91 i	(4)	EiCh	Wien	15 Mar	
Bob Beamon	USA	29 Aug 46	191/70	7.91	(1)		Athiná	13 Jun	
(20)									
Alan Lerwill	GBR	15 Nov 46	188/81	7.91	(1)	WUG	Torino	4 Sep	
Siegfried Schenke	GDR	06 May 43	180/68	b 7.90 i	(2)		Berlin	1 Mar	
Marek Ziembicki	POL	06 Dec 49	179/68	7.89	(1)		Warszawa	30 May	
Leonid Barkovskiy	URS	13 Dec 40	175/75	7.89	(1)		Kharkov	9 Aug	
Arnie Robinson	USA	07 Apr 48	188/74	7.88	(1)	NCAA	Des Moines	19 Jun	
Lynn Davies	GBR	20 May 42	185/77	7.88	0.2 (-)	Comm G	Edinburgh	22 Jul	
Marion Anderson	USA	23 Apr 48	180/68	7.87	(1)		San José	4 Apr	
Gayle Hopkins	USA	07 Nov 41	187/74	7.87	(1)		San José	2 May	
Tom Smith	USA	01 Jun 48	188/77	7.87	(Q)	NCAA	Des Moines	18 Jun	
Stanislaw Cabaj	POL	28 Aug 46	178/73	7.87	(-)	Kusoc	Warszawa	19 Jun	
(30)									
Terje Haugland	NOR	11 Apr 44	187/67	7.87	(1)	v BUL	Oslo	23 Jul	
Charley Mays	USA	03 Feb 41	175/70	7.86	(1)		Randall Island NY	13 Jun	
Henrik Kalocsai	HUN	28 Nov 40	191/84	7.86	(1)	WG	Helsinki	1 Jul	
Vladimir Skibenko	URS	25 Jun 47	182/72	7.86	(1)	NCh	Minsk	13 Sep	
German Klimov	URS	09 May 41	186/77	7.86	(2)	NCh	Minsk	13 Sep	
David Langley	RSA	27 Jul 43		A 7.85	(1)		Pretoria	3 Oct	
Jerry Proctor	USA	04 May 49	177/66	7.84	(-)	AAU	Bakersfield	26 Jun	
Hans Schicker	FRG	03 Oct 47	184/78	7.84	(3)		Kassel	4 Jul	
Shinpei Ohsawa	JPN	11 Sep 50	174/70	7.84	(1)		Kawasaki	12 Jul	
Waldemar Stepien	POL	10 Jun 46	179/69	7.83	(2)	WG	Helsinki	1 Jul	
(40)									
Vasile Sarucan	ROU	23 Aug 45	177/65	7.82	(2)		Athiná	13 Jun	
Helmut Klöck	FRG	16 Feb 51	180/68	7.82	(4)		Kassel	4 Jul	
Antti Murtolahti	FIN	02 Apr 41	177/70	7.82	(1)		Isojoki	2 Aug	
André Vix	FRA	05 Mar 46	190/88	7.82	(1)	v FRG	Vittel	29 Aug	
Vladimir Satsevich	URS	01 May 46		7.82	(4)	NCh	Minsk	13 Sep	
Phil Shinnick	USA	21 Apr 43	190/82	7.80	(1)		West Los Angeles	14 Mar	
John Johnson	USA	22 Dec 47	173/73	7.80	1.0 (1)		West Los Angeles	25 Apr	
James McAlister	USA	05 Sep 51	186/93	7.80	(1)		Ontario	16 May	
Andrzej Stalmach	POL	01 May 42	185/73	7.80	(-)	Kusoc	Warszawa	19 Jun	
Bo Rune	SWE	09 Apr 44		7.79	(2)	NCh	Växjö	16 Aug	
(50)									
Bill Toomey	USA	10 Jan 39	187/88	7.78	(2)		West Los Angeles	14 Mar	
Ira Russell	USA	20 Jul 48	180/76	7.78	(1)		Ann Arbor	9 May	
Jean-François Bonhème	FRA	12 Jul 49	176/65	7.78	(Q)	WUG	Torino	3 Sep	

Bruce Field	AUS	22 Jan 47	177/72	7.77		(1)		Melbourne	17 Mar
Mike Hill	USA	11 Dec 50	183/84	7.77		(1)		Walnut	10 Apr
Stan Whitley	USA	17 Dec 45	178/75	7.77		(1)	Penn R	Philadelphia	25 Apr
Joe Silva	USA	22 Apr 46	178/70	7.77		(1)		Charleston	23 May
Preston Carrington	USA	12 Jun 49	183/70	7.77		(2)	USTFF	Wichita	13 Jun
Miljenko Rak	YUG	20 Sep 47	179/66	7.77		(Q)	WUG	Torino	3 Sep
Anatoliy Neplyukhin	URS	11 Apr 47		7.77		(1)		Sochi	3 Oct
(60)									
Lujack Lawrence	USA	25 Feb 49	185/75	A 7.76		(2)	NAIA	Billings	5 Jun
Andrzej Walkowski	POL	05 Feb 46	179/74	7.76		(1)		Bruxelles	28 Jun
Edvard Brossmann	URS	01 May 48		7.76		(4)	Znam	Kyiv	2 Jul
Geoffrey Hignett	GBR	05 Oct 50	188/80	7.76		(3)	WUG	Torino	4 Sep
Kurt Bendlin	FRG	22 May 43	183/85	7.76		(1)		Athiná	24 Oct
Ivory Harris	USA	25 Apr 51	188/75	A 7.75		(1)		El Paso	28 Mar
Dirk Boltman	RSA	12 Mar 45		A 7.75		(1)		Pretoria	25 Apr
Viktor Saneyev	URS	03 Oct 45	188/79	7.75		(1)		Minsk	10 Jul
Andreas Gloerfeld	FRG	10 Aug 48	180/70	7.74		(-)		Stuttgart	6 Jun
Dave Norris	NZL	14 Dec 39	183/75	7.74		(1)		Grangemouth	12 Jul
(70)									
Michael Ahey	GHA	22 Nov 38	196/72	7.74	1.6	(-)	Comm G	Edinburgh	22 Jul
Axel Auerswald	GDR	19 Oct 46	179/76	7.74		(1)		Berlin	6 Sep
Chuck Sundsten	USA	49	183/77	7.73		(3)		San José	2 May
Tadeusz Jankowski	POL	17 Oct 46	182/81	7.73		(1)		Warszawa	10 May
Jaroslav Broz	CSR	08 Nov 50	182/73	7.73		(1)		Praha	15 Aug
Jacques Rousseau	FRA	10 Mar 51	186/76	7.73		(1)		Autun	15 Aug
Mihai Zaharia	ROU	28 Nov 43	172/69	7.73		(2)	v HUN ITA	Bucuresti	19 Sep
Jan Kobuszewski	POL	06 May 47	184/75	7.73		(1)		Sopot	3 Oct
Greg Johnson	USA	08 Jul 50	187/85	7.72 i		(1)	Big 10	East Lansing	6 Mar
George Ogan	NGR	20 Jul 38	173/63	7.72		(1)	v GHA	Ibadan	25 Apr
(80)									
Heinz-Günter Schenk	GDR	16 Jan 42	181/76	7.72		(1)		Berlin	31 May
Vyacheslav Lysenko	URS	04 Oct 50		7.72		(1)		Kishinyov	20 Jun
Valeriy Podluzhniy	URS	22 Aug 52	175/68	7.72		(1)		Orel	18 Jul
Kari Palmen	FIN	10 Mar 46	188/83	7.72		(1)		Kausala	7 Aug
Aleksey Khlopotnov	URS	11 May 46	179/78	7.72		(2)		Kharkov	9 Aug
Viktor Zubkov	URS	31 Aug 49		7.72		(1)		Nalchik	29 Oct
Nikolay Dudkin	URS	05 Jun 47	178/78	7.72		(1)		Tbilisi	30 Oct
Hal Oswald	USA	49	183/68	7.71		(-)	Big 8	Lawrence	15 May
Gérard Ugolini	FRA	09 Feb 49	188/75	7.71		(1)	v GBR	Cwmbran	1 Aug
Nenad Stekic	YUG	07 Mar 51	180/70	7.71		(2)		Beograd	26 Sep

(90)

Anatoliy Ilyin	URS	16 Mar	51		7.70	(1)		Yalta	26 Oct
Abelardo Pacheco	CUB	25 Jul	39	172/67	7.69	(1)	CAC G	Ciudad de Panamá	6 Mar
Phil Reaves	USA	09 Sep	46	183/82	7.69	(4)	Cal R	Modesto	23 May
Jesper Tørring	DEN	27 Sep	47	186/72	7.69	(1)		Århus	14 Jun
Heikki Mattila	FIN	21 Jan	45	175/69	7.69	(1)		Viiala	14 Jun
Anatoliy Dyakov	URS	18 Nov	51		7.69	(1)		Kyiv	14 Aug
Vladimir Komlev	URS	07 Oct	47		7.68 i	(1)		Donetsk	4 Feb
Lars-Olof Höök	SWE	01 Mar	45	185/79	7.68 i	(1)		Göteborg	7 Mar
Troy Lyons	USA		49	180/73	7.68	(1)		Whittier	13 Mar
Walenty Wasik	POL	13 Apr	44		7.68	(2)		Warszawa	22 Jun

(100)

Pierre Ducanois	FRA	03 Jan	52	173/65	7.68	(1)		Colombes	5 Jul
Jan Broda	CSR	20 Apr	40	178/71	7.68	(2)		Praha	15 Aug
Freddy Herbrand	BEL	01 Jun	44	190/88	7.68	(1)	v Benelux	London	31 Aug
Bill Lightsey	USA	17 Jul	48	185/75	b 7.67 i	(1)	NCAA	Detroit	13 Mar
Jerry Denton	USA	12 Jun	50	183/70	7.67	(1)		Dallas	26 Mar
Ralph Boston	USA	09 May	39	187/74	7.67	(1)	Dog R	Knoxville	18 Apr
Zdzislaw Kokot	POL	22 Jan	47	173/68	7.67	(3)		Warszawa	17 May
Shinji Ogura	JPN	28 Aug	44	176/70	7.67	(-)	NCh	Tokyo	30 May
Horst Zech	FRG	22 Sep	50	182/73	7.67	(-)		Stuttgart	6 Jun
Jörg Drehmel	GDR	03 May	45	187/83	7.67	(2)	v GBR	London	11 Jul

(110 performers)

Printing error

Ira Russell	USA	20 Jul	48	180/76	7.86	()			Jun
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OTHER EUROPEAN PERFORMANCES

Ter-Ovanesyan					7.92	(2)	v USA	Leningrad	24 Jul
Ter-Ovanesyan					7.91	(1)		Riga	5 Jun
Pani					7.90	(1)	v ESP	Colombes	27 Jun
Ter-Ovanesyan					7.89 i	(5)		Wien	15 Mar
Beer					7.87	(1)		Sofia	30 May
Latzel					7.87	(2)		Kassel	4 Jul
Barkovskiy					7.87	(3)	v USA	Leningrad	24 Jul

LONG JUMP BEST OUTDOOR MARKS

Hermann Latzel				7.91		(2)	v USA	Stuttgart	15 Jul
Tõnu Lepik				7.86		(1)		Tampere	7 Jun
Rafael Blanquer				7.76		(-)	v FRA	Colombes	27 Jun
Siegfried Schenke				7.72		(1)		Berlin	31 May

WIND ASSISTED

Jacques Pani	FRA	21 May 46	175/70	A 8.20		6.0	(1)		Font-Romeu	9 Aug
<i>(8.05w - 8.06w - 7.99w - f - 8.20w - p)</i>										
Pani				8.19		3.0	(1)	EP/Sf	Zürich	1 Aug
<i>(8.08 - f - 8.19 w - f - 7.85 - 7.92)</i>										
Phil May	AUS	20 Sep 45	196/82	8.15			(1)		Perth	25 Nov
May				8.13		4.3	(1)		Perth	7 Feb
Henry Jackson	USA	29 Dec 48	188/81	8.10			(1)		Murfreesboro	15 May
May				8.07			(1)		Perth	11 Nov
Lynn Davies	GBR	20 May 42	185/77	8.06		3.6	(1)	Comm G	Edinburgh	22 Jul
May				8.03		2.4	(Q)	Comm G	Edinburgh	21 Jul
Larry Reed	USA	28 Oct 48	178/68	A 8.02			(1)		El Paso	11 Apr
Bill Elliott	USA	21 Nov 46	186/77	A 8.00			(2)		El Paso	11 Apr
Hans Schicker	FRG	03 Oct 47	184/78	8.00			(1)		Stuttgart	6 Jun
John Johnson	USA	22 Dec 47	173/73	7.99		2.3	(1)		West Los Angeles	11 Apr
Bouncy Moore	USA	04 Jun 51	188/81	7.99			(1)	AAU	Bakersfield	26 Jun
Phil Reaves	USA	09 Sep 46	183/82	7.98			(1)	Big 8	Lawrence	15 May
Norm Tate	USA	02 Jan 42	185/80	7.96			(2)	AAU	Bakersfield	26 Jun
Ron Coleman	USA	11 Nov 44	183/82	7.95			(3)	AAU	Bakersfield	26 Jun
Tourret				A 7.95		5.0	(2)		Font-Romeu	9 Aug
May				7.94			(1)		Perth	21 Feb
Alan Lerwill	GBR	15 Nov 46	188/81	7.94		6.6	(1)		Leicester	25 May
Stanislaw Cabaj	POL	28 Aug 46	178/73	7.94		2.4	(2)	Kusoc	Warszawa	19 Jun
Lerwill				7.94		2.6	(3)	Comm G	Edinburgh	22 Jul

(21 performances)

Marion Anderson	USA	23 Apr 48	180/68	7.92			(1)		San José	18 Apr
Stan Royster	USA	17 Aug 46	180/77	7.92			(4)	AAU	Bakersfield	26 Jun
Andrzej Stalmach	POL	01 May 42	185/73	7.91		3.0	(3)	Kusoc	Warszawa	19 Jun
Heikki Mattila	FIN	21 Jan 45	175/69	7.91			(1)		Saarijärvi	20 Jun
Tõnu Lepik	URS	01 May 46	193/85	7.90			(2)		Saarijärvi	20 Jun

Jerry Proctor	USA	04 May 49	177/66	7.90		(5)	AAU	Bakersfield	26 Jun
	(20)								
Pertti Pousi	FIN	24 Jun 46	185/68	A 7.89		(1)		Provo	18 Apr
Zdzislaw Kokot	POL	22 Jan 47	173/68	7.89	3.6	(4)	Kusoc	Warszawa	19 Jun
Valeriy Podluzhniy	URS	22 Aug 52	175/68	7.87	8.3	(1)	ECh/Jr	Colombes	13 Sep
Preston Carrington	USA	12 Jun 49	183/70	7.85		(1)		Wichita	11 Apr
André Vix	FRA	05 Mar 46	190/88	A 7.85	6.0	(3)		Font-Romeu	9 Aug
Philippe Housiaux	BEL	10 Dec 47	186/72	7.84		(1)		Gand	25 Apr
Stig Fässberg	SWE	16 Jan 48	185/72	7.83		(1)		Växjö	16 Aug
Joe Silva	USA	22 Apr 46	178/70	7.82		(1)	NCAA	St. Paul	13 Jun
Shinji Ogura	JPN	28 Aug 44	176/70	7.81		(1)	NCh	Tokyo	30 May
Andreas Gloerfeld	FRG	10 Aug 48	180/70	7.81		(3)		Stuttgart	6 Jun
	(30)								
Jacques Rousseau	FRA	10 Mar 51	186/76	7.81	3.2	(2)	ECh/Jr	Colombes	13 Sep
Rafael Blanquer	ESP	14 Oct 45	178/69	7.80		(2)	v FRA	Colombes	27 Jun
Bruce Field	AUS	22 Jan 47	177/72	7.79		(1)		Melbourne	22 Feb
Reinhold Boschert	FRG	06 Feb 47	174/70	7.78		(5)		Stuttgart	6 Jun
Naoki Abe	JPN	08 Apr 45	173/65	7.78		(2)		Odawara	7 Jun
Ari Väänänen	FIN	26 Aug 47	180/76	7.78		(3)		Saarijärvi	20 Jun
Michael Ahey	GHA	22 Nov 38	195/72	7.78	3.4	(4)	Comm G	Edinburgh	22 Jul
Václav Fiser	CSR	09 Jul 47	180/81	7.76		(2)		Budapest	23 May
Valeriu Jurca	ROU	20 Dec 46	183/77	7.76		(2)		Ebensfeld	25 Jul
Dave Norris	NZL	14 Dec 39	183/75	7.75		(1)		Grangemouth	12 Jul
	(40)								
Nenad Stekic	YUG	07 Mar 51	180/70	7.75	7.2	(3)	ECh/Jr	Colombes	13 Sep
Earl Harris	USA	20 Jul 48	183/80	7.74		(3)	Big 8	Lawrence	15 May
Larry Vanley	USA	50	186/85	A 7.74		(3)		El Paso	11 Apr
Horst Zech	FRG	22 Sep 50	182/73	7.74		(6)		Stuttgart	6 Jun
Kari Palmen	FIN	10 Mar 46	188/83	7.74		(1)		Mantsala	26 Jul
Carol Corbu	ROU	08 Feb 46	196/87	7.73		(3)		Budapest	23 May
Gene White	USA	26 Apr 51	181/66	7.73		(1)		Sacramento	20 Jun
Craig Vaughan	USA	18 Sep 46	175/72	7.72		(3)		San José	18 Apr
Al Lanier	USA	20 Jul 50	185/75	7.72		(1)		Des Moines	8 May
Harry Freeman	USA	11 Jun 51	189/83	7.71		(2)		San José	11 Apr
	(50)								
Jeff Bennett	USA	29 Aug 48	173/69	7.71		(D)	USTFF	Des Moines	22 Apr
Wolfgang Hecht	GDR	15 May 44		7.70	3.2	(1)		Magdeburg	16 Jul
Dick Jackson	USA			A 7.69		(3)		Provo	18 Apr
Jim Fraser	USA	22 Oct 49	185/77	7.69		(1)		Berkeley	2 May
Maurice Knight	USA	50	183/68	7.69		(2)		Des Moines	8 May

(55 performers)

TRIPLE JUMP (-) best legal mark in wind-assisted competition - b = board take-off

Viktor Saneyev	URS	03 Oct 45	188/79	17.34		(1)		Sukhumi	18 Oct
Saneyev				17.25	2.0	(1)	EP/Sf	Zürich	2 Aug
Saneyev				17.22	0.4	(1)	WUG	Torino	5 Sep
Jörg Drehmel	GDR	03 May 45	187/83	17.13	1.4	(1)	EP	Stockholm	30 Aug
Nikolay Dudkin	URS	05 Jun 47	178/78	17.01		(1)		Moskva	26 Jul
Saneyev				17.01	-0.2	(2)	EP	Stockholm	30 Aug
Dudkin				17.00		(2)	WUG	Torino	5 Sep
Saneyev				16.98		(1)		Sochi	4 Oct
Saneyev				b 16.95	i	(1)	EiCh	Wien	15 Mar
Drehmel				16.93		(3)	WUG	Torino	5 Sep
Phil May	AUS	20 Sep 45	196/82	16.89	1.8	(1)		Perth	28 Nov
Saneyev				16.86		(1)	NCh	Minsk	12 Sep
Saneyev				16.84		(1)	Znam	Kyiv	3 Jul
Drehmel				16.80	1.6	(1)		Berlin	17 Jun
Saneyev				16.77		(1)		Kyiv	16 Aug
Carol Corbu	ROU	08 Feb 46	196/87	16.76		(1)		Athiná	14 Jun
Drehmel				b 16.74	i	(2)	EiCh	Wien	15 Mar
May				16.72	0.2	(1)	Comm G	Edinburgh	25 Jul
Giuseppe Gentile	ITA	04 Sep 43	189/86	16.72	0.2	(1)	EP/Sf	Sarajevo	2 Aug
Saneyev				16.72		(Q)	WUG	Torino	4 Sep
Norm Tate	USA	02 Jan 42	185/80	16.70	0.3	(1)	v FRG	Stuttgart	16 Jul
May				16.69		(1)		Perth	17 Jan
Corbu				16.69		(4)	WUG	Torino	5 Sep
Corbu				16.68		(1)	Balkan G	Bucuresti	14 Jul
Corbu				16.68		(1)	NCh	Bucuresti	29 Aug
Corbu				16.65		(1)	Balkan G	Bucuresti	16 Aug
Józef Schmidt	POL	28 Mar 35	184/77	16.65	0.5	(3)	EP	Stockholm	30 Aug
Saneyev				16.65		(1)	v GDR POL	Erfurt	27 Sep
Drehmel				b 16.63	i	(1)		Berlin	1 Mar
Corbu				16.62	i	(1)		Bucuresti	28 Feb
Drehmel				16.61		(1)	EP/Sf	Helsinki	2 Aug
Vladimir Kurkyevich	URS	19 Aug 43	188/80	16.60		(1)	v USA	Leningrad	23 Jul
May				16.59		(1)		Perth	18 Nov
Saneyev				16.56		(2)	v USA	Leningrad	23 Jul

Andrzej Lasocki	POL	05 Oct 45	183/73	16.55		(1)	Kusoc	Warszawa	20 Jun
Michael Sauer	FRG	27 Aug 41	183/77	16.55	-0.3	(2)	v FRG	Stuttgart	16 Jul
Serban Ciochina	ROU	30 Nov 39	178/65	16.53	i	(2)		Bucuresti	28 Feb
Schmidt				16.53		(1)	NCh	Warszawa	9 Aug
Drehmel				16.51		(-)	v GBR	London	10 Jul
Corbu				16.50		(1)		Bucuresti	9 May

(40 performances)

Zoltán Cziffra	HUN	10 Nov 42	186/81	16.47	i	(3)		Bucuresti	28 Feb
Václav Fiser	CSR	09 Jul 47	180/81	16.47		(1)		Banská Bystrica	14 Jun
Mike McGrath	AUS	28 Nov 47	175/70	16.43		(1)		Adelaide	3 Jan
Henrik Kalocsai	HUN	28 Nov 40	191/84	16.43		(1)	Nep Coup	Budapest	14 Jun
Gennadiy Volk	URS	06 Nov 42		16.40		(1)		Kyiv	10 May
Yukito Muraki	JPN	31 Jul 45	173/67	16.39		(1)		Shizuoka	12 Apr
Pedro Pérez Dueñas	CUB	23 Feb 52	179/68	16.38		(1)	NCh	La Habana	11 Jan
Jan Broda	CSR	20 Apr 40	178/70	16.37		(2)		Banská Bystrica	14 Jun

(20)

Serge Firca	FRA	11 Mar 48	176/73	16.37		(1)	Méricamp	Lyon	20 Jun
Luis Felipe Areta	ESP	28 Mar 42	188/78	16.35		(6)	WUG	Torino	5 Sep
Gennadiy Bessonov	URS	09 Dec 44	176/67	16.35		(2)	NCh	Minsk	12 Sep
Jüri Liigand	URS	01 May 44	176/72	16.34		(2)		Kyiv	16 Aug
Siegfried Dähne	GDR	17 Mar 46	174/62	b 16.32	i	(2)		Berlin	1 Mar
Patrick Onyango	KEN		45 170/60	16.32		(1)		Dar-es-Salaam	6 Jun
Raymond Privé	FRA	18 May 48	183/65	16.29	2.0	(2)	v USA	Colombes	9 Jul
Nelson Prudêncio	BRA	04 Apr 44	182/71	16.29		(8)	WUG	Torino	5 Sep
Georgi Stoykovski	BUL	10 May 41	173/75	16.28	i	(2)		Sofia	22 Feb
Vasile Dumitrescu	ROU	13 Jan 45	190/82	16.27		(2)		Bucuresti	14 Jul

(30)

Drágan Ivanov	HUN	27 Jan 42	187/76	16.27		(2)		Sochi	3 Oct
Heinz-Günter Schenk	GDR	16 Jan 42	181/76	16.25	i	(3)		Berlin	1 Mar
Edvard Brossmann	URS	01 May 48		16.25		(1)		Tartu	30 Aug
Ryszard Garnys	POL	08 Mar 47	185/74	16.23		(1)		Warszawa	16 May
Michal Joachimowski	POL	26 Sep 50	185/76	16.23		(2)	NCh	Warszawa	9 Aug
Harald Strutz	FRG	22 Dec 50	184/76	16.21	1.8	(2)	NCh	Berlin	9 Aug
Dave Smith	USA	08 Nov 47	183/80	b 16.20	i	(2)	AAU	New York	27 Feb
Mohinder Singh Gill	IND	12 Apr 47	181/70	16.20		(2)		San José	2 May
Kosei Gushiken	JPN	10 Jun 42	172/62	16.20	0.2	(-)	NCh	Tokyo	31 May
Petr Nemsovský	CSR	06 Jan 43	183/74	16.20		(3)		Banská Bystrica	14 Jun

(40)

Klaus Neumann	GDR	04 Jan 42	180/79	16.19		(2)		Berlin	17 Jun
Albinas Kenasis	URS	14 Aug 46		16.17		(3)	NCh	Minsk	12 Sep
Milan Tiff	USA	05 Jul 49	183/72	16.15		(1)	AAU	Bakersfield	27 Jun
Toshiaki Inoue	JPN	03 Jan 51	173/63	16.13		(1)		Matsumoto	30 Aug
Juan Vélasquez	CUB	02 Feb 52	179/74	16.12		(2)	NCh	La Habana	11 Jan
Eugeniusz Orchowski	POL	22 Jan 47	176/70	16.12		(1)		Kraków	26 Jul
Tadeusz Jankowski	POL	17 Oct 46	184/81	16.11		(5)	Kusoc	Warszawa	20 Jun
Kristen Fløgstad	NOR	11 Apr 47	181/70	16.11		(1)		Oslo	30 Aug
Akinobu Hamamoto	JPN	02 Jul 48	179/69	16.11		()		Osaka	30 Oct
Evangelos Vlassis	GRE	27 Dec 44	179/81	16.10		(4)	Balkan G	Bucuresti	16 Aug
(50)									
Leonid Potyomkin	URS	02 Nov 42		16.10		(4)	NCh	Minsk	12 Sep
Don Rencher	USA		48 185/75	16.09		(1)		Kalamazoo	30 May
Samuel Igun	NGR	28 Feb 38	176/76	16.08	0.0	(Q)	Comm G	Edinburgh	24 Jul
Ismo Salmi	FIN	09 Aug 46	183/80	16.08		(1)	NCh	Kouvola	16 Aug
Andreas Baraktiaris	GRE	08 Oct 49	179/72	16.05		(2)	v ITA/B	Athiná	2 Aug
John Craft	USA	24 Mar 47	183/74	16.04		(2)		Kalamazoo	30 May
Abraham "Abe" Munabi	UGA	19 Dec 40	180/70	A 16.04		(1)		Kampala	16 May
Labh Singh	IND	25 Apr 39	173/54	16.04		(1)		Patiala	13 Jun
Andrzej Tomasik	POL	15 Jan 49	184/75	16.04		(1)		Kraków	11 Oct
Yevgeniy Borovskiy	URS	20 Apr 46		16.03		(1)		Minsk	11 Jul
(60)									
Gennadiy Savlevich	URS	01 May 47	179/74	16.03		(5)	NCh	Minsk	12 Sep
Andrzej Pulawski	POL	17 Mar 40	183/77	16.02	i	(1)		Warszawa	15 Feb
Laimonis Malins	URS	28 Jan 43	175/69	16.02		(1)		Tashkent	11 Oct
Dave Tucker	USA	11 Dec 51	185/77	16.01		(1)		Bakersfield	2 May
Graham Boase	AUS	12 Oct 41	179/75	15.99		(3)	NCh	Adelaide	22 Mar
Aleksey Borzenko	URS	22 Dec 45		15.98		(1)		Baku	8 Jun
Stanislav Penyayev	URS	23 Sep 48	183/75	15.98		(1)		Moskva	30 Jul
José Hernández	CUB	04 Jan 38	177/74	15.95		(3)	NCh	La Habana	11 Jan
Jirí Mensik	CSR	16 Apr 48	186/76	15.95	-0.2	(2)	v FIN	Praha	19 Sep
Anatoliy Boyko	URS	09 Apr 47	179/77	15.94	i	(1)		Donetsk	01 Mar
(70)									
Adam Adamek	POL	22 May 47	180/69	15.94		(1)		Wroclaw	13 Sep
Tony Wadhams	GBR	16 May 44	191/90	15.93	-0.2	(2)	v GDR	London	10 Jul
Viktor Kravchenko	URS	25 May 41	175/68	15.93		(1)		Rostov-na-Donu	4 Aug
Allen Meredith	USA		49 178/68	15.92		(1)	Pac 8	West Los Angeles	16 May
Bo Blomqvist	SWE	27 May 41		15.92		(1)		Stockholm	29 Jul
Nikolay Bryukhanchikov	URS	17 Dec 48		15.91		(1)		Alma-Ata	5 Aug
Valeriy Rabochev	URS	29 Sep 46	183/80	15.90		(1)		Dnepropetrovsk	20 Oct

Nikolay Sinichkin	URS	10 Jan 48	178/78	15.89	(1)		Moskva	9 Jul	
Igor Tarasyuk	URS	04 Aug 47	180/77	15.88	(2)		Minsk	11 Jul	
Eugeniusz Biskupski	POL	17 Dec 47	188/83	15.88	(2)		Warszawa	31 Jul	
(80)									
James Butts	USA	09 May 50	188/82	15.87	(1)		Portland	13 Jun	
Jirí Vycichlo	CSR	17 May 46	184/76	15.87	(4)	NCh	Ostrava	13 Sep	
Anatoliy Ovcharov	URS	20 Jan 49		15.87	(1)		Yalta	22 Oct	
Chuck Steffes	USA	02 Sep 49	189/70	A 15.86	(1)		Albuquerque	7 Mar	
Nikolay Shcheglov	URS	15 May 48		15.86 i	(1)		Grodno	8 Mar	
Birger Nyberg	SWE	26 Aug 44	186/74	15.86	(1)	v CAN	Edmonton	15 Sep	
Gennadiy Shastitko	URS	09 Apr 39		15.86	(1)		Nalchik	16 Oct	
Pertti Pousi	FIN	24 Jun 46	185/68	A 15.85	(1)	WAC	Salt Lake City	16 May	
Vladimir Chistyakov	URS	09 Jul 44	177/70	15.84	(2)		Tashkent	11 Oct	
Johnson Amoah	GHA	10 Apr 39	183/73	15.84	()				
(90)									
Lennox Burgher	JAM	17 Mar 47	180/73	15.83 i	(3)		New York	27 Feb	
Konstantin Zimovshchikov	URS	04 May 49		15.82	(1)		Baku	23 Apr	
Anatoliy Golubtsov	URS	25 Oct 51		15.82	(1)		Pitesti	4 Oct	
Robert Reader	USA	09 Mar 46	183/77	15.81	(2)		Portland	13 Jun	
Jürgen Hauke	GDR	24 Mar 49	173/63	15.81	(3)		Berlin	17 Jun	
Boris Aleksandrov	URS	16 Mar 45		15.80 i	(2)		Moskwa	4 Feb	
Wojciech Walkowski	POL	26 Jan 48	179/70	15.80	(1)		Poznan	31 May	
Krzysztof Gancarczyk	POL	11 Feb 49	176/69	15.80	(2)		Kraków	26 Jul	
Joachim Kugler	FRG	19 Sep 47	182/72	15.79	(3)		Mainz	19 Jul	
Tsai Teng-long	TPE	46		15.79	(1)	Asian G	Bangkok	14 Dec	
(100)									
Jorma Gröhn	FIN	02 Jun 45	180/72	15.78	(1)		Heinola	31 May	
Derek Boosey	GBR	15 Jul 42	183/75	15.78	(1)		Wolverhampton	23 Jun	
Valeriy Podluzhniy	URS	22 Aug 52	175/68	15.78	(2)		Cimpulung Miscel	9 Aug	
Vladimir Melnikov	URS	18 Jun 48		15.78	(1)		Kishinyov	1 Nov	
Pentti Kuukasjärvi	FIN	28 Nov 46	178/70	15.78	(2)	NCh	Kouvola	16 Aug	
Lennox Burgher	JAM	17 Mar 47	180/73	15.77	(1)		Kingston	6 Jun	

(106 performers)

TRIPLE JUMP BEST OUTDOOR MARKS

Ciochina				16.41	(1)		Bucuresti	26 Jun
Stoykovski				16.24	(9)		Torino	5 Sep
D.Smith			1.4	16.20	(3)	v FRA	Colombes	9 Jul

15.97 ?

Dähne				16.16		(1)		Leipzig	20 May
Cziffra				16.16		(-)		Budapest	24 May
Boyko				15.86		(6)	NCh	Minsk	12 Sep

WIND ASSISTED

May				16.86		(1)		Perth	12 Dec
Drehmel				16.80		(1)	EP/Sf	Helsinki	2 Aug
May				16.69		(1)		Perth	17 Jan
Drehmel				16.63	2.5	(1)	v GBR	London	10 Jul
Dave Smith	USA	08 Nov	47	183/80	16.56	(1)		San José	2 May
Zoltán Cziffra	HUN	10 Nov	42	186/81	16.56	(1)		Budapest	24 May

(6 performances)

Mike McGrath	AUS	28 Nov	47	175/70	16.47	(1)	NCh	Adelaide	22 Mar
Toshiaki Inoue	JPN	03 Jan	51	173/63	16.37	(1)		Hiroshima	26 Apr
Michal Joachimowski	POL	26 Sep	50	185/76	16.25	2.8	(1)	v CSR HUN	Warszawa
Valeriy Podluzhniy	URS	22 Aug	52	175/68	16.25	5.6	(1)	ECh/Jr	Colombes
Kosei Gushiken	JPN	10 Jun	42	172/62	16.23	(1)	NCh	Tokyo	31 May
Yasuhei Takeuchi	JPN		45		16.15	(1)		Odawara	7 Jun
Graham Boase	AUS	12 Oct	41	179/75	16.14	(2)		Adelaide	3 Jan
Jiro Ozawa	JPN	02 Jan	50	177/69	16.05	(1)		Chiba	14 Jun

(10)

Norbert Gaulke	GDR	06 Aug	52	189/79	16.05	(1)		Berlin	26 Jul
Anatoliy Golubtsov	URS	25 Oct	51		16.05	4.0	(2)	ECh/Jr	Colombes
Gábor Katona	HUN	01 Oct	52	186/81	16.03	7.6	(3)	ECh/Jr	Colombes
Shinpei Ohsawa	JPN	11 Sep	50	173/67	16.02	(3)		Hiroshima	26 Apr
Johann Hunter	RSA	11 Apr	50		16.02	()		Comodoro Rivadavia	14 Nov
Akinobu Hamamoto	JPN	02 Jul	48	179/69	15.93	(2)		Chiba	14 Jun
Jesús Bartolomé	ESP	24 Oct	43		15.86	(1)		Madrid	3 Oct
Robert Reader	USA	09 Mar	46	183/77	15.83	(1)		Eugene	2 May
Alain Bourguignon	FRA	27 Jul	48	177/78	15.83	2.6	(1)	NCh	Colombes
Alan Lerwill	GBR	15 Nov	46	188/81	15.76	2.9	(1)		Loughborough
Robert LeGoupil	FRA	08 Jun	51	180/75	15.75	3.6	(1)		Paris

(20 performers)

SHOT PUT (b = board take-off)

Randy Matson	USA	05 Mar 45	200/122	21.75	(1)	Kenn	Berkeley	30 May
<i>(21.23 - 20.75 - 21.25 - 21.75 - 20.94 - 20.96)</i>								
Matson				21.23	(1)	Cal R	Modesto	23 May
<i>(21.02 - f - 21.15 - f - 21.10 - 21.23)</i>								
Matson				21.02	(1)	MSR	Walnut	25 Apr
<i>(20.98 - 21.02 - f - 20.67 - 20.43 - 20.56)</i>								
Matson				21.00	(1)		Beaumont	16 May
<i>(20.64 - 21.00 - 19.91 - 20.95 - 20.39 - ?)</i>								
Matson				20.84	(1)	Comp	Los Angeles	6 Jun
Matson				20.71	(1)	USTFF	Wichita	12 Jun
Matson				20.68	(1)	AAU	Bakersfield	27 Jun
<i>(18.72 - 20.68 - 20.35 - 19.77 - f - p)</i>								
Matson				20.66	(1)e1	Kans R	Lawrence	18 Apr
Karl Salb	USA	19 May 49	190/129	b 20.56 i	(1)		Houston	13 Feb
Matson				20.56	(1)		Orange	20 Jun
Hartmut Briesenick	GDR	17 Mar 49	191/116	20.55	(1)	EP	Stockholm	29 Aug
Salb				b 20.48 i	(1)	NCAA	Detroit	13 Mar
Uwe Grabe	GDR	15 Oct 42	193/116	20.43	(1)		Hoyerswerda	4 Oct
Salb				20.41	(1)		Bloomington	11 Apr
Matson				20.41	(1)	Rose Fest	Portland	13 Jun
Briesenick				20.39	(1)		Karl-Marx-Stadt	13 Jun
Salb				b 20.37 i	(1)		Oklahoma City	31 Jan
Briesenick				20.36	(1)	EP/Sf	Helsinki	1 Aug
Heinfried Birlenbach	FRG	07 Dec 40	204/125	20.35	(1)	v USA	Stuttgart	15 Jul
Grabe				20.32	(1)		Jena	19 Sep
Matson				b 20.27 i	(1)	LA Times	Inglewood	13 Feb
Briesenick				20.27	(1)	WG	Helsinki	30 Jun
Briesenick				20.27	(1)	NCh	Erfurt	5 Jul
Salb				20.25	(2)	USTFF	Wichita	12 Jun
Briesenick				b 20.22 i	(1)	EiCh	Wien	15 Mar
Wladyslaw Komar	POL	11 Apr 40	194/125	20.22	(1)		Poznan	24 May
Salb				20.19	(1)e2	Kans R	Lawrence	17 Apr
Salb				20.19	(2)e1	Kans R	Lawrence	18 Apr
Salb				20.19	(2)	Cal R	Modesto	23 May
Eduard Gushchin	URS	22 Jul 40	192/121	20.18	(1)	NCh	Minsk	12 Sep
Salb				20.11	(1)		Los Angeles	28 Mar
Briesenick				20.11	(1)	v BUL FIN	Leipzig	15 Sep
Matson				b 20.09 i	(1)		Albuquerque	24 Jan
Matson				b 20.09 i	(1)		San Diego	20 Feb

Komar				20.08	i	(1)		Warszawa	21 Feb
Heinz-Joachim Rothenburg	GDR	09 Apr 44	185/118	20.08		(1)		Berlin	27 Jun
Salb				b 20.03	i	(1)	Big 8	Kansas City	28 Feb
Briesenick				20.03		(1)		Berlin	23 Aug
Matson				b 20.01	i	(1)		Portland	31 Jan
Briesenick				20.01		(1)		Berlin	17 Jun

(40 performances)

Steve Wilhelm	USA	09 Aug 49	188/122	19.89	i	(1)		Lawrence	6 Feb
Al Feuerbach	USA	14 Jan 48	186/109	19.81		(3)	AAU	Bakersfield	27 Jun
(10)									
John van Reenen	RSA	26 Mar 47	202/125	19.81		(1)		Paarl	26 Dec
Bruce Wilhelm	USA	13 Jul 45	191/120	19.77		(4)	AAU	Bakersfield	27 Jun
Pierre Colnard	FRA	18 Feb 29	186/128	19.77		(1)	NCh	Colombes	19 Jul
Nikolay Karasyov	URS	29 Nov 39	182/110	19.74		(1)	v USA	Leningrad	23 Jul
Vilmos Varjú	HUN	10 Jun 37	189/140	19.72		(1)		Budapest	17 Oct
Yves Brouzet	FRA	05 Sep 48	198/150	19.67		(Q)	NCh	Colombes	18 Jul
Dave Murphy	USA	31 Aug 48	193/110	b 19.61	i	(1)		Seattle	7 Feb
Rickard Bruch	SWE	02 Jul 46	199/130	19.59		(1)		Malmö	3 Sep
Neal Steinhauer	USA	18 Aug 44	196/123	19.57		(3)	MSR	Walnut	25 Apr
Doug Lane	USA	31 Dec 49	190/130	19.52		(1)		Des Moines	5 Jun
(20)									
Valeriy Voykin	URS	14 Oct 45	192/118	19.52		(1)		Leningrad	17 Aug
Brian Oldfield	USA	01 Jun 45	196/125	b 19.47	i	(1)	AAU	New York	27 Feb
George Woods	USA	11 Feb 43	188/136	19.47		(4)		Orange	20 Jun
Martti Yrjölä	FIN	26 Mar 38	192/120	19.42		(1)		Hämeenlinna	13 Jul
Hans-Dieter Prollius	GDR	01 Jun 44	196/126	19.42		(2)		Malmö	19 Aug
Ernie Hearon	USA	16 Oct 45	185/95	19.40		(1)		College Park	23 May
Sándor Holub	HUN	26 Jan 43	187/115	19.34		(1)		Budapest	18 Jul
Edy Hubacher	SUI	15 Apr 40	203/105	19.34		(1)	v POL	Olsztyn	22 Aug
Sam Walker	USA	15 Aug 50	185/118	19.33		(3)	USTFF	Wichita	12 Jun
Gerd Lochmann	GDR	03 Apr 48	191/110	19.31		(1)		Berlin	18 Jul
(30)									
Traugott Glöckler	FRG	12 Jan 44	193/94	19.30		(1)		Nieder-Olm	16 Aug
Arnjolt Beer	FRA	19 Jun 46	192/110	19.29		(2)		Lyon	21 Jun
Rimantas Plunge	URS	22 Mar 44	189/119	19.23		(1)		Kaariku	19 Sep
Fred DeBernardi	USA	02 Mar 49	196/125	19.23	i	(1)		El Paso	11 Dec
Dave Steen	CAN	02 Jan 42	188/111	19.21		(1)	Comm G	Edinburgh	25 Jul
György Nágý	HUN	02 Apr 42	186/102	19.20		(2)		Budapest	18 Jul

Rudolf Langer	GDR	29 Mar 39	192/108	b 19.19 i	(1)		Leipzig	8 Feb
Seppo Simola	FIN	27 Jul 36	191/130	19.16	(1)		Somero	26 Jul
Miroslav Janousek	CSR	02 Feb 45	182/125	19.12	(1)		Liberec	11 Aug
Dawid Booyesen	RSA	25 Sep 46	186/110	19.12	(1)		Pretoria	3 Oct
(40)								
Jay Silvester	USA	27 Aug 37	191/114	19.06	(1)		Vimmerby	8 Jul
Les Mills	NZL	01 Nov 34	189/120	19.06	(1)		Grangemouth	12 Jul
Tadeusz Sadza	POL	27 Apr 46	190/108	19.06	(2)	v SUI	Olsztyn	22 Aug
Youssef Nagui Assad	EGY	12 Sep 45	193/113	19.06	(1)		Dresden	4 Oct
Mihály Teveli	HUN	12 Jan 47	197/125	19.01	(1)		Budapest	30 Sep
Pete Shmock	USA	29 Apr 50	188/118	19.00	(1)		Eugene	5 Jun
Peter Hlawatschke	GDR	11 Jun 50	202/132	19.00	(4)	NCh	Erfurt	5 Jul
Edmund Antczak	POL	20 Jul 46	186/109	19.00	(3)	v SUI	Olsztyn	22 Aug
Patrick Chala	FRA	08 Feb 48	185/105	18.96	(1)		Viry-Châtillon	26 Jul
Pekka Ahnger	FIN	03 Jul 42	197/130	18.95	(2)	Nurmi	Turku	1 Jul
(50)								
Vincent Monari	USA	14 Nov 48	196/118	18.92	(1)	WAC	Salt Lake City	15 May
Dieter Hoffmann	GDR	27 Aug 42	187/118	18.91	(1)		Potsdam	14 Jun
Mark Ostoich	USA	01 Apr 49	191/112	18.90	(1)		West Los Angeles	25 Apr
Lahcen Samsam Akka	MAR	14 Jun 42	197/120	18.90	(2)		San José	2 May
Hans-Peter Gies	GDR	09 May 47	194/106	b 18.88 i	(3)		Berlin	1 Mar
Jaroslav Brabec	CSR	27 Jul 49	190/125	18.84	(1)		Praha	8 Aug
Jaroslav Smíd	CSR	27 Apr 34	188/110	18.82	(2)		Praha	8 Aug
Rolf Engels	FRG	03 Jul 48	197/130	18.81	(1)		Aachen	25 Jul
Carl Wallin	USA	04 Oct 41	190/120	18.78	(1)		Yarmouth	10 Aug
Thord Carlsson	SWE	22 Jan 43	190/120	18.78	(3)	v FIN	Helsinki	5 Sep
(60)								
Richard Marks	USA	16 Apr 44	187/122	b 18.73 i	(3)		Seattle	7 Feb
Ferdinand Schladen	FRG	24 May 39	203/125	18.70	(1)		Königswinter	19 Sep
Merab Okroshidze	URS	02 Sep 44	192/125	18.66	(1)		Al Qâhira	12 Apr
Hans-Dieter Möser	FRG	11 Mar 49	196/110	18.65	(2)		Weinheim	26 Jul
Doug Knop	USA	15 May 47	188/120	b 18.63 i	(3)	NCAA	Detroit	13 Mar
Tom Colich	USA	16 Mar 48	190/118	18.59	(2)		Los Angeles	2 May
Arunas Vitkevicius	URS	02 Jul 50	187/115	18.55	(1)		Vilnius	25 May
Hannes Schulze-Bauer	AUT	15 Aug 46	191/115	18.55	(1)		Fürstenfeld	24 Sep
Jessie Stuart	USA	18 Mar 51	190/120	18.54	(2)	Dog R	Knoxville	18 Apr
Ivan Ivancic	YUG	06 Dec 37	194/128	18.54	(1)	Balkan G	Bucuresti	15 Aug
(70)								
Ed Kohler	USA	05 Jul 40	196/131	18.48	(2)		Los Angeles	14 Mar
Antero Juntto	FIN	14 Apr 44	194/94	18.48	(2)		Lahti	22 Jun

John Hubbell	USA	01 Sep 48	198/123	18.45	(4)		Los Angeles	15 May	
Jeff Teale	GBR	20 Dec 39	187/118	18.43	(2)	Comm G	Edinburgh	25 Jul	
János Faragó	HUN	08 Jul 46	186/114	18.40	(1)		Debrecen	25 Jul	
Josef Klik	FRG	30 Jan 35	193/105	18.40	(2)	v FRA/B	Vittel	29 Aug	
Wolfgang Barthel	FRG	01 Jan 51	196/105	18.38	(1)		Neustadt Weinstr.	6 Sep	
Aleksander Tammert	URS	28 Apr 47	189/115	18.36	i (1)		Moskva	7 Feb	
Ralf Reichenbach	FRG	31 Jul 50	200/130	18.35	(1)		Berlin	10 May	
Jaromír Vlk	CSR	04 Mar 49	198/126	18.35	(3)		Praha	15 Aug	
(80)									
Reinhard Vogt	FRG	21 Jun 47	190/110	18.34	(1)		Tönning	8 May	
Hein-Direck Neu	FRG	13 Feb 44	196/125	18.33	(3)		Frechen	21 Jun	
Jim Duncan	USA		50	18.31	(1)		Pine Bluff	3 Apr	
Brian Caulfield	CAN	13 Jul 48		18.29	(6)	NCAA	Des Moines	19 Jun	
John Buehler	USA	03 May 49	183/114	18.26	(4)		Los Angeles	2 May	
Gennadiy Nefedov	URS	20 Sep 39	190/116	18.26	(1)		Volgograd	21 Jun	
Bjørn Bang Andersen	NOR	14 Nov 37	185/107	18.26	(1)	NCh	Kristiansand	15 Aug	
John Barber	USA		49	18.25	(3)	WAC	Salt Lake City	16 May	
Mike Williams	USA	08 Apr 49	203/120	18.25	(6)		Los Angeles	15 May	
Randy Nichols	USA		49 183/100	18.25	(1)		Campbell	22 Jul	
(90)									
Don Tollefson	USA	12 Jan 45	192/116	18.23	i (3)		Los Angeles	17 Jan	
Bruce Pirnie	CAN	20 Aug 42	200/140	18.22	(1)		Vancouver	2 May	
Gudmundur Hermannsson	ISL	28 Jul 25	187/110	18.22	(1)		Reykjavik	5/6 Jul	
Jack Hanley	USA		49 192/126	18.16	(1)	IC4A	Philadelphia	30 May	
Ray Hiscock	USA		49 188/125	18.13	(9)	Cal R	Modesto	23 May	
Harald Lorentzen	NOR	09 Jan 44	186/103	18.12	(1)		Porsgrunn	10 Jun	
Anatoliy Klimenko	URS	11 Nov 46	186/103	18.12	(1)		Kyiv	9 Jul	
John Stuart	USA	22 Jul 49	184/115	18.08	(1)		Nashville	9 May	
Tapio Rauhala	FIN	14 Dec 43	183/107	18.06	(1)		Rantasalmi	28 Jun	
Vladimir Tarasov	URS	14 Nov 41	190/114	18.04	(1)		Tashkent	1 Nov	
(100)									
Bob Winchell	USA		49 190/123	18.03	(6)	USTFF	Wichita	12 Jun	
Kalevi Lehtonen	FIN	02 Jun 38	184/122	18.00	(2)		Turku	9 Sep	
Pentti Kahma	FIN	03 Dec 43	188/110	17.98	(1)		Kalajoki	27 Jul	

(103 performers)

Extra trial

Randy Matson	USA	05 Mar 45	200/122	21.23	(-)		Beaumont	16 May
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Martti Yrjölä	FIN	26 Mar	38	192/120	19.77	(-)		Kokemäki	8 Jul
Randy Nichols	USA		49	183/100	18.40	(-)		Campbell	22 Jul

Implement underweight (7 kg)

Jaroslav Brabec	CSR	27 Jul	49	190/125	18.98	(1)		Opava	1 Aug
Jaroslav Smíd	CSR	27 Apr	34	182/110	18.93	(2)		Opava	1 Aug

Implement underweight

Patrick Chala	FRA	08 Feb	48	185/113	18.96	(1)		Viry-Châtillon	26 Jul
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Professional

Carl Wallin	USA	04 Oct	41	190/120	19.01	i			
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OTHER EUROPEAN PERFORMANCES

Briesenick					19.98	(2)		Jena	19 Sep
Briesenick					19.97	(1)	WUG	Torino	3 Sep
Komar					19.96	i (1)		Warszawa	1 Mar
Grabe					19.96	(2)	NCh	Erfurt	5 Jul
Briesenick					19.92	i (1)		Berlin	15 Feb
Grabe					19.90	(1)		Cottbus	3 Oct
Komar					19.89	(1)		Warszawa	16 May
Grabe					19.89	(1)		Berlin	1 Aug
Rothenburg					19.88	(3)	NCh	Erfurt	5 Jul
Gushchin					19.88	(1)	v GDR POL	Erfurt	26 Sep
Birlenbach					19.84	(1)	NCh	Berlin	9 Aug
Komar					19.83	i (1)		Warszawa	28 Feb
Briesenick					19.79	i (1)	v POL URS	Berlin	1 Mar
Briesenick					19.79	(2)	v POL URS	Erfurt	26 Sep
Briesenick					19.77	i (1)		Berlin	8 Feb
Briesenick					19.77	i (2)		Berlin	15 Feb
Rothenburg					19.76	(2)		Berlin	17 Jun
Komar					19.75	(1)		Warszawa	7 Jun
Grabe					19.75	(3)	v POL URS	Erfurt	26 Sep

SHOT PUT BEST OUTDOOR MARKS

S.Wilhelm				19.83	(2)		Bakersfield	27 Jun
DeBernardi				18.74	(Q)	NCAA	Des Moines	18 Jun
Murphy				19.58	(1)		Los Angeles	15 May
Langer				19.00	(1)		Leipzig	24 Jun
Oldfield				18.89	(9)	AAU	Bakersfield	27 Jun
R.Marks				18.46	(3)		San José	4 Apr
Knop				18.40	(3)	Big 8	Lawrence	16 May
Tammert				18.26	(1)		Zlate Moravce	6 Jun

DISCUS THROW

Rickard Bruch	SWE	02 Jul 46	199/130	67.14	(1)		Malmö	21 Jul
(x - 64.34 - x - x - 67.04 - 67.14)								
Bruch				66.34	(1)		Malmö	11 Jul
(62.30 - 64.46 - x - 62.78 - 63.92 - 66.34)								
Jay Silvester	USA	27 Aug 37	191/114	66.28	(2)		Malmö	11 Jul
(64.26 - x - 65.80 - 66.28 - x - 64.04)								
Silvester				66.23	(1)		Örnsköldsvik	7 Sep
Bruch				65.75	(1)		Malmö	11 Aug
Ferenc Téglá	HUN	15 Jul 47	185/98	65.30	(1)		Szeged	30 Oct
Bruch				65.27	(1)		Söndrum	9 Aug
Géza Fejér	HUN	20 Apr 45	192/120	65.02	(1)		Budapest	29 Oct
Bruch				64.88	(1)	EP	Stockholm	30 Aug
Silvester				64.54	(1)	Cal R	Modesto	23 May
Silvester				64.38	(1)		Viborg	25 Aug
Silvester				64.34	(1)		Orange	20 Jun
Silvester				64.22	(1)		Mjölby	12 Jul
Fejér				64.22	(1)		Budapest	23 Sep
Bruch				64.18	(1)		Uddevalla	27 Jul
Bruch				64.16	(1)		Stockholm	29 Jul
Dirk Wippermann	FRG	27 Jan 46	197/100	64.14	(1)		Aachen	20 Aug
Bruch				64.12	(2)		Viborg	25 Aug
Ludvík Danek	CSR	06 Jan 37	193/123	64.10	(1)		Trinec	27 Jul
Bruch				64.08	(1)		Södertälje	26 Sep
Hein-Direck Neu	FRG	13 Feb 44	196/125	63.99	(1)		Eschweiler	10 Jul
Tegla				63.94	(1)		Szeged	15 Oct
Bruch				63.92	(1)		Lund	22 Aug
Silvester				63.90	(1)		Härnösand	7 Jul
Detlef Thorith	GDR	27 Sep 42	191/110	63.90	(1)		Berlin	17 Sep

Silvester				63.88	(1)	Nott	Milano	1 Jul
Tegla				63.86	(1)		Szeged	28 Oct
Silvester				63.82	(1)	ISTAF	Berlin	4 Jul
Silvester				63.74	(1)		Malmö	19 Aug
Jon Cole	USA	01 Apr 43	183/112	63.73	(1)		Compton	3 May
Bruch				63.68	(1)	v POL	Göteborg	25 Jul
John van Reenen	RSA	26 Mar 47	202/125	63.65	(1)		Pullman	4 Apr
Thorith				63.62	(1)		Leipzig	13 Sep
Bruch				63.60	(1)		Hudiksvall	8 Aug
Silvester				63.56	(1)		Gävle	6 Jul
Bruch				63.48	(1)		Berlin	17 Jun
Bruch				63.44	(1)		Hälsingborg	7 Aug

(41 performances)

Vladimir Lyakhov	URS	17 Jun 37	190/122	62.72	(1)		Sochi	5 Oct
Tim Vollmer	USA	13 Sep 46	191/101	62.64	(1)	v FRG	Stuttgart	16 Jul
János Faragó	HUN	08 Jul 46	186/114	62.38	(1)		Budapest	24 Oct
Pentti Kahma	FIN	03 Dec 43	188/110	62.28	(1)		Virrat	14 Jun
Jorma Rinne	FIN	20 Apr 36	189/112	62.22	(1)		Turku	23 Sep
Doug Knop	USA	15 May 47	188/120	62.13	(1)	Drake R	Des Moines	24 Apr
Bill Neville	USA	16 Feb 43	198/120	62.08	(3)	Cal R	Modesto	23 May
Gary Ordway	USA	08 Oct 43	180/109	61.70	(1)		Los Angeles	2 Jul
Heimo Reinitzer	AUT	24 Sep 43	188/100	61.69	(1)		Graz	9 Sep
John Powell	USA	25 Jun 47	188/111	61.42	(1)		Long Beach	7 Jun

(20)

Leszek Gajdzinski	POL	25 Sep 46	189/120	61.32	(1)	v GDR URS	Erfurt	27 Sep
Rich Drescher	USA	02 Feb 46	193/116	61.20	(1)		Hämeenlinna	28 Aug
Guram Gudashvili	URS	28 Dec 41	193/110	61.12	(1)		Tbilisi	6 Sep
Ed Kohler	USA	05 Jul 40	196/131	61.00	(2)		Malmö	16 Jul
Vytautas Jaras	URS	21 Oct 40	194/118	60.94	(1)		Podolsk	17 Jul
Risto Myyrä	FIN	16 Jul 42	193/110	60.94	(1)		Turku	27 Sep
Namakoro Niaré	MLI	04 Jun 43	187/108	60.62	(1)		Viry Châtillon	9 Sep
Günter Schaumburg	GDR	01 Jan 43	194/110	60.58	(1)		Berlin	23 Aug
Klaus-Peter Hennig	FRG	02 May 47	197/97	60.56	(1)		Aachen	26 Jul
Art Swarts	USA	14 Feb 45	193/115	60.50	(1)		Knoxville	9 May

(30)

János Murányi	HUN	13 Jan 44	188/103	60.16	(1)	WUG	Torino	6 Sep
Juhani Tuomola	FIN	03 Jun 42	189/108	60.12	(3)		Turku	27 Sep
Erlendur Valdimarsson	ISL	05 Nov 47	190/96	60.06	(1)		Reykjavik	25 Oct

Miles Lister	USA	19 May 45	192/129	60.02	(1)		Malmö	17 Jul
Ernst Soudek	AUT	30 Sep 40	203/120	59.87	(1)		Bowling Green	1 May
Don Tollefson	USA	12 Jan 45	192/116	59.77	(4)		Long Beach	7 Jun
Lothar Milde	GDR	08 Nov 34	195/105	59.76	(1)		Halle	12 Jul
George Puce	CAN	29 Dec 40	193/118	59.72	(6)	Cal R	Modesto	23 May
Iver Hole	NOR	26 Dec 44	187/124	59.54	(2)		Malmö	11 Aug
Zenon Begier	POL	23 Nov 35	198/90	59.44	(1)		Bydgoszcz	7 Jun
(40)								
Veljo Kuusemäe	URS	08 Sep 47	186/109	59.44	(1)		Tallinn	24 Aug
Taisto Lampinen	FIN	03 Jul 40	188/100	59.32	(1)		Vuosaari	7 Sep
Robin Tait	NZL	14 Apr 40	191/131	59.31	(1)		Auckland	10 Jan
Silvano Simeon	ITA	27 Oct 45	191/110	59.20	(1)		Milano	19 Apr
Kaj Andersen	DEN	04 Nov 43	185/108	59.13	(1)		Århus	31 May
Dave Weill	USA	25 Oct 41	201/120	59.08	(7)	Cal R	Modesto	23 May
Kenneth Åkesson	SWE	02 Apr 47	191/118	59.04	(1)		Hälsingborg	2 Jun
Jouko Montonen	FIN	13 Dec 37	188/110	59.04	(1)		Turku	17 Jun
Vyacheslav Svyetailo	URS	26 Mar 41	191/108	58.80	(1)		Tallinn	27 Sep
Zbigniew Gryzbon	POL	04 Mar 49	191/104	58.78	(1)		Warszawa	19 Sep
(50)								
Joe Antunovich	NZL	04 Apr 48	190/109	58.70	(2)		Long Beach	22 Mar
Heinz-Joachim Rothenburg	GDR	09 Apr 44	185/118	58.64	(2)		Berlin	15 Aug
Valentin Golovanov	URS		46	58.58	(3)		Podolsk	17 Jul
Vincent Monari	USA	14 Nov 48	196/118	58.52	(1)	WAC	Salt Lake City	15 May
Dieter Gruse	FRG	28 Jul 47	187/96	58.48	(1)		Köln	9 Sep
Viktor Kislov	URS	20 Jun 47	188/105	58.46	(1)		Moskva	30 May
Paul Gill	USA		48 183/95	58.40	(1)		Notre Dame	9 May
Valentin Kovtun	URS	13 Oct 38		58.34	(1)		Donetsk	21 Jun
John Bakkensen	USA	04 Oct 43	189/102	58.27	(5)		Orange	20 Jun
Hartmut Losch	GDR	11 Sep 43	197/120	58.24	(2)		Potsdam	14 Jun
(60)								
Curt Harper	USA	23 Oct 39	188/118	58.09	(1)		Los Angeles	8 Mar
József Katona	HUN	07 May 35		58.08	(1)		Szolnok	8 Oct
Lars Haglund	SWE	22 May 40	198/114	58.04	(2)		Gimo	5 Jul
Tormod Lislerud	NOR	25 Jun 40	194/116	58.02	(1)		Ski	26 Oct
Karl Salb	USA	19 May 49	190/129	57.99	(2)	Drake R	Des Moines	24 Apr
Nicolaos Tsiaras	GRE	05 Jun 43	190/110	57.94	(1)		Athiná	27 Aug
Bengt Nilsson	SWE	30 Jan 48		57.93	(1)		Eutin	6 Sep
Les Mills	NZL	01 Nov 34	189/120	57.89	(1)		Hamilton	12 Dec
Siegfried Pachale	GDR	24 Oct 49	201/123	57.88	(1)		Cottbus	22 Jul
Dave Weber	USA	28 Sep 44	196/134	57.86	(2)		Cerritos	9 May

(70)

Vyacheslav Bakhtin	URS	09 Mar	40	57.84	(1)		Kyiv	5 Jun
Fred DeBernardi	USA	02 Mar	49 196/125	57.81	(2)	NCAA	Des Moines	20 Jun
Ferenc Szegletes	HUN	14 Apr	48 186/106	57.78	(2)		Budapest	23 Sep
Gunnar Müller	GDR	01 Mar	50 201/125	57.72	(2)		Berlin	6 Sep
Reinhard Vogt	FRG	21 Jun	47 190/110	57.62	(1)		Tönning	28 Jul
Stanislaw Skowronski	POL	22 Feb	46 182/95	57.62	(2)	NCh	Warszawa	6 Aug
Antti Jouppila	FIN	16 Jul	49 186/118	57.56	(1)		Kauhava	2 Aug
Jouko Mäenpää	FIN	29 Nov	39 186/108	57.54	(1)		Jurva	15 Sep
Claude Lott	USA		47 186/96	57.53	(6)		Long Beach	21 Jun
Ervis Jaros	USA		47 183/100	57.43	(9)	Cal R	Modesto	23 May

(80)

Jaroslav Vidrna	CSR	17 Jan	41 191/115	57.40	(2)		Trinec	27 Jul
Karl-Heniz Steinmetz	FRG	30 Jul	42 192/117	57.36	(1)		Wiesbaden	9 Sep
Christos Kambitsis	GRE	05 Oct	48 190/105	57.28	(2)		Athiná	27 Aug
Viktor Penzikov	URS	18 Oct	45 188/105	57.20	(1)		Sochi	2 Apr
Todor Artarski	BUL	30 Jan	35 192/117	57.18	(1)		Sofia	24 May
Andrzej Kabat	POL	11 May	45 188/94	57.06	(2)		Warszawa	19 Sep
Armando De Vincentis	ITA	11 Oct	43 185/104	57.04	(2)	v ESP	Madrid	31 May
Jacques Nys	FRA	19 Apr	43 189/103	57.02	(1)		Oignies	20 Sep
Jalal-Alí Keshmiri	IRI	25 Mar	39 192/114	56.95	(1)		Abadan	12 Feb
Enn Erikson	URS	05 Jun	39 194/117	56.94	(1)		Haapsalu	17 Oct

(90)

Valeriy Skakalkin	URS	13 Jan	42 180/100	56.84	(4)	NCh	Minsk	12 Sep
Harald Lorentzen	NOR	09 Jan	44 186/103	56.78	(1)	v BUL	Oslo	22 Jul
Edy Hubacher	SUI	15 Apr	40 203/105	56.78	(1)	NCh	Berne	8 Aug
Bob Stoltman	USA	21 May	46 193/123	56.77	(2)	USTFF	Wichita	13 Jun
Luigi Filipponi	ITA	28 Sep	48 190/102	56.76	(3)	v HUN ROU	Bucuresti	19 Sep
Sergey Naumenko	URS		43	56.74	(1)		Kyiv	22 Sep
Jim Reardon	USA	31 Aug	47 190/120	56.69	(2)		Bowling Green	3 Jul
Viktor Zhurba	URS	06 Aug	50 190/112	56.68	(1)		Yalta	23 Oct
Zig Strauts	CAN	06 Feb	47 183/98	56.67	(1)		Eugene	2 May
Bill Tancred	GBR	06 Aug	42 193/105	56.67	(3)	Comm G	Edinburgh	22 Jul

(100 performers)

Underweight

Günter Schaumburg	GDR	01 Jan	43 194/110	61.64	(1)		Potsdam	27 Jul
Hartmut Losch	GDR	11 Sep	43 197/120	59.88	(2)		Potsdam	27 Jul

Unsanctioned meeting

Kaj Andersen	DEN	04 Nov 43	185/108	62.70	(1)	Århus	6 Sep
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Pending investigation

Luigi Filipponi	ITA	28 Sep 48	190/102	59.72	(1)	Piacenza	5 Sep
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Sloping ground

Jorma Rinne	FIN	20 Apr 36	189/112	61.28	(1)	Turku	9 Sep
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Extra trial

Richard Bruch	SWE	02 Jul 46	199/130	64.74	(-)	Malmö	13 Aug
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Insufficient information as to status of meet

Bruch				66.37	(1)	Malmö	16 Jul
Bruch				66.14	(1)	Malmö	23 Sep
Bruch				65.43	(1)	Malmö	21 Sep
Bruch				65.30	(1)	Malmö	20 Oct
Bruch				64.88	(1)	Malmö	10 Aug
Bruch				64.68	(1)	Malmö	13 Jul
Bruch				64.45	(1)	Malmö	13 Aug
Bruch				64.24	(1)	Malmö	31 Jul
Bruch				64.04	(1)	Malmö	3 Sep
Bruch				63.78	(1)	Malmö	8 Oct

Marks not acceptable

Bruch				66.78	(1)	Malmö	2 Oct
Bruch				66.20	(1)	Malmö	17 Sep
Bruch				65.87	(1)	Malmö	15 Jul
Bruch				64.96	(1)	Malmö	28 Aug
Bruch				64.55	(1)	Malmö	4 Sep
Bruch				64.26	(1)	Malmö	2 Sep
Bruch				64.15	(1)	Malmö	1 Aug

HAMMER THROW

Anatoliy Bondarchuk	URS	31 May 40	183/113	75.04	(1)		Leselidze	25 May
Bondarchuk				73.38	(1)	Nep Coup	Budapest	14 Jun
Bondarchuk				73.34	(1)		Alushta	7 Oct
Bondarchuk				73.10	(1)	EP/Sf	Zürich	1 Aug
Bondarchuk				72.94	(1)		Yalta	18 Apr
Walter Schmidt	FRG	07 Aug 48	192/115	72.92	(1)		Darmstadt	9 Jun
Bondarchuk				72.48	(1)	v USA	Leningrad	23 Jul
Jochen Sachse	GDR	02 Oct 48	193/112	72.40	(1)		Berlin	23 Aug
Bondarchuk				72.36	(1)	Znam	Kyiv	2 Jul
Uwe Beyer	FRG	14 Apr 45	191/108	72.36	(1)		Santiago de Chile	18 Oct
Sachse				72.34	(1)	WUG	Torino	4 Sep
Bondarchuk				72.32	(1)	v GDR POL	Erfurt	26 Sep
Beyer				72.24	(1)		Valparaiso	11 Oct
Bondarchuk				72.12	(1)		Sochi	29 Apr
Beyer				72.10	(1)		Mainz	19 Jul
Beyer				72.04	(1)	NCh	Berlin	8 Aug
Schmidt				71.98	(1)		Darmstadt	2 Jul
Bondarchuk				71.82	(1)		Kyiv	6 Aug
Beyer				71.79	(1)		Asuncion	23 Oct
Beyer				71.68	(2)		Darmstadt	2 Jul
Reinhard Theimer	GDR	28 Feb 48	184/105	71.56	(1)	NCh	Erfurt	3 Jul
Romuald Klim	URS	25 May 33	185/100	71.56	(1)		Minsk	1 Oct
Vasilii Khmelevskiy	URS	14 Jan 48	196/124	71.24	(1)		Leselidze	15 Apr
Klim				71.12	(1)		Riga	5 Jun
Beyer				71.06	(1)		Mainz	19 Sep
Bondarchuk				71.02	(1)		Nalchik	7 Apr
Gyula Zsivótzky	HUN	25 Feb 37	190/102	70.96	(1)		Innsbruck	27 May
Klim				70.96	(1)	Army Ch	Lvov	23 Oct
Zsivótzky				70.92	(1)	EP/Sf	Sarajevo	1 Aug
Zsivótzky				70.92	(Q)	NCh	Budapest	6 Aug
George Frenn	USA	26 Dec 41	180/119	70.89	(1)	Kenn	Berkeley	30 May
Bondarchuk				70.88	(Q)	Znam	Kyiv	2 Jul

(32 performances)

Anatoliy Maksimov	URS	29 Nov 42	193/110	70.72	(2)	v USA	Leningrad	23 Jul
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(10)								
Anatoliy Shchuplyakov	URS	02 Aug 38	190/97	70.66	(1)		Sochi	4 Oct
István Encsi	HUN	01 Feb 43	194/101	70.42	(1)		Budapest	21 Jun
Hans Fahsl	FRG	15 Aug 41	191/115	70.10	(1)		Opladen	1 May
Vladimir Prikhodko	FRA	01 Mar 44	189/102	69.92	(1)		Colombes	6 Jun
Tom Gage	USA	16 May 43	190/103	69.62	(2)	AAU	Bakersfield	26 Jun
Edwin Klein	FRG	19 Jun 48	190/95	69.42	(3)		Darmstadt	2 Jul
Shigenobu Murofushi	JPN	02 Oct 45	181/93	69.42	(1)		Tokyo	4 Oct
Oleg Parkhomenko	URS	06 Jan 38	190/101	69.40	(1)		Rostov-na-Donu	23 Aug
Lutz Caspers	FRG	10 Jul 43	190/100	69.38	(1)		Oberhausen	10 Sep
Howard Payne	GBR	17 Apr 31	184/105	69.24	(1)		Solihull	26 Sep
(20)								
Hal Connolly	USA	01 Aug 31	183/115	69.19	(1)		Long Beach	22 Mar
Stanislaw Lubiejewski	POL	22 May 47	182/101	68.98	(2)		La Habana	1 Nov
Yosif Gamskiy	URS	20 Oct 49	182/104	68.96	(1)		Dnepropetrovsk	15 Oct
Vitaliy Bezugliy	URS	16 Jan 37		68.94	(1)		Volgograd	24 Jun
Georgios Babaniotis	GRE	21 Jan 42	190/105	68.94	(1)	Balkan G	Bucuresti	14 Aug
Vladimir Tretyak	URS	21 Sep 49	186/110	68.68	(2)		Dnepropetrovsk	15 Oct
Mario Vecchiato	ITA	24 Oct 48	182/110	68.40	(1)	NCh	Roma	14 Jul
Andrey Mikhnovets	URS	03 Mar 42	176/106	68.36	(1)		Minsk	26 Sep
Yuriy Nikulin	URS	08 Jan 31	178/102	68.20	(2)		Leselidze	15 Apr
Yoshihisa Ishida	JPN	19 May 44	177/91	68.18	(3)		Köln	11 Aug
(30)								
Aleksey Spiridonov	URS	20 Nov 51	192/117	68.14	(2)		Dnepropetrovsk	18 Oct
Yuriy Vasilyev	URS	04 Oct 39	176/98	68.02	(1)		Moskva	19 Sep
Helmut Baumann	GDR	23 Jan 40	181/98	68.00	(1)		Potsdam	4 Jun
Franz-Josef Woltering	FRG	21 Apr 42	185/108	67.78	(1)		Wolfsburg	18 Oct
Aleksey Baltovskiy	URS	01 Apr 37	189/108	67.78	()	? no URS lists		
Aleksey Komissar	URS	24 Feb 40		67.68	(1)		Moskva	5 Sep
Vladimir Amvrosyev	URS	23 Mar 48		67.66	(1)		Minsk	5 Jul
Austris Upelnieks	URS	27 Apr 48	192/105	67.64	(5)		Leselidze	25 May
Sándor Eckschmiedt	HUN	25 Oct 38	184/107	67.54	(1)		Budapest	26 Sep
Vladimir Platonov	URS	02 Mar 46		67.34	(3)		Dnepropetrovsk	15 Oct
(40)								
Piotr Gazdzik	POL	07 Aug 43	186/104	67.30	(3)	v ITA	Siracusa	5 Jul
Anatoliy Fedotenkov	URS	04 Aug 48	185/110	67.20	(1)		Odessa	29 Jun
Vladimir Tsar	URS	30 Oct 46	181/109	67.14	(1)		Moskva	12 Jul
Bernd Mädler	GDR	21 Apr 44		67.06	(1)		Potsdam	2 Sep
Todor Manolov	BUL	03 Aug 51	186/112	67.06	(1)		Sofia	18 Oct
Hans Pötsch	AUT	02 Mar 33	188/105	67.04	(1)		Schielleiten	22 Aug

Karl-Heinz Beilig	GDR	29 Jan 50	186/85	67.00	(1)		Cottbus	22 Jul
Stavros Moutaftsidis	GRE	22 Nov 47	180/113	66.98	(1)		Kozani	3 Oct
Sergey Korobov	URS	01 Sep 52	193/106	66.96	(1)		Orel	20 Jul
Dimitar Mindov	BUL	07 May 46	178/95	66.86	(2)		Sofia	30 May
(50)								
Mikhail Klyuyev	URS	05 Jul 45	184/102	66.78	(1)		Moskva	6 Sep
Lázár Lovász	HUN	24 May 42	189/99	66.62	(1)		Pécs	28 Jun
Risto Miettinen	FIN	18 Jul 44	185/105	66.62	(1)		Helsinki	24 Aug
Rainer Engwicht	GDR	24 Jun 50	190/115	66.56	(1)		Potsdam	2 Aug
Kauko Harlos	FIN	24 Sep 33	183/115	66.40	(1)		Hofors	29 Aug
Mikhail Rusanovskiy	URS	03 Dec 49	197/120	66.38	(2)		Bryansk	5 Aug
Ernst Ammann	SUI	24 Jan 41	188/112	66.34	(1)		Aarau	28 Jul
Gennadiy Kondrashov	URS	08 Dec 38	184/102	66.30	(8)	NCh	Minsk	14 Sep
Jacques Accambray	FRA	23 May 50	193/113	66.22	(2)		Mantes-la-jolie	7 May
Kai Breindl	FRG	17 Sep 37		66.10	(1)		Aachen	3 Sep
(60)								
Boris Zaychuk	URS	28 Aug 47	185/95	65.94	(1)		Moskva	9 Jun
Paavo Kärki	FIN	22 May 36	177/95	65.82	(1)		Helsinki	13 Jul
Lars-Inge Ström	SWE	21 May 42	185/99	65.70	(2)	v POL	Göteborg	26 Jul
Hannu Vuorela	FIN	20 Dec 46	179/105	65.66	(2)		Helsinki	13 Jul
Walter Bernardini	ITA	15 Nov 44	191/108	65.58	(1)	Zauli	Roma	17 May
Yevgeniy Bakhmet	URS	23 May 46		65.58	(1)		Voroshilovgrad	19 Jun
Dzhumber Pkhakadze	URS	29 Apr 51	197/110	65.52	(2)		Nalchik	14 Oct
Sune Blomqvist	SWE	22 May 41	185/94	65.44	(1)		Örebro	31 Jul
Yuriy Ashmarin	URS	25 Apr 47	190/110	65.44	(4)		Nalchik	31 Oct
Georgios Georgiadis	GRE	21 May 48	187/106	65.42	(2)	NCh	Athiná	27 Sep
(70)								
Josef Hájek	CSR	16 Sep 40	188/110	65.38	(1)		Kutná Hora	25 Apr
Vasiliy Zhariy	URS	24 Jul 41		65.34	(1)		Riga	10 Aug
Boris Georgiyev	URS	17 Dec 37	180/116	65.34	(2)		Leningrad	18 Aug
Peter Przesdzing	GDR	10 Jun 49	181/95	65.20	(3)	NCh	Erfurt	3 Jul
Aleksandr Kiyashkin	URS		36	65.12	(3)		Nalchik	14 Oct
Praveen Kumar	IND	06 Dec 47	200/123	65.10	(1)		Bhopal	3 Apr
Eberhard Gaede	FRG	27 Mar 44	182/103	65.08	(2)		Darmstadt	9 Jun
Hans-Martin Lotz	FRG	01 Nov 47	191/93	65.05	(2)		Hamburg	14 Nov
Vladimir Chezhin	URS		49	65.02	(1)		Moskva	11 Sep
José Alcantara	ESP	02 May 45	182/100	65.00	(1)		Madrid	1 Oct
(80)								
Georgiy Shcheglov	URS	15 Jun 40	185/100	64.92	(3)		Bryansk	5 Aug
Valeriy Vorontsov	URS	01 Jun 46	184/102	64.90	(1)		Minsk	11 Oct

Guy Husson	FRA	02 Mar	31	182/105	64.88	(1)		Aix-les-Bains	18 Oct	
Zbigniew Palyszko	POL	12 Apr	45	180/92	64.86	(1)		Warszawa	4 Oct	
Szymon Jaglinski	POL	12 Aug	49	190/98	64.84	(2)		Poznan	24 May	
Birger Asplund	SWE	21 Jul	29	178/86	64.70	(2)	v FIN	Helsinki	5 Sep	
Karl-Heinz Riehm	FRG	31 May	51	187/106	64.50	(1)		Trier	3 Oct	
Pál Németh	HUN	20 Jun	37		64.40	(1)		Budapest	16 May	
Manfred Seidel	GDR	25 Aug	49	186/115	64.38	(2)		Berlin	23 Aug	
Valeriy Valentyuk	URS	04 Mar	47	185/102	64.34	(2)		Kyiv	9 May	
(90)										
Gérard Chadeaux	FRA	23 Apr	46	194/128	64.26	(2)		Bethune	18 May	
Aleksey Malyukov	URS	23 Mar	50	202/118	64.04	(3)		Moskva	19 Sep	
Jörn Schmidt	FRG	28 Feb	41	184/100	64.00	(6)		Berlin	8 Aug	
Lajos Sajtar	HUN	19 Aug	41		63.94	(1)		Budapest	21 Oct	
Valentin Dmitrenko	URS	08 Jun	51	180/107	63.90	(2)		Yalta	24 Oct	
Lothar Matuschewski	FRG	30 Apr	41	184/90	63.86	(1)		Berlin	25 Apr	
Seichiro Tanaka	JPN	06 Oct	42		63.80	()		Hyogo	19 Jul	
Aleksandr Mendelson	URS	11 Sep	51	198/100	63.78	(1)		Sochi	4 Apr	
Vladimir Tribunskiy	URS	02 May	40	187/115	63.78	(3)		Krasnodar	28 Jul	
Heinz Becker	FRG	21 Nov	43	181/81	63.76	(1)		Ensdorf	16 Aug	
(100)										
Gennadiy Yurin	URS	10 Feb	45		63.62	(2)		Nalchik	6 Apr	
Magne Føleide	NOR	30 Jun	37		63.58	(1)		Tresfjord	5 Jul	

(102 performers)

Extra trial

Romuald Klim	URS	25 May	33	185/100	72.58	(-)		Tachkent	21 Mar
Anatoliy Bondarchuk	URS	31 May	40	183/113	72.48	(-)		Tachkent	21 Mar
Kauko Harlos	FIN	24 Sep	33	183/115	69.12	(-)		Nyköping	20 Sep
Franz-Josef Woltering	FRG	21 Apr	42	185/108	68.06	(-)		Wolfsburg	24 Oct

Unsanctioned meeting

Franz-Josef Woltering	FRG	21 Apr	42	185/108	68.06	(1)		Wolfsburg	24 Oct
Kauko Harlos	FIN	24 Sep	33	183/115	66.90	(1)		Turku	17 Aug

JAVELIN THROW

Pauli Nevala	FIN	30 Nov 40	178/84	92.64	(1)	v SWE	Helsinki	6 Sep
Nevala				92.38	(1)		Seinäjoki	27 Aug
Mark Murro	USA	04 Jun 49	188/109	91.44	(1)		Tempe	27 Mar
Nevala				91.44	(1)		Lahti	20 Aug
Nevala				91.36	(1)		Oulu	9 Sep
Manfred Stolle	GDR	05 Mar 37	185/92	90.86	(1)	NCh	Erfurt	4 Jul
Nevala				90.06	(1)		Teuva	7 Jul
Jorma Kinnunen	FIN	15 Dec 41	175/82	90.00	(1)		Helsinki	24 Aug
Nevala				89.16	(2)		Helsinki	24 Aug
Nevala				88.98	(1)		Tampere	2 Jul
Bill Skinner	USA	27 Dec 39	198/105	88.94	(1)	v FRG	Stuttgart	15 Jul
Nevala				88.90	(1)		Tampere	16 Jun
Nevala				88.34	(1)		Teuva	5 Aug
Jänis Lusion	URS	19 May 39	180/90	88.02	(1)	v GDR POL	Erfurt	27 Sep
Kinnunen				87.96	(2)	v SWE	Helsinki	6 Sep
Nevala				87.94	(1)		Kuortane	3 Aug
Nevala				87.92	(1)		Kuopio	6 Aug
Nevala				87.82	(1)		Vaasa	19 Aug
Murro				87.73	(1)		Tempe	18 Apr
Nevala				87.70	(1)		Teuva	21 Sep
Nevala				87.60	(1)		Imatrankoski	31 Aug
Lusion				87.60	(1)	Army Ch	Lvov	22 Oct
Nevala				87.54	(1)		Hämeenlinna	28 Aug
Nevala				87.50	(1)		Teuva	25 May
Stolle				87.50	(1)	EP/Sf	Helsinki	2 Aug
Nevala				87.46	(1)		Parikkala	13 Sep
Nevala				87.40	(1)		Kotka	26 Aug
Nevala				87.22	(1)		Seinäjoki	12 Jul
Nevala				87.22	(1)		Isojoki	2 Aug
Nevala				87.16	(1)		Teuva	6 Jul
Murro				87.02	(1)		Tempe	4 Apr
Murro				86.94	(1)		Tempe	11 Apr
Nevala				86.90	(1)		Teuva	17 Jul
Nevala				86.88	(1)		Lappeenranta	25 Aug
Nevala				86.84	(1)		Jurva	15 Jul
Nevala				86.70	(1)		Pudasjärvi	29 Jun

(36 performances)

Klaus Wolfermann	FRG	31 Mar 46	178/85	86.46	(1)		München	17 Sep
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Janusz Sidlo	POL	19 Jun 33	182/91	86.22	(1)		Mantes-la-Jolie	7 May
Vyacheslav Gorovoy	URS	25 Aug 42	178/83	85.98	(1)		Tomsk	5 Aug
Miklós Németh	HUN	23 Oct 46	184/90	85.90	(1)		Budapest	13 Jun
(10)								
Bill Schmidt	USA	29 Dec 47	183/95	85.52	(1)	Cal R	Modesto	23 May
Zygmunt Jaloszynski	POL	18 Jun 46	187/98	85.00	(1)		Lódz	25 Jul
Hannu Siitonen	FIN	18 Mar 49	183/85	84.80	(3)	v SWE	Helsinki	6 Sep
Sándor Boros	HUN	07 May 49	182/96	84.58	(1)		Budapest	5 Jul
Larry Stuart	USA	19 Oct 37	188/91	84.56	(1)		Fullerton	22 Feb
Vilnis Feldmanis	URS	12 Apr 46	181/89	83.80	(1)		Riga	4 Jun
Wladyslaw Nikiciuk	POL	09 Mar 40	182/88	83.70	(1)	v ITA	Siracusa	4 Jul
David Travis	GBR	09 Sep 45	183/85	83.44	(1)	EP/Sf	Zürich	2 Aug
Frank Covelli	USA	02 Apr 37	188/91	83.08	(1)		Orange	20 Jun
József Csik	HUN	01 Jan 46	176/85	82.72	(1)	NCh	Budapest	9 Aug
(20)								
Lars Avellan	FIN	14 Jun 48	182/82	82.68	(4)	WG	Helsinki	30 Jun
Herwig Biering	GDR	02 Aug 48	173/78	82.56	(1)		Berlin	18 Jul
Valeriy Belan	URS	15 May 47	185/93	82.56	(1)		Dnepropetrovsk	19 Sep
Raimo Pihl	SWE	28 Oct 49	186/87	81.92	(1)	v CAN NOR	Victoria	19 Sep
Horst Timmer	FRG	14 Mar 43	191/96	81.72	(1)		Aachen	29 Sep
Urs von Wartburg	SUI	01 Mar 37	188/100	81.34	(1)	WK	Zürich	3 Jul
Jorma Jaakola	FIN	13 Jun 50	186/92	80.90	(3)		Oulu	9 Sep
Lech Krupinski	POL	03 May 48	192/101	80.78	(1)		Warszawa	19 Sep
Peter Maync	SUI	23 Oct 43	183/88	80.75	(1)		Eugene	5 Jun
Juhani Nummela	FIN	07 Nov 48	178/85	80.66	(3)		Teuva	5 Aug
(30)								
Fred Luke	USA	12 Nov 46	183/100	80.49	(1)		Vancouver	8 Aug
Andrej Huncík	CSR	21 Jul 42	185/78	80.36	(1)		Dubnica	19 Sep
Mauri Auvinen	FIN	20 Feb 49	183/85	80.20	(4)		Teuva	5 Aug
Esa Ålander	FIN	14 Oct 46	178/80	80.16	(1)		Parkano	14 Jun
Siegfried Hinzmann	GDR	05 Nov 42	191/96	80.12	(1)		Potsdam	2 Sep
Jaroslav Halva	CSR	20 May 42	188/92	80.06	(1)		Banská Bystrica	13 Jun
Gergely Kulcsár	HUN	10 Mar 34	184/90	80.04	(1)		Stockholm	2 Jul
Cary Feldmann	USA	11 Jul 50	185/91	79.99	(3)	NCAA	Des Moines	20 Jun
Roger Collins	USA	06 Nov 48	177/82	79.96	(2)	AAU	Bakersfield	27 Jun
Janis Donins	URS	20 Apr 46	186/84	79.94	(1)		Praha	23 Jun
(40)								
Frank Burgasser	USA	28 Mar 44	188/91	79.86	(1)		Albuquerque	30 May
Iván Zarubai	HUN	25 Jan 43		79.84	(3)		Budapest	5 Jul
Renzo Cramerotti	ITA	09 Dec 47	189/83	79.78	(1)	NCh	Roma	15 Jul

Witold Krupinski	POL	02 Aug 45	184/88	79.78	(1)	v SUI	Olsztyn	22 Aug
Milcho Milenski	BUL	18 May 45	184/80	79.74	(1)		Sofia	30 May
Wieslaw Sieranski	POL	23 Jun 47	183/85	79.74	(1)		Warszawa	30 May
Nikolay Grebnev	URS	11 Sep 48	191/107	79.68	(1)		Alushta	15 Oct
Ed Red	USA	06 Mar 42	190/91	79.60	(2)		Long Beach	6 Sep
Veikko Pakarinen	FIN	20 May 49	183/81	79.44	(1)		Nurmes	9 Jul
Jack Bacon	USA	04 Apr 48	186/91	79.43	(1)		Columbia, SC	4 Apr
(50)								
Bertie Binneman	RSA	12 Apr 49		79.36	(1)		Stellenbosch	8 Apr
Arve Olsson	NOR	28 Aug 45	194/99	79.32	(1)		Noresund	26 Jul
Gunther Glasauer	FRG	31 Mar 48	197/97	79.32	(1)		Heidelberg	29 Sep
Sigmund Kosciak	AUS	11 Mar 46		79.27	(1)		Sydney	7 Feb
Milos Vojtek	CSR	11 Apr 38	184/82	79.18	(1)		Ostrava	12 Sep
György Erdélyi	HUN	15 Jul 47	175/85	79.02	(1)		Keszthely	1 Aug
Lolésio Tuita	FRA	15 Jul 43	182/90	79.00	(1)	NCh	Colombes	18 Jul
Hermann Schlechter	FRG	24 Jan 47	180/76	78.98	(1)		Heidelberg	24 May
John FitzSimons	GBR	12 Feb 43	182/81	78.97	(2)		Long Beach	18 Apr
Aleksey Medvedev	URS		40	78.90	(1)		Donetsk	8 Oct
(60)								
David Reiss	USA	05 Apr 48	183/82	78.89	(3)	Penn R	Philadelphia	25 Apr
Maris Griva	URS	25 Jul 44		78.84	(1)		Riga	29 Jun
Boris Bazorkin	URS	31 Jul 46	178/91	78.62	(1)		Frunze	29 Mar
Karl John	FRG	11 Sep 39	178/80	78.60	(1)		Zweibrücken	26 Apr
Reinhard Kossatz	GDR	05 Jul 47	187/81	78.56	(1)		Berlin	6 Sep
Aimo Puska	FIN	23 Jan 52	174/78	78.54	(2)		Teuva	21 Sep
Boris Molochinskiy	URS	08 Jul 44		78.53	(1)		Baku	25 Apr
Bob Wallis	USA	31 Jul 48	190/97	78.51	(4)	AAU	Bakersfield	27 Jun
Mac Wilkins	USA	15 Nov 50	193/111	78.44	(2)		Eugene	5 Jun
Aleksandr Makarov	URS	11 Feb 51	184/98	78.38	(1)		Leselidze	18 Apr
(70)								
Yevgeniy Shuravin	URS	05 Dec 49		78.38	(2)		Sochi	28 Apr
Peter Mörbel	FRG	19 Feb 41	185/87	78.34	(2)	v FRA/B	Vittel	29 Aug
Nikolay Razdaybedin	URS	05 Jul 47		78.30	(1)	Army Ch	Lvov	22 Oct
Bernard Werner	POL	17 Apr 51	176/86	78.28	(1)		Bydgoszcz	25 Oct
Georgiy Kadynskiy	URS	18 Mar 46		78.24	(1)		Gorlovka	18 May
John McSorley	GBR	18 Sep 41	188/95	78.24	(1)	v GBR B	Cwmbran	1 Aug
Hanno Struse	FRG	03 Jul 43	189/82	78.14	(1)		Langenfeld	10 Oct
Ulf Johansson	SWE	01 Mar 48		78.13	(1)		Albuquerque	7 Mar
Bob Kouvolio	USA	06 Oct 49	188/95	78.08	(1)		Athens	11 Apr
Fernando Tallon	ESP	03 Sep 46	182/85	78.04	(1)		Madrid	13 Nov

(80)

Mike Lyngstad	USA	17 Jun 47	178/91	78.03	(3)	Orange	20 Jun
Vasiliy Terentyev	URS	01 Jan 45		77.98	(3)	Lvov	22 Oct
Karlo Gordzemashvili	URS	25 Feb 42	190/90	77.90	(1)	Kyiv	16 Aug
Lauri Koski-Vähälä	SWE	23 Jun 45	183/78	77.84	(2)	Gävle	6 Jul
Andy Barnett	USA	18 Jun 49	180/82	77.83	(1)	Eagle Rock	11 Apr
Pekka Lappalainen	FIN	03 Dec 47	185/84	77.66	(2)	Tampere	2 Jul
Jan Bohman	SWE	14 Oct 43	182/89	77.64	(1)	Hälsingborg	7 Jun
Kaarlo Heiskanen	FIN	09 Sep 38	176/67	77.60	(1)	Hamilton, Ont.	19 Jun
Michel Butet	FRA	19 Jun 47	170/75	77.58	(1)	Vanves	19 Sep
Helmut Schönbichler	AUT	26 Apr 46		77.54	(1)	Wien	30 May

(90)

Gerd Simonsen	FRG	27 Feb 40	186/88	77.52	(1)	Offenburg	27 Sep
Ed Moreland	USA	09 Oct 47	196/97	77.45	(1)	Eagle Rock	29 May
Jan Bartek	CSR	19 Jul 47	188/86	77.44	(1)	Olomouc	17 May
Bjørn Grimnes	NOR	24 Sep 50	181/90	77.42	(1)	v BUL Oslo	23 Jul
Per-Eric Smiding	SWE	10 Feb 50	181/82	77.28	(1)	Kristianstad	23 May
Michel Pougheon	FRA	26 Jan 43	187/85	77.26	(1)	Saint-Maur	18 May
Pekka Palttila	FIN	24 Jul 44	179/85	77.20	(1)	Taavetti	14 Jun
Hermann Salomon	FRG	13 Apr 38	182/80	77.20	(3)	München	12 Jul
Rudolf Hars	FRG	14 feb 43	185/82	77.20	(1)	Aachen	25 Jul
Gábor Kovács	HUN	20 Feb 46	189/86	77.04	(1)	Budapest	8 Jul

(100 performers)

Sloping ground

Lars Avellan	FIN	14 Jun 48	182/82	83.38	(1)	Helsinki	7 May
Esa Ålander	FIN	14 Oct 46	178/80	82.36	(2)	Helsinki	7 May
Martti Mulari	FIN	14 Sep 45	194/85	78.70	(3)	Helsinki	7 May

Unknown irregularity

Pekka Palttila	FIN	24 Jul 44	179/85	77.62	(1)	Pirkkala	3 Jun
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Extra trials

Nevala				89.22	(-)	Jalasjärvi	29 Jul
Nevala				88.50	(-)	Teuva	17 Jul

Unsactioned meeting

Hannu Siitonen	FIN	18 Mar 49	183/85	80.68	(1)		Pirkkala	27 Jun
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Domonstration throw

David Travis	GBR	09 Sep 45	183/85	84.66	(-)		Lilleshall	1 Apr
Travis				83.90	(-)		London	8 Mar

DECATHLON

Rüdiger Demmig	GDR	12 Jan 45	188/86	8.130	(1)	NCh	Erfurt	05/06 Sep
<i>(10.5 - 7.29 - 14.04 - 1.92 - 47.9 - 14.1 - 42.13 - 4.50 - 57.88 - 4:35.5)</i>								
Joachim Kirst	GDR	21 May 47	190/86	8.121	(1)		Schielleiten	06/07 Jun
<i>(10.5 - 7.48 - 16.26 - 2.11 - 48.4 - 15.1 - 49.01 - 4.40 - 52.19 - 5:15.6)</i>								
Jeff Bennett	USA	29 Aug 48	173/69	8.072	(1)	Drake R	Des Moines	22/23 Apr
<i>(10.4 - 7.71 - 12.56 - 1.83 - 48.6 - 15.1w - 35.54 - 4.72 - 60.97 - 4:15.4)</i>								
John Warkentin	USA	17 Feb 47	188/88	A 8.026	(1)	AAU	South Lake Tahoe	24/25 Jun
<i>(10.6 - 7.29 - 14.35 - 1.92 - 48.3 - 14.4 - 45.66 - 4.07 - 62.58 - 4:44.5)</i>								
Russ Hodge	USA	09 Sep 39	190/100	8.025	(1)		West Los Angeles	31/01 Jun
<i>(10.5 - 6.96 - 17.05 - 1.83 - 48.9 - 14.9 - 49.39 - 4.10 - 58.56 - 4:41.5)</i>								
Lennart Hedmark	SWE	18 May 44	181/84	8.011	(1)	v EST	Stockholm	11/12 Jul
<i>(11.2w- 7.36 - 14.61 - 1.88 - 48.8 - 14.8 - 46.92 - 4.30 - 67.80 - 4:34.5)</i>								
Herbert Wessel	GDR	12 Mar 44	194/90	8.003	(2)		Schielleiten	06/07 Jun
<i>(10.5 - 7.27 - 14.35 - 1.96 - 49.3 - 14.7 - 45.14 - 4.50 - 57.12 - 4:49.9)</i>								
Manfred Tiedtke	GDR	07 Sep 42	187/88	7.989	(3)		Schielleiten	06/07 Jun
<i>(10.6 - 7.01 - 16.01 - 1.96 - 50.3 - 14.1 - 43.92 - 4.50 - 55.23 - 4:51.4)</i>								
Wessel				7.988	(2)	NCh	Erfurt	05/06 Sep
<i>(10.7 - 7.41 - 14.39 - 2.01 - 49.0 - 14.9 - 43.80 - 4.70 - 55.94 - 4:56.4)</i>								
Hodge				7.981	(1)		Los Angeles	11/12 Dec
<i>(10.2 - 6.99 - 17.21 - 1.80 - 49.0 - 14.6 - 50.40 - 3.81 - 62.50 - 5:04.9)</i>								
Kurt Bendlin	FRG	22 May 43	183/85	7.932	(1)	v URS	Leningrad	15/16 Aug
<i>(10.5 - 7.19 - 14.66 - 1.85 - 49.8 - 15.6 - 44.24 - 4.20 - 69.02 - 4:35.5)</i>								
Günther Grube	FRG	28 Dec 44	185/86	7.919	(1)	v ROU	Ebensfeld	25/26 Jul
<i>(10.7w- 7.36w- 14.63 - 1.79 - 50.8 - 15.0w- 44.88 - 4.30 - 76.58 - 4:47.8)</i>								
Hans-Dieter Michalak	GDR	14 Jul 48	194/93	7.908	(1)		Erfurt	23/24 May
<i>(11.0 - 7.28 - 14.83 - 1.75 - 48.8 - 15.5 - 44.72 - 4.60 - 63.50 - 4:25.6)</i>								
Kirst				7.907	(1)	v URS	Tallinn	27/28 Jun
<i>(10.8 - 7.49 - 16.64 - 2.01 - 50.0 - 15.6 - 47.84 - 4.30 - 55.02 - 5:05.7)</i>								

Leonid Litvinenko	URS	28 Jan 49	185/87	7.900	(1)	NCh	Minsk	12/13 Sep
(11.1 - 6.83 - 13.58 - 1.88 - 48.5 - 14.7 - 44.54 - 4.30 - 57.90 - 4:10.0)								
Horst Beyer	FRG	05 Jan 40	195/96	7.894	(1)A	NCh	Stuttgart	12/13 Sep
(11.1 - 7.20 - 14.41 - 1.96 - 50.0 - 14.6 - 46.51 - 4.20 - 53.52 - 4:23.5)								
Michalak				7.893	(3)	NCh	Erfurt	05/06 Sep
(10.9 - 7.25 - 15.40 - 1.89 - 48.6 - 15.8 - 43.72 - 4.60 - 55.93 - 4:34.4)								
Hodge				A 7.886	(2)	AAU	South Lake Tahoe	24/25 Jun
(10.3 - 7.11 - 17.47 - 1.75 - 47.9 - 14.8 - 45.46 - 4.07 - 57.27 - 5:05.4)								
Michalak				7.881	(1)	v SUI	Zürich	11/12 Jul
(11.1 - 7.32 - 14.36 - 1.83 - 47.6 - 15.1 - 40.48 - 4.60 - 61.62 - 4:32.8)								
Nikolay Avilov	URS	06 Aug 48	191/90	7.874	(2)	v FRG	Leningrad	15/16 Aug
(11.0 - 7.34 - 12.98 - 2.12 - 50.5 - 14.3 - 43.86 - 4.10 - 54.94 - 4:34.6)								

(20 performances)

Freddy Herbrand	BEL	01 Jun 44	190/88	7.837	(1)		Spa	19/20 Sep
(10.7 - 7.57 - 13.52 - 2.06 - 50.8 - 14.5 - 40.66 - 4.30 - 52.62 - 4:45.3)								
Rein Aun	URS	05 Oct 40	189/88	7.831	(2)	v SWE	Stockholm	11/12 Jul
(11.0w- 7.52w- 14.48 - 1.88 - 49.1 - 15.4w- 46.84 - 4.00 - 61.72 - 4:38.1)								
Hans-Joachim Perk	FRG	19 Sep 45	188/88	7.844	(1)		Königswinter	04/05 Jul
(11.1 - 7.02 - 14.01 - 1.84 - 50.0 - 14.8 - 46.10 - 4.50 - 56.94 - 4:25.2)								
Tadeusz Janczenko	POL	09 Jan 46	182/81	7.803	(1)	NCh	Warszawa	7/8 Aug
(10.6 - 7.41 - 13.75 - 1.98 - 49.4 - 16.0 - 44.88 - 4.00 - 64.18 - 4:50.0)								
Boris Tolmachov	URS	07 Aug 47	185/80	7.780	(3)	v SWE	Stockholm	11/12 Jul
(11.1w- 7.52 - 13.82 - 2.03 - 50.5 - 15.5 - 37.94 - 4.20 - 65.72 - 4:34.1)								
Heinz-Ulrich Schulze	FRG	10 Mar 49	184/82	7.772	(1)B	NCh/Jr	Stuttgart	12/13 Sep
(10.9 - 6.88 - 14.59 - 1.84 - 49.0 - 14.9 - 44.94 - 4.10 - 61.29 - 4:33.2)								
(20)								
Curt Socol	ROU	03 Feb 41		7.771	(1)	Balkan G	Bucuresti	14/15 Aug
(11.2 - 7.21 - 13.37 - 1.92 - 51.3 - 14.4 - 49.10 - 4.10 - 61.80 - 4:37.3)								
Jeff Bannister	USA	30 Aug 45	190/91	7.754	(1)	USTFF	Emmitsburg	16/17 May
(10.7 - 7.04 - 13.53 - 1.93 - 47.7 - 14.5 - 41.95 - 3.35 - 54.38 - 4:15.3)								
Manfred Bock	FRG	28 May 41	191/85	7.730	(1)	v ROU	Ebensfeld	25/26 Jul
(11.2w - 7.05w - 14.73 - 1.88 - 52.8 - 14.8w - 43.90 - 4.50 - 73.72 - 4:52.4)								
Vladimir Ormanov	URS	23 Feb 47	187/84	7.730	(2)	NCh	Minsk	12/13 Sep
(10.7 - 7.18 - 14.55 - 1.80 - 49.3 - 15.3 - 41.60 - 4.50 - 57.98 - 4:42.0)								
József Bakai	HUN	13 Mar 42	184/90	7.729	(4)		Schielleten	06/07 Jun
(11.0 - 6.88 - 14.33 - 1.93 - 51.1 - 15.7 - 49.54 - 4.30 - 65.02 - 4:47.3)								
Bill Toomey	USA	10 Jan 39	187/88	7.728	(1)		Fresno	24/25 Mar
(10.6 - 7.29 - 13.79 - 1.89 - 48.7 - 14.9 - 42.06 - 4.00 - 58.49 - 4:49.2)								

Vladimir Shcherbatykh	URS	18 Mar 45	183/82	7.728	(2)	v GDR	Tallinn	27/28 Jun
<i>(10.9 - 7.30 - 13.43 - 1.95 - 50.6 - 14.8 - 39.38 - 4.70 - 56.32 - 4:44.8)</i>								
Arthur Hess	SUI	29 Apr 49	190/82	7.715	(2)	v GDR	Zürich	11/12 Jul
<i>(10.8 - 7.12 - 13.89 - 1.92 - 49.1 - 15.7 - 39.91 - 4.50 - 55.15 - 4:33.1)</i>								
Axel Richter	GDR	26 Oct 46	193/93	7.703	(3)	v SUI	Zürich	11/12 Jul
<i>(11.1 - 7.10 - 14.97 - 1.95 - 51.2 - 15.6 - 47.28 - 4.30 - 56.21 - 4:40.5)</i>								
Jürgen-Michael Pölke	FRG	30 Mar 47	190/85	7.700	(1)		Berlin	11/12 Jul
<i>(11.3 - 6.91 - 12.93 - 1.88 - 50.6 - 15.0 - 42.57 - 4.41 - 66.84 - 4:23.0)</i>								
(30)								
Steen Smidt Jensen	DEN	26 Jan 45	185/85	7.692	(2)	Scand Ch	Sollentuna	28/29 Aug
<i>(11.0 - 6.81 - 13.60 - 2.03 - 49.9 - 14.4 - 44.18 - 4.20 - 49.72 - 4:36.6)</i>								
Boris Ivanov	URS	26 Sep 47	186/86	7.670	(1)		Nalchik	02/03 Oct
<i>(11.1 - 7.12 - 14.20 - 2.00 - 51.1 - 15.0 - 41.88 - 4.20 - 62.34 - 4:48.8)</i>								
Toomas Berendsen	URS	05 May 44	189/89	7.668	(4)	v SWE	Stockholm	11/12 Jul
<i>(11.3w - 7.00 - 14.60 - 1.94 - 50.8 - 15.4w - 48.24 - 4.20 - 57.80 - 4:38.1)</i>								
Spas Dzhurov	BUL	28 Feb 44	195/93	7.657	(2)	Balkan G	Bucuresti	14/15 Aug
<i>(10.8 - 6.82 - 15.78 - 1.81 - 49.7 - 14.9 - 43.68 - 4.30 - 47.68 - 4:31.7)</i>								
Roger Lespagnard	BEL	24 Oct 46	180/78	7.639	(2)		Spa	19/20 Sep
<i>(10.9 - 6.90 - 13.64 - 2.06 - 49.9 - 15.4 - 39.59 - 4.50 - 49.82 - 4:37.5)</i>								
Aleksandr Blinyayev	URS	23 Mar 51	189/91	7.632	(1)	ECh/Jr	Colombes	11/12 Sep
<i>(11.3 - 7.19 - 14.40 - 1.95 - 51.5 - 15.9 - 46.42 - 4.10 - 57.96 - 4:28.2)</i>								
Bernd Knut	FRG	22 Aug 40	186/84	7.628	(1)		Hamburg	30/31 May
<i>(11.1 - 7.19 - 14.46 - 1.83 - 51.2 - 14.8 - 44.73 - 3.90 - 62.61 - 4:35.4)</i>								
Andrei Sepci	ROU	05 Apr 48	183/79	7.628	(3)	Balkan G	Bucuresti	14/15 Aug
<i>(11.2 - 6.89 - 13.19 - 2.03 - 50.8 - 14.5 - 41.48 - 4.10 - 56.52 - 4:31.7)</i>								
Frank Thiemig	GDR	18 Apr 48	194/96	7.624	(4)	NCh	Erfurt	05/06 Sep
<i>(10.8 - 6.75 - 14.58 - 1.82 - 48.9 - 15.5 - 48.86 - 4.10 - 54.65 - 4:42.0)</i>								
Horst Mandl	AUT	08 Jan 36	187/86	7.623	(6)		Schielleiten	06/07 Jun
<i>(11.3 - 7.22 - 13.60 - 1.99 - 51.1 - 14.5 - 40.30 - 4.40 - 59.50 - 4:51.0)</i>								
(40)								
Eberhard Stroot	FRG	20 Mar 51	182/78	7.620	(2)		Königswinter	04/05 Jul
<i>(10.7 - 7.13 - 12.81 - 1.96 - 48.4 - 15.0 - 38.04 - 3.70 - 52.80 - 4:21.5)</i>								
Toomas Suurväli	URS	02 Apr 44	184/85	7.613	(1)		Tallinn	01/02 Oct
<i>(10.7 - 7.14 - 13.82 - 1.87 - 51.3 - 15.0 - 42.36 - 4.00 - 55.90 - 4:31.3)</i>								
Gennadiy Yelsakov	URS	06 May 45	184/86	7.602	(1)		Dnepropetrovsk	22/23 Jul
<i>(10.8 - 7.08 - 13.61 - 1.84 - 50.6 - 15.6 - 46.98 - 4.00 - 63.95 - 4:45.0)</i>								
Siegfried Pradel	GDR	23 Aug 42	183/85	7.594	(3)	v AUT	Berlin	31/01 Aug
<i>(10.7 - 6.72 - 14.47 - 1.78 - 49.8 - 15.0 - 46.00 - 4.00 - 64.50 - 4:52.2)</i>								
Albert Fantalis	URS	07 Dec 39	185/85	7.590	(1)		Dnepropetrovsk	20/21 Oct
<i>(10.9 - 6.93 - 15.05 - 1.76 - 49.2 - 15.4 - 42.64 - 4.10 - 54.30 - 4:26.3)</i>								

Geoff Smith	AUS	06 Mar 45		7.587	(1)		Sydney	03/04 Jan
<i>(10.8 - 7.25 - 13.34 - 1.83 - 50.1 - 14.4 - 40.10 - 4.00 - 58.04 - 4:40.1)</i>								
Jürgen Olek	GDR	19 Feb 45	182/82	7.577	(8)	v URS	Tallinn	27/28 Jun
<i>(11.3 - 7.17 - 14.77 - 1.89 - 51.6 - 15.7 - 42.96 - 4.50 - 57.12 - 4:37.4)</i>								
Guy Drut	FRA	06 Dec 50	189/75	7.565	(1)		Lille	09/10 May
<i>(10.6w - 7.25 - 11.66 - 1.97 - 53.0 - 14.2 - 41.10 - 4.55 - 58.70 - 5:07.6)</i>								
Helmut Grolmann	FRG	04 Apr 44	180/75	7.559	(2)		Kassel	06/07 Jun
<i>(10.9 - 7.18 - 13.55 - 2.01 - 50.8 - 15.3 - 39.42 - 4.20 - 53.52 - 4:42.4)</i>								
Ryszard Skowronek	POL	01 May 49	184/81	7.554	(2)	NCh	Warszawa	7/8 Aug
<i>(11.0 - 7.11 - 12.01 - 1.80 - 49.5 - 14.8 - 41.88 - 4.40 - 62.64 - 4:43.2)</i>								
(50)								
Hannu Kyösola	FIN	26 Jan 45	183/78	7.553	(1)		Heinola	09/10 May
<i>(10.9 - 7.40 - 13.90 - 1.75 - 51.3 - 15.0 - 42.34 - 3.70 - 67.44 - 4:34.2)</i>								
Steve Gough	USA	26 Mar 48	190/93	A 7.520	(4)	AAU	South Lake Tahoe	24/25 Jun
<i>(10.6 - 7.41 - 13.69 - 2.02 - 50.8 - 14.7 - 45.16 - 3.65 - 54.86 - 5:24.7)</i>								
Vladimir Smirnov	URS	25 Jul 39		7.514	(2)		Dnepropetrovsk	20/21 Oct
<i>(10.8 - 6.66 - 14.92 - 1.79 - 51.6 - 15.3 - 45.60 - 4.00 - 61.80 - 4:40.2)</i>								
Hans-Joachim Walde	FRG	28 Jun 42	191/89	7.510	(10)	v URS	Leningrad	15/16 Aug
<i>(11.0 - 6.97 - 14.44 - 1.91 - 50.7 - 15.4 - 40.64 - 4.20 - 59.58 - 4:50.3)</i>								
Aleksandr Grebenyuk	URS	02 May 51	188/92	7.503	(1)		Pyatigorsk	16/17 May
<i>(11.0 - 7.16 - 12.37 - 1.95 - 49.9 - 15.1 - 39.42 - 4.20 - 59.50 - 4:48.4)</i>								
Dave Thoreson	USA	16 May 41	188/79	7.501	(1)		Santa Maria	14/15 Aug
<i>(11.1 - 7.12 - 11.80 - 2.00 - 51.3 - 15.1 - 41.63 - 4.54 - 51.66 - 4:38.5)</i>								
Manfred Apt	GDR	27 Mar 49	190/89	7.499	(10)	v URS	Tallinn	27/28 Jun
<i>(11.3 - 6.84 - 14.18 - 1.86 - 50.3 - 15.1 - 39.10 - 4.30 - 58.90 - 4:31.9)</i>								
Vladimir Tregubenko	URS	27 Apr 44	184/86	7.488	(1)		Moskva	22/23 Aug
<i>(11.2 - 7.22 - 13.95 - 1.85 - 53.0 - 15.3 - 42.12 - 4.30 - 62.48 - 4:40.9)</i>								
Barry King	GBR	03 Apr 45	185/91	7.486	(3)		West Los Angeles	31/01 Jun
<i>(11.1 - 6.83 - 16.38 - 1.80 - 50.6 - 16.1 - 48.67 - 3.66 - 62.21 - 4:43.9)</i>								
Yuriy Dyachkov	URS	13 Jul 40	196/100	7.484	(1)		Tbilisi	03/04 Nov
<i>(11.3 - 7.32 - 14.96 - 1.95 - 51.5 - 14.6 - 40.94 - 4.20 - 51.08 - 4:57.0)</i>								
(60)								
Werner Eikmeier	FRG	13 Dec 42	181/78	7.481	(5)		Königswinter	04/05 Jul
<i>(10.8 - 6.68 - 13.28 - 1.92 - 50.3 - 14.6 - 40.12 - 4.40 - 56.10 - 4:59.5)</i>								
Yuriy Rusanov	URS	08 Jan 39		7.480	(3)		Dnepropetrovsk	20/21 Oct
<i>(10.7 - 6.86 - 14.13 - 1.79 - 52.0 - 14.5 - 42.85 - 4.00 - 59.72 - 4:48.3)</i>								
Ryszard Katus	POL	29 Mar 47	184/81	7.469	(1)		Warszawa	26/27 Sep
<i>(11.0 - 6.96 - 12.39 - 1.89 - 50.5 - 14.1 - 37.06 - 4.50 - 55.88 - 4:49.7)</i>								
George Pannell	USA	10 Mar 47	190/86	7.467	(2)		Santa Maria	14/15 Aug
<i>(10.9 - 6.91 - 13.48 - 1.78 - 49.4 - 14.3 - 41.73 - 3.82 - 54.66 - 4:36.1)</i>								

Sergey Shchelkov	URS	01 Jun 38	190/92	7.465	(1)		Bryansk	03/04 Aug
(11.3 - 6.91 - 15.52 - 1.75 - 52.0 - 15.6 - 46.75 - 4.20 - 65.07 - 4:48.2)								
Wolfgang Linkmann	FRG	05 Nov 40	195/100	7.464	(4)	NCh	Stuttgart	12/13 Sep
(11.0 - 6.86 - 14.86 - 1.88 - 50.7 - 14.7 - 45.29 - 4.20 - 56.56 - 5:17.6)								
Vasile Muresan	ROU	26 Feb 43		7.461	(2)	NCh	Bucuresti	10/11 Oct
(10.9 - 7.18 - 14.12 - 1.88 - 51.3 - 15.5 - 38.14 - 4.40 - 58.86 - 4:54.5)								
Gundolf Hunner	FRG	17 Mar 47	187/87	7.451	(1)		Neuburg	18/19 Jul
(10.6w- 6.54 - 14.90 - 1.88 - 50.5 - 15.4 - 40.98 - 3.70 - 59.94 - 4:43.3)								
Jaán Lember	URS	14 Nov 45	188/90	7.447	(7)		Nalchik	30/31 May
(11.0 - 6.81 - 14.80 - 1.87 - 52.6 - 15.6 - 44.62 - 4.30 - 53.30 - 4:39.5)								
Yevgeniy Kiselyov	URS	27 Dec 49	191/91	7.435	(4)		Dnepropetrovsk	20/21 Oct
(10.8 - 7.09 - 13.85 - 1.94 - 51.5 - 14.6 - 36.52 - 4.10 - 49.32 - 4:41.1)								
(70)								
Anatoliy Archakov	URS	04 Sep 46		7.432	(1)		Kishinyov	28/29 Sep
(11.4 - 6.87 - 15.00 - 1.95 - 51.6 - 15.7 - 44.00 - 4.10 - 58.10 - 4:47.4)								
Kaidu Meitern	URS	09 Nov 45	180/83	7.429	(8)		Nalchik	30/31 May
(10.8 - 6.86 - 13.47 - 1.93 - 51.3 - 16.0 - 36.04 - 4.30 - 60.90 - 4:38.2)								
Herbert Swoboda	FRG	19 Sep 45	182/74	7.423	(1)		Lyon	03/04 Oct
(10.9 - 7.23 - 13.56 - 1.75 - 50.7 - 15.9 - 39.00 - 4.30 - 61.64 - 4:39.0)								
Vasile Bogdan	ROU	20 Mar 50	186/81	7.421	(5)	v FRG	Ebensfeld	25/26 Jul
(11.0w- 6.92w- 11.97 - 1.85 - 49.9 - 15.7w- 41.02 - 3.90 - 65.86 - 4:30.2)								
Viktor Kondakov	URS	18 Oct 44		7.419	(9)		Nalchik	30/31 May
(11.0 - 6.93 - 14.04 - 1.78 - 49.7 - 16.4 - 44.60 - 3.90 - 57.42 - 4:28.1)								
Leszek Fidusiewicz	POL	27 Jan 43		7.418	(7)		Schielleiten	06/07 Jun
(10.6 - 7.49 - 11.82 - 1.96 - 49.3 - 15.5 - 40.18 - 3.60 - 51.88 - 4:43.6)								
Herbert Hüttl	GDR	20 Jan 47	187/73	7.418	(1)		Magdeburg	06/07 Jun
(10.8w- 7.10w- 11.86 - 2.12 - 49.2 - 15.0w- 37.80 - 3.80 - 47.46 - 4:45.2)								
Ludvík Pernica	CSR	12 Dec 49	188/80	7.417	(2)		Warszawa	27/28 Jun
(11.2 - 6.89 - 12.20 - 1.90 - 49.3 - 15.3 - 38.22 - 4.30 - 50.04 - 4:20.0)								
Gerhard Tilmann	FRG	13 Nov 38	184/83	7.417	(5)	NCh	Stuttgart	12/13 Sep
(11.3 - 6.34 - 15.28 - 1.80 - 49.6 - 15.5 - 42.55 - 3.80 - 59.22 - 4:20.3)								
Norm Johnston	USA	17 Mar 42	188/91	7.409	(2)	Drake R.	Des Moines	22/23 Apr
(10.6 - 6.54 - 13.95 - 1.88 - 49.2 - 14.4 - 36.11 - 3.60 - 54.67 - 4:36.3)								
(80)								
Ivan Sedláček	CSR	03 Feb 46	186/80	7.409	(1)		Praha	10/11 Oct
(11.1 - 7.03 - 11.05 - 1.85 - 50.4 - 14.4 - 39.54 - 4.31 - 57.82 - 4:36.8)								
Rick Wanamaker	USA	20 Mar 48	206/95	7.406	(1)	NCAA	Des Moines	19/20 Jun
(11.1 - 6.63 - 13.45 - 1.98 - 51.2 - 14.9 - 42.67 - 4.04 - 57.81 - 4:52.2)								
Jüri Otsmaa	URS	13 Jul 43	186/87	7.404	(1)		Kyiv	14/15 Aug
(11.3 - 6.89 - 13.74 - 1.88 - 51.0 - 15.1 - 44.18 - 3.90 - 60.28 - 4:44.0)								

Engelbert Pöss	FRG	04 Apr 48		7.393	(1)		Kornwestheim	17/18 Oct
(11.0 - 6.93 - 13.56 - 1.86 - 50.6 - 15.4 - 42.10 - 3.80 - 55.50 - 4:31.7)								
Gert Herunter	AUT	09 Mar 42	190/85	7.386	(5)	v GDR	Berlin	31/01 Aug
(10.5 - 6.88 - 15.16 - 1.90 - 48.5 - 14.6 - 42.18 - 3.50 - 50.38 - 5:24.2)								
Nikolay Kazarov	URS	19 Jan 46		7.383	(5)		Dnepropetrovsk	20/21 Oct
(11.2 - 7.10 - 13.42 - 1.70 - 51.2 - 16.0 - 40.70 - 4.30 - 64.92 - 4:28.0)								
Pritt Paalo	URS	15 Aug 43	186/90	7.369	(1)		Tallinn	26/27 Jun
(11.3 - 6.63 - 15.02 - 1.93 - 53.7 - 15.2 - 43.49 - 4.10 - 56.52 - 4:39.6)								
Helmut Kammermeier	FRG	30 Mar 39		7.364	(2)		Berlin	11/12 Jul
(10.7 - 6.85 - 14.32 - 1.76 - 51.0 - 15.2 - 42.48 - 3.70 - 63.41 - 4:52.0)								
Aalo Eller	URS	06 Feb 44		7.363	(7)	NCh	Minsk	12/13 Sep
(11.3 - 7.01 - 13.78 - 1.80 - 49.7 - 15.9 - 40.82 - 4.00 - 59.22 - 4:31.8)								
Mikhail Levickiy	URS	45		7.361	(11)		Nalchik	30/31 May
(10.7 - 7.25 - 13.58 - 1.87 - 50.3 - 16.2 - 43.42 - 4.60 - 48.58 - 5:16.7)								
(90)								
Svyatoslav Trombitskiy	URS	20 May 45		7.352	(1)		Minsk	04/05 Jul
(10.9 - 6.92 - 14.13 - 1.75 - 50.2 - 15.2 - 43.32 - 4.20 - 50.68 - 4:48.2)								
Valeriy Averbukh	URS	21 May 45		7.350	(7)		Dnepropetrovsk	20/21 Oct
(10.9 - 6.78 - 13.43 - 1.85 - 49.3 - 15.2 - 38.28 - 4.10 - 45.40 - 4:26.4)								
Valeriy Ivanishko	URS	10 Aug 45		7.341	(8)		Alma-Ata	04/05 Aug
(10.7 - 7.13 - 13.61 - 1.83 - 51.8 - 16.0 - 43.10 - 4.00 - 52.90 - 4:43.0)								
Jorma Vesala	FIN	28 Aug 47	190/76	7.336	(3)	Scand Ch	Sollentuna	28/29 Aug
(11.3 - 7.00 - 13.28 - 1.98 - 49.6 - 15.6 - 35.74 - 4.40 - 44.94 - 4:31.7)								
Peter Gabbett	GBR	19 Nov 41	183/83	7.331	(1)		London	26/27 Jun
(10.9 - 6.99 - 11.97 - 1.89 - 48.0 - 16.0 - 40.10 - 3.80 - 52.10 - 4:31.4)								
Petr Kratký	CSR	07 Dec 47	185/86	7.331	(2)		Praha	10/11 Oct
(11.2 - 7.07 - 13.47 - 1.80 - 50.9 - 15.5 - 39.84 - 4.20 - 57.08 - 4:38.0)								
Yordan Mlyakov	BUL	10 Jan 43	187/92	7.325	(4)	Balkan G	Bucuresti	14/15 Aug
(11.4 - 6.41 - 14.50 - 1.81 - 53.0 - 14.7 - 43.50 - 4.10 - 62.46 - 4:38.2)								
Gennadiy Kolesnikov	URS	07 Jan 40		7.324	(1)		Lipetsk	
(
Viktor Sivoy	URS	45		7.320	(1)		Tashkent	16/17 Apr
(11.2 - 7.22 - 13.75 - 1.95 - 53.2 - 15.9 - 42.30 - 4.00 - 56.20 - 4:44.9)								
Karl-Jürgen Leyhe	FRG	02 Oct 46	173/77	7.318	(6)	v ROU	Ebensfeld	25/26 Jul
(11.1w- 6.99w- 13.28 - 1.82 - 50.8 - 15.0w- 39.24 - 3.60 - 59.06 - 4:28.3)								
(100)								
Viktor Purdelo	URS	23 Sep 52		7.313	(1)		Tallinn	01/02 Oct
(10.8 - 7.31 - 14.55 - 1.75 - 52.0 - 15.6 - 42.88 - 3.80 - 61.52 - 5:04.7)								
Vassilios Sevastis	GRE	27 May 49	191/89	7.312	(5)	Balkan G	Bucuresti	14/15 Aug
(11.1 - 7.18 - 12.85 - 1.78 - 50.6 - 14.9 - 36.30 - 4.00 - 56.82 - 4:31.4)								

Hansruedi Kunz	SUI	26 May 45	182/86	7.310	(6)	v GDR	Zürich	11/12 Jul
(11.0 - 6.47 - 14.74 - 1.83 - 49.4 - 15.4 - 39.15 - 4.30 - 59.61 - 5:07.4)								
Edward Kozakiewicz	POL	27 May 48	184/80	7.307	(3)		Warszawa	25/26 Sep
(11.1 - 6.83 - 11.96 - 1.92 - 50.6 - 16.4 - 38.12 - 4.87 - 51.80 - 4:37.5)								
Pavel Rambak	URS	11 Jun 51	186/78	7.304	(8)		Dnepropetrovsk	20/21 Oct
(11.2 - 6.98 - 12.31 - 1.85 - 51.3 - 15.1 - 38.30 - 4.00 - 65.20 - 4:41.1)								

(104 performers)

WIND ASSISTED (over 4 m/s)

Peter Gabbett	GBR	19 Nov 41	183/83	7.469	(2)	Comm G	Edinburgh	21/22 Jul
(10.70w- 7.51W- 11.86 - 1.89 - 48.71 - 15.37W- 41.70 - 3.30 - 55.96 - 4:30.0)								
2.7	5.2		4.6					

4x100 RELAY * 4x110 yards less 0.2 sec.

FRA				39.0	(1)	v USA	Colombes	8 Jul
(Sarteur, Bourne, Fenouil, Metz)								
USA				39.1	(1)	v URS	Leningrad	23 Jul
(Crockett, Vaughan, Hart, Taylor)								
(UTEP) El Paso (USA)			A	39.2 *	(1)	WAC	Salt Lake City	16 May
(R Jackson, Fray, P Gibson, Glosson)								
(UTEP) El Paso (USA)				39.2 *	(1)	Cal R	Modesto	23 May
(Jackson, Fray, Gibson, Glosson)								
UCLA (USA)				39.2 *	(2)	Cal R	Modesto	23 May
(Welch, Robinson, Johnson, Collet)								
Texas Southern (USA)				39.2 *	(1)		Pasadena	29 May
(Robert Taylor, Robert Washington, Ron Williams, Willie Polk)								
URS				39.2	(2)	v USA	Leningrad	23 Jul
(Kornelyuk, Sapeya, Izmestyev, Borzov)								
Maslakov in place of Izmetyev ?								
POL				39.2	(1)	WUG	Torino	6 Sep
(Wagner, Werner, Gramse, Nowosz)								
CUB				39.2	(2)	WUG	Torino	6 Sep
(Bandomo, Morales, Montes, Triana M.)								
POL				39.2	(1)	v GDR URS	Erfurt	26 Sep
(Wagner, Cuch, Romanowski, Dudziak)								

(10)

USA (Crockett, Vaughan, Hart, Turner)	39.3	(2)	v FRA	Colombes	8 Jul
USA (Crockett, Vaughan, Hart, Taylor)	39.3	(1)	v FRG	Stuttgart	15 Jul
CSR (Kríz, Demec, Kynos, Bohman)	39.3	(1)	EP/Sf	Sarajevo	1 Aug
POL (Gramse, Cuch, Romanowski, Dudziak)	39.3	(1)	v GBR	Warszawa	12 Sep
GDR (Bombach, Schenke, Burde, Eggers)	39.3	(2)	v POL URS	Erfurt	26 Sep
CUB (Ramirez, Morales, Montes, Triana M.)	39.4	(1)	CAC G	Ciudad de Panamá	8 Mar
UCLA (USA) (Welch, Robinson, P Gibson, Collet)	39.4 *	(1)	v Sthern CA	Los Angeles	2 May
Texas A.M. (USA) (Hendricks, C.Mills, M.Mills, Woods)	39.4 *	(1)		Villanova	16 May
JAM (Stewart, Miller, Lawson, Quarrie)	39.4	(1)	Comm G	Edinburgh	25 Jul
GDR (Bombach, Walther, Burde, Eggers)	39.4	(1)	EP	Stockholm	29 Aug
(20)					
URS (Kornelyuk, Sapeya, Izmestyev, Maslakov)	39.4	(3)	WUG	Torino	6 Sep
Texas A.M. (USA) (Hendricks, C.Mills, M.Mills, Woods)	39.5 *	(1)	Tex R	Austin	4 Apr
Texas Southern (USA) (R.Washington, Polk, R Williams, Taylor)	39.5 *	(1)		Houston	23 May
GDR (Bombach, Schenke, Beckanam, Eggers)	39.5	(1)	v GBR	London	10 Jul
FRG (Hofmeister, Bieler, Wucherer, Eigenherr)	39.5	(1)	r1	München	12 Jul
POL (Wagner, Cuch, Romanowski, Nowosz)	39.5	(2)	EP	Stockholm	29 Aug
FRA (Sarteur, Bourbeillon, Ducasse, Arame)	39.5	(1)	v CSR	Colombes	26 Sep
CSR (Kríz, Demec, Kynos, Utekal)	39.5	(2)	v CSR	Colombes	26 Sep
USC (USA) (Franklin, Pharris, K Jones, Garrison)	39.6 *	(1)		Long Beach	7 Mar
Texas A.M. (USA)	39.6 *	(1)	SW AC	Pasadena	2 May

(Hendricks, C.Mills, M.Mills, Woods)

(30)

USC (USA) (M Jackson, M.Turner, Pharris, Garrison)	39.6 *	(2)		Los Angeles	2 May
California (USA) (Couser, Curtis, Masters, Hart)	39.6 *	(1)	Pac 8	West Los Angeles	16 May
El Paso (USA) (H Jackson, Fray, P Gibson, Glosson)	39.6 *	(1)	Kenn	Berkeley	30 May
Texas Southern (USA) (Washington, Polk, R Williams, Turner)	A 39.6 *	(1)h1	NAIA	Billings	5 Jun
North Carolina Central (USA) (Larry Black, Jaues Stewart, Ken Thompson, Floyd Williams)	39.6 *	(1)h1	NCAA	Des Moines	18 Jun
El Paso (USA) (Harrington Jackson, Mike Fray, Paul Gibson, Clyde Glosson)	39.6 *	(2)h1	NCAA	Des Moines	18 Jun
California (USA) (Couser, Curtis, Masters, Hart)	39.6 *	(1)h2	NCAA	Des Moines	18 Jun
Texas A.M. (USA) (Hendricks, C.Mills, M.Mills, Rodgers)	39.6 *	(2)h2	NCAA	Des Moines	18 Jun
Texas A.M. (USA) (Hendricks, C.Mills, M.Mills, Rodgers)	39.6 *	(1)s2	NCAA	Des Moines	19 Jun
North Carolina Central (USA)	39.6 *	(2)s2	NCAA	Des Moines	19 Jun
(40)					
POL (Wagner, Romanowski, Nowosz, Cuch)	39.6	(1)	Kusoc	Warszawa	19 Jun
CSR (Kriz, Demec, Kynos, Bohman)	39.6	(1)	v HUN POL	Warszawa	27 Jun
GBR (I.Green, Reynolds, Dear, R.Jones)	39.6	(2)	v GDR	London	10 Jul
FRG (Hofmeister, Bieler, Wucherer, Eigenherr)	39.6	(1)r2		München	12 Jul
FRG (Hofmeister, Bieler, Wucherer, Eigenherr)	39.6	(2)	v USA	Stuttgart	15 Jul
FRG (Hofmeister, Bieler, Wucherer, Eigenherr)	39.6	(2)	EP/Sf	Sarajevo	1 Aug
Bayer 04 Leverkusen (FRG) (Nickel, Knobloch, Ommer, Eigenherr)	39.6	(1)r1	NCh	Berlin	9 Aug
FRG (Nickel, Eigenherr, Wucherer, Schwarz)	39.6	(3)	EP	Stockholm	29 Aug
CUB (Ramirez, Triana P., Triana M., Montes)	39.6	(1)		La Habana	31 Oct

CUB (Ramirez, Morales, Montes, Triana M.) (50)	39.7	(1)h	CAC G	Ciudad de Panamá	7 Mar
California (USA) (Couser, Masters, Curtis, Hart)	39.7 *	(1)		Berkeley	14 Mar
Oklahoma State (USA) (E Harris, Litvak, D Schultz, Bolding)	A 39.7 *	(1)		El Paso	21 Mar
UCLA (USA) (Welch, Robinson, P Gibson, Collet)	39.7 *	(1)		Los Angeles	28 Mar
UCLA (USA) (Welch, Robinson, P Gibson, Collet)	39.7 *	(2)	Pac 8	West Los Angeles	16 May
Texas A.M. (USA) (Hendricks, C.Mills, M.Mills, Rodgers)	39.7 *	(3)	Cal R	Modesto	23 May
POL (Wagner, Romanowski, Nowosz, Cuch)	39.7	(1)	v BUL	Sofia	13 Jun
California (USA) (Couser, Curtis, Masters, Hart)	39.7 *	(1)s1	NCAA	Des Moines	19 Jun
Indiana (USA) (Goodwich, M Miller, Lundgreen, Highlaugh)	39.7 *	(2)s1	NCAA	Des Moines	19 Jun
POL (Wagner, Romanowski, Nowosz, Cuch)	39.7	(2)	v CSR HUN	Warszawa	27 Jun
URS (Kornelyuk, Sapeya, Izmestyev, Maslakov) (40)	39.7	(1)	EP/Sf	Zürich	1 Aug
POL (Wagner, Cuch, Romanowski, Nowosz)	39.7	(1)	EP/Sf	Helsinki	1 Aug
YUG (Maskovic, Lendjc, Kocuvan, Karasi)	39.7	(3)	EP/Sf	Sarajevo	1 Aug
Salamander K. (FRG) (Schmidtke, Schwarz, Linder, Juskschet)	39.7	(1)r2	NCh	Berlin	9 Aug
POL (Wagner, Gramse, Werner, Nowosz)	39.7	(1)h3	WUG	Torino	5 Sep
FRA (Broux, Bourbeillon, Ducasse, Grès)	39.7	(4)	WUG	Torino	6 Sep
FRG (Nieckel, Bieler, Rudolph, Eigenherr)	39.7	(5)	WUG	Torino	6 Sep
GBR (I.Green, Reynolds, Dear, B.Kelly)	39.7	(2)	v POL	Warszawa	12 Sep
Indiana (USA) (Goodrich, M Miller, Lundgren, Highbaugh)	39.8 *	(1)		Knoxville	30 Mar

Southern California (Franklin, M Turner, Pharris, Garrison)	39.8 *	(1)		Berkeley	4 Apr
Texas A.M. (USA) (Hendricks, C.Mills, M.Mills, Woods) (50)	39.8 *	(1)		College Station	18 Apr
Texas A.M. (USA) (Scotty Hendricks, C.Mills, M.Mills, Woods)	39.8 *	(1)	NCAA	Des Moines	25 Apr
Oklahoma State (USA) (Litvak, Bolding, D Schultz, E Harris)	39.8 *	(2)	NCAA	Des Moines	25 Apr
UCLA (USA) (Welch, Robinson, P Gibson, Collet)	39.8 *	(1)		Los Angeles	25 Apr
California (USA) (Couser, Curtis, Masters, Hart)	39.8 *	(1)		Berkeley	2 May
Indiana (USA) (Goodrich, M Miller, Lundgren, Highbaugh)	39.8 *	(1)		Bloomington	5 May
Oklahoma State (USA) (Litvak, Bolding, D Schultz, E Harris)	39.8 *	(1)		Baton Rouge	9 May
California (USA) (Cousers, Curtis, Masters, Hart)	39.8 *	(4)	Cal R	Modesto	23 May
Indiana (USA) (Highbaugh, Lundgren, Goodrich, M Miller)	39.8 *	(5)	Cal R	Modesto	23 May
UCLA (USA) (Welch, Robinson, Johnson, Collet)	39.8 *	(2)	Kenn	Berkeley	30 May
Texas Southern (USA) (Washungton, Polk, R Wiliams, R Taylor) (60)	39.8 *	(1)		Billings	6 Jun
USA (Greene, Pender, White, Vaughan)	39.8	(1)	CISM	Viareggio	14 Jun
Arizona State (Holbrook, M Roberts, Holden, Hawken)	39.8 *	(3)s	NCAA	Des Moines	19 Jun
Oklahoma State (USA) (Litvak, Bolding, D Schultz, E Harris)	39.8 *	(4)s	NCAA	Des Mounes	19 Jun
Southern California (M Jackson, M Turner, K Jones, Garrison)	39.8 *	(5)s	NCAA	Des Moines	19 Jun
JAM (	39.8	(1)		Stockholm	1 Jul
GBR (I.Green, Reynolds, Dear, R.Jones)	39.8	(1)		London	5 Jul
GHA (Ahey, Addy, Owusu, Daniels)	39.8	(2)	Comm G	Edinburgh	25 Jul

USA (	39.8	(1)		Stockholm	29 Jul
FRA (Bambuck, Bourbeillon, Fenouil, Metz)	39.8	(2)	EP/Sf	Zürich	1 Aug
ITA (Rietti, Preatoni, Calvo, Abeti) (70)	39.8	(4)	EP/Sf	Sarajevo	1 Aug
FRA (Sarteur, Bourbeillon, Fenouil, Metz)	39.8	(4)	EP	Stockholm	29 Aug
GBR (I.Green, Reynolds, Dear, Halliday)	39.9	(3)	EP/Sf	Zürich	1 Aug
Legia Warszawa (POL) (Nowosz, Romanowski, Cuch, Stanczuk)	39.9	(1)	NCh	Warszawa	9 Aug
SC Charlottenburg (FRG) (	39.9	(3)	NCh	Berlin	9 Aug
FRG (Metz, Letzelter, Brieger, Rienlcker)	39.9	(1)	v FRA/B	Vittel	29 Aug
CUB (Montes, Triana M., Bandomo, Triana P.)	39.9	(1)		Bucuresti	12 Sep
Moskva (URS) (A.Lebedev, M.Lebedev, Barcho, Mikishev)	39.9	(1)		Tashkent	10 Oct
FRG (Nieckel, Bieler, Rudolph, Eigenherr)	39.9	(1)h2	WUG	Torino	5 Sep

(78 performances)

OTHERS NON USA TEAMS

ITA (Rietti, Preatoni, Calvo, Abeti)	39.9	(1)	v ESP	Madrid	30 May
GBR (I.Green, Reynolds, Dear, Halliday)	39.9	(3)	EP/Sf	Zürich	1 Aug
Legia Warszawa (POL) (Nowosz, Romanowski, Cuch, Stanczwik)	39.9	(1)	NCh	Warszawa	9 Aug
SC Charlottenburg (FRG) (Mahlow, Drygalski, Dickhut, Leidicke)	39.9	(3)	NCh	Berlin	9 Aug
FRG (Metz, Letzelter, Brieger, Rienlcker)	39.9	(1)	v FRA/B	Vittel	29 Aug
FRG (Nieckel, Bieler, Rudolph, Eigenherr)	39.9	(1)h2	WUG	Torino	5 Sep

CUB (Montes, Triana M., Bandomo, Triana P.) (80)	39.9	(1)		Bucuresti	12 Sep
Moskva (URS) (A.Lebedyev, M.Lebedyev, Barcho, Mikishev)	39.9	(1)		Tashkent	10 Oct

OTHER COUNTRIES

VEN (	40.0	(1)		Caracas	15 Aug
FIN (Tapola/ Vilen/ Vaukhonen/ Karttunen)	40.0	(2)	v CSR	Praha	18 Sep
HUN (Farkas/ Bátori/ Fügedi/ Mihályfi)	40.2	(5)		Sarajevo	1 Aug
ESP (Marco/ Aguado/ Sanchez Paraiso/ Jones)	40.2	(4)		Zürich	1 Aug
TRN (Mottley/ Archer/ Crawford/ Roberts)	40.3	(1)h1		Edinburgh	25 Jul
SWE (Bergkvist/ Sjöberg/ Johansson/ Faager)	40.3	(6)		Stockholm	29 Aug
BUL (Yantchev/ Terzitski/ Arnaudov/ Zvetkov)	40.4	(2)	Balkan G	Bucuresti	16 Aug
THA (Tongsuke, Ariyamongkul, Chatasanont, Ratanapol)	40.4	(1)h1	Asian G	Bangkok	10 Dec
NGR (	40.5*	(1)	v GHA	Ibadan	24 Apr
GRE (Papageorgopoulos/ Haralambakis/ Viridis/ Nicolaidis)	40.5	(3)	Balkan G	Bucuresti	16 Aug
ROM (Darvas/ Pasula/ Nikifor/ Zamfirescu)	40.5	(4)	Balkan G	Bucuresti	16 Aug
CAN (McGann/ Swainson/ Blackman/ Francis)	40.5*	(2)	v SWE NOR	Victoria	18 Sep
CIV (Meite, Komenan, Aliko, Kone)	40.6	(1)		Abidjan	4 May
PER (Marchinares, Aleman, Martinich, Acevedo)	40.6	(2)	Boliv	Maracaibo	3 Sep
NED (Janssen/ de jongh/ van Boekel/ de Boer)	40.7	(1)		Genf (Gand)	6 Jun
NOR (Hellesylt/ Röst/ Garshol/ Skarstein)	40.7	(4)		Helsinki	1 Aug

AUS (Victoria) (Fanshaw, Holdsworth, Haskell, Norman)	40.7	(1)		Adelaide	21 Mar
SUI (Oegerli/ Molo/ Hölzle/ Clerc)	40.7	(5)		Zürich	1 Aug
JPN (C Miyagawa, M Jinno, K Shimada, H Inomata)	40.7	(2)	Asian G	Bangkok	10 Dec
Departament Valle (COL) (	40.7	(1)	NCh	Ibaque	11 Dec
PUR (Montalvo/ Lopez/ Vizcarrondo/ Bristol)	40.8	(3)	CAC G	Ciudad de Panamá	8 Mar
IND (Thomas, Ramaswamy, Powell, Tawade)	40.9	(3)	Asian G	Bangkok	10 Dec

AUTOMATIC TIMING

JAM (Stewart, Miller, Lawson, Quarrie)	39.46	(1)	Comm G	Edinburgh	25 Jul
GDR (Bombach, Schenke, Beckanam, Eggers)	39.54	(1)	v GBR	London	10 Jul
GBR (I.Green, Reynolds, Dear, R.Jones)	39.58	(2)	v GDR	London	10 Jul
Bayer Leverkusen (FRG) (Nickel, Knobloch, Ommer, Eigenherr)	39.74	(1)	NCh	Berlin	9 Aug
GHA (Ahey, Addy, Owusu, Daniels)	39.82	(2)	Comm G	Edinburgh	25 Jul
JAM (Stewart, Miller, Lawson, Quarrie)	40.01	(1)h2	Comm G	Edinburgh	25 Jul
ENGLAND (Green, Reynolds, Dear, B Green)	40.05	(3)	Comm G	Edinburgh	25 Jul
SCO (Turnbull, Piggot, Bell, Halliday)	40.09	(4)	Comm G	Edinburgh	25 Jul
GHA (Ahey, Addy, Okir, Daniels)	40.11	(2)h2	Comm G	Edinburgh	25 Jul
Bayer Leverkusen (FRG) (Nickel, Knobloch, Ommer, Eigenherr)	40.22	(1)s3	NCh	Berlin	8 Aug
TSV München (FRG) (Geiger, Stöckel, Wucherer, Schwarz)	40.19	(1)s2	NCh	Berlin	8 Aug
WAL (T Davies, L Davies, J Williams, H Davies)	40.23	(5)	Comm G	Edinburgh	25 Jul
TRN	40.34	(1)h1	Comm G	Edinburgh	25 Jul

(Mottley, Archer, Crawford, Roberts)					
TRI	40.37	(6)	Comm G	Edinburgh	25 Jul
(Mottley, Archer, Crawford, Roberts)					
ENGLAND	40.51	(2)h1	Comm G	Edinburgh	25 Jul
(Green, Reynolds, Dear, B Green)					
WAL	40.55	(3)h2	Comm G	Edinburgh	25 Jul
(T Davies, L Davies, J Williams, H Davies)					
SCO	40.58	(4)h2	Comm G	Edinburgh	25 Jul
(Turnbull, Piggot, Bell, Halliday)					
NIG	40.92	(3)h1	Comm G	Edinburgh	25 Jul
(Oyebami, Ojo, Majekodunmi, Abdulai)					
NIG	40.98	(7)	Comm G	Edinburgh	25 Jul
(Oyebami, Ojo, Majekodunmi, Abdulai)					

4x400 RELAY * 4x440 yards less 1.1 sec.

USA	3:03.3	(1)	WUG	Torino	6 Sep	
(Ulan, Colglazier, T.Turner, James)						
KEN	3:03.6	(1)	Comm G	Edinburgh	25 Jul	3:03.63
(Nyamau 47.5, J.Sang 46.0, Ouko 45.5, Asati 44.6)						
USA	3:03.8	(1)	v FRG	Stuttgart	16 Jul	
(C.Mills 45.9, J.Smith 46.0, Newhouse 46.2, Collett 45.7)						
KEN	A 3:04.0	(1)		Nairobi	27 Jun	
(Nyamau, Ouko, J.Sang, Asati)						
USA	3:04.1	(1)	v FRA	Colombes	9 Jul	
(C.Mills 46.7, J.Smith 45.8, Collett 46.0, Newhouse 45.6)						
URS	3:04.2	(2)	WUG	Torino	6 Sep	
(Borisenko, Zorin, Savchuk, Bratchikov)						
FRA	3:04.4	(1)	EP/Sf	Zürich	2 Aug	3:04.34
(Paoli 46.9, Nicolau 46.9, Bertould 45.9, Carette 45.7)						
FRA	3:04.4	(3)	WUG	Torino	6 Sep	
(Viel, Nicolau, Bertould, Carette)						
USA	3:04.6	(1)	v URS	Leningrad	24 Jul	
(C.Mills 46.0, Newhouse 46.0, Collett 45.3, J.Smith 46.3)						
POL	3:04.6	(1)	v GDR URS	Erfurt	27 Sep	
(Korycki, Borowski, Balachowski, Badenski)						
(10)						
SC Striders (USA)	3:04.7*	(1)	Comp	Los Angeles	6 Jun	
(Ward 47.3y, Mason 45.8y, Elbel 45.7y, Van Hofwegen 46.0y)						

Bayer 04 Leverkusen (FRG) (Jellinghaus, Rossmeissl, Reich, Jordan)	3:04.8	(1)	NCh	Berlin	9 Aug	
URS (Borisenko, Zorin, Savchuk, Bratchikov)	3:04.9	(2)	EP/Sf	Zürich	2 Aug	
UCLA (USA) (Bob Langston 48.2y, John Smith 45.6y, Brad Lyman 47.5y, Wayne Collett 44.8y)	3:05.0*	(1)	NCAA	Des Moines	20 Jun	
KEN (Nyamau 47.7, J.Sang 45.8, Ouko 46.3, Asati 45.3)	3:05.1	(1)h1	Comm G	Edinburgh	24 Jul	
POL (Werner, Borowski, Balachowski, Badenski)	3:05.1	(1)	EP	Stockholm	30 Aug	
URS (Borisenko, Zorin, Savchuk, Bratchikov)	3:05.2	(2)	v GDR POL	Erfurt	27 Sep	
GBR (Aukett 47.1, Reynolds 46.2, Hemery 46.0, Winbolt-Lewis 46.0)	3:05.3	(4)	WUG	Torino	6 Sep	
TRN (Wong Shing 47.4, Cayenne 47.4, Bernard 45.2, Roberts 45.4)	3:05.4	(2)	Comm G	Edinburgh	25 Jul	3:05.49
Rice (USA) (Dennis Dicke 46.8y, Steve Straub 48.5y, Chip Grandjean 46.1y, Bill Askey 45.2y)	3:05.5*	(1)	Drake R	Des Moines	25 Apr	
(20)						
England (Bilham 47.5, Walters 46.3, Hauck 46.2, Sherwood 45.5)	3:05.5	(3)	Comm G	Edinburgh	25 Jul	3:05.53
DDR (Gutschmidt, Scheibe, Zerbes, Muller)	3:05.5	(3)	v POL URS	Erfurt	27 Sep	
SC Striders (USA) (Ward 47.3y, Elbel 46.2y, White 47.3y, Van Hofwegen 45.4y)	3:05.6*	(1)	Cal R	Modesto	23 May	
Rice (USA) (Dicke, Straub, Grandjean, Askey)	3:05.6*	(2)	Comp	Los Angeles	6 Jun	
Prairie View A.M. (USA) (Minor 48.0y, Austin 47.4y, Dotson 46.2y, Newhouse 45.4y)	3:05.9*	(1)		Pasadena	29 May	
POL (Korycki, Borowski, Balachowski, Werner)	3:05.9	(1)	v CSR HUN	Warszawa	28 Jun	
Abilene Christian College (USA) (Wooddroof, Overly, Fry, Colglazier 45.3y)	3:06.0*	(2)	Drake R	Des Moines	25 Apr	
UCLA (USA) (Echols 47.7y, Williams 47.5y, Lyman 46.7y, Collett 45.2y)	3:06.0*	(1)	Pac 8	West Los Angeles	16 May	
POL (Werner, Borowski, Balachowski, Badenski)	3:06.0	(1)	v ITA	Siracusa	5 Jul	
UCLA (USA) (Langstrom 47.9y, Smith 46.1y, Lyman 47.6y, Collett 45.6y)	3:06.1*	(1)h1	NCAA	Des Moines	19 Jun	

Prairie View A.M. (USA) (Minor, Dotson, Austin, Newhouse)	3:06.1*	(1)		Houston	23 May	
JAM (Priestley 47.3, Samuels 46.5, Dyce 46.6, Forbes 45.7)	3:06.1	(2)h1	Comm G	Edinburgh	24 Jul	
Rice (USA) (Dicke, Straub, Grandjean, Askey)	3:06.2*	(2)	Cal R	Modesto	23 May	
Villanova (USA) (Govan 48.3y, H Davies 46.6y, Hyman 46.5y, L James 45.9y)	3:06.2*	(2)h1	NCAA	Des Moines	19 Jun	
Arkansas AM.N (USA) (Smith, Smothers, Myton, Goldman)	3:06.3*	(1)	SWAC	Houston	9 May	
SC Striders (USA) (Jim Ward 46.9y, RonWhitney 47.0y , Jau Elbel 46.9y, Len van Hofwegen 46.6y)	3:06.3*	(1)	Kenn	Berkeley	30 May	
URS (Borisenko, Zorin, Savchuk, Bratchikov)	3:06.3	(2)	EP	Stockholm	30 Aug	
FRG (Götz, Moser, Rossmeissl, Jellinghaus)	3:06.3	(5)	WUG	Torino	6 Sep	
CUB (Olivera, Garcia, Diaz, Alvarez)	3:06.4	(1)	CAC G	Ciudad de Panamá	8 Mar	
FRG (Schlöske, Köhler, Rossmeissl, Jordan)	3:06.4	(2)	v FRG	Stuttgart	16 Jul	
(40)						
CAN (Gordon 47.3, Barton 47.0, Chapman 45.8, Powell 46.3)	3:06.4	(4)	Comm G	Edinburgh	25 Jul	3:06.43
JAM (Priestley 47.4, Samuels 46.0, Dyce 45.0, Forbes 46.4)	3:06.4	(5)	Comm G	Edinburgh	25 Jul	3:06.44
GBR (Hauck, Campbell, Walters, Sherwood)	3:06.4	(3)	EP/Sf	Zürich	2 Aug	
FRG (Götz, Köhler, Moser, Hubner)	3:06.4	(1)	EP/Sf	Sarajevo	2 Aug	
POL (Miros, Korycki, Balachowski, Badenski)	3:06.4	(1)	v GBR	Warszawa	13 Sep	
Sports International (Fitzpatrick, Young, Collins, Roberts)	3:06.5*	(1)	Dog R	Knoxville	18 Apr	
Prairie View A.M. (USA) (Spencer, Dotson, Austin, Newhouse)	3:06.5*	(2)	SWAC	Houston	9 May	
Rice (USA) (Dicke 48.1y, Straub 47.0y, Grandjean 46.4y, Askey 46.1y)	3:06.5*	(1)	USTFF	Wichita	13 Jun	
Abilene Christian College (USA) (Woodroof 47.4y, Overly 47.8y, Fry 46.5y, Golglazier 45.9y)	3:06.5*	(3)h1	NCAA	Des Moines	19 Jun	
Rice (USA)	3:06.5*	(2)	NCAA	Des Moines	20 Jun	

(Dennis Dicke 48.1y, Steve Straub 47.0y, Chip Grandjean 46.4y, Bill Askey 46.1y)

(50)

Tennessee (USA)	3:06.6*	(2)	USTFF	Wichita	13 Jun
(
Adelphi (USA)	3:06.6*	(4)h1	NCAA	Des Moines	19 Jun
(B.McPherson 48.5y, D. Walker 46.4y, Prat 47.3y, C.McPherson 45.5y)					
Tennessee (USA)	3:06.6*	(1)h2	NCAA	Des Moines	19 Jun
(Marjenhoff 47.9y, A Henderson 46.9y, Hardy 46.3y, McAlhaney 46.6y)					
Murray State (USA)	3:06.7*	(3)	USTFF	Wichita	13 Jun
(
Rice (USA)	3:06.7*	(2)h2	NCAA	Des Moines	19 Jun
(Grandjean 47.3y, Dicke 47.5y, Straub 46.5y, Askey 46.5y)					
Tennessee (USA)	3:06.7*	(3)	NCAA	Des Moines	20 Jun
(Fred Marjenhoff 48.0y, Abe Henderson 47.0y, Audrey Hardy 46.4y, Hardee McAlhaney 46.4y)					
CSR	3:06.7	(2)	EP/Sf	Sarajevo	2 Aug
(Soch, Ryba, Plachý, Jungwirth)					
Villanova (USA)	3:06.8*	(1)	Penn R	Philadelphia	25 Apr
(H Davies 47.3y, Govan 47.4y, Hyman 47.2y, L James 46.0y)					
Oregon (USA)	3:06.8*	(3)h2	NCAA	Des Moines	19 Jun
(Buford 48.0y, Chapman 46.6y, Vance 46.1y, Hearvey 47.2y)					
Murray State (USA)	3:06.8*	(4)h2	NCAA	Des Moines	19 Jun
(R Smith 48.7y, McGinnis 46.9y, A Samuels 47.3y, Turner 45.9y)					
(60)					
VfB Stuttgart (FRG)	3:06.8	(2)	NCh	Berlin	9 Aug
(Strobhacker, Müller, Moser, Hübner)					
Sports International	3:06.9*	(2)	Penn R	Philadelphia	25 Apr
(Freeman II, Collins, Young, Roberts)					
Nebraska (USA)	3:06.9*	(3)	Drake R	Des Moines	25 Apr
(Pierce, Mottley, Priestly, Case)					
Tennessee (USA)	3:06.9*	(2)	Kenn	Berkeley	30 May
(Craig, A Henderson, Hardy, McAlhaney)					
Adelphi (USA)	3:06.9*	(1)	NCAA II	St.Paul	13 Jun
(Bill McPherson 48.4y, Dennis Walker 46.1y, Kit Pratt 47.7y, C.McPherson 45.8y)					
Houston (USA)	3:07.0*	(5)h2	NCAA	Des Moines	19 Jun
(Marvin Mayes 47.8y, Robert Wagner 47.3y, Louis Vicenik 46.3y, Robert Mitchell 46.7y)					
Oregon (USA)	3:07.0*	(4)	NCAA	Des Moines	20 Jun
(Buford, Chapman, Vance, Hearvey)					
POL	3:07.0	(1)	EP/Sf	Helsinki	2 Aug
(Balachowski, Borowski, Werner, Badenski)					
Oregon (USA)	3:07.1*	(2)	Pac 8	West Los Angeles	16 May

(Buford 48.2y, Chapman 47.5y, Vance 46.2y, Hearvey 46.3y) Villanova (USA) (Davis, Govan, Hyman, James) (70)	3:07.1*	(3)	Cal R	Modesto	23 May
Rice (USA) (Dicke, Grandjean, Straub 45.6y, Haskey 45.5y)	3:07.1*	(3)	Kenn	Berkeley	30 May
GDR (Friedrich, Scheibe, Zerbes, Müller)	3:07.1	(3)	EP	Stockholm	30 Aug
FIN (Salin 46.5, Kotikoski 47.9, Karttunen 46.8, Kukkoaho 45.9)	3:07.1	(1)	v CSR	Praha	19 Sep
Texas A.M. (USA) (McMahon, Blackmon, M.Mills, C.Mills)	3:07.2*	(1)	King	Villanova	16 May
U.S. Army (USA) (Adkins, Frey, Stinson, R Johnson)	3:07.2*	(4)	Kenn	Berkeley	30 May
ESP (Pellica, Sarria, Rivas, Magarinos)	3:07.2	(1)	v ITA	Madrid	31 May
Texas A.M. (USA) (Kellar, McMahon, M.Mills, C.Mills)	3:07.3*	(1)	Tex R	Austin	4 Apr
Tennessee (USA) (Marienhoff, Henderson, Hardy, McAlhaney)	3:07.3*	(2)	Dog R	Knoxville	18 Apr
Abilene Christian College (USA) (Woodroof, Overly, Fry, Colglazier)	3:07.3*	(1)h	Drake R	Des Moines	24 Apr
Villanova (USA) (Davis, Govan, Hyman, James) (80)	3:07.3*	(2)	King	Villanova	16 May
ITA (Puosi, Trachelio, Fusi, Bello)	3:07.4	(2)	v ITA	Madrid	31 May
Abilene Christian College (USA) (Bob Woodroof 47.7y, Bill Overly 48.0y, Mark Fry 47.2y, Roger Colglazier 45.6y)	3:07.4*	(5)	NCAA	Des Moines	20 Jun
Murray State (USA) (Randy Smith 48.6y, LeRoy McGinnis 47.4y, Ashman Samuels 47.1y, Tommie Turner 45.8y)	3:07.4*	(6)	NCAA	Des Moines	20 Jun
Nebraska (USA) (Pierce, Priestley, Mottley, Case)	3:07.5*	(1)	Big 8	Lawrence	16 May
Houston (USA) (Mayes, Wagner, Vicenik 46.0y, R Mitchell)	3:07.5*	(2)	SWAC	Houston	23 May
UCLA (USA) (Langston, Lyman, Echols, Smith)	3:07.5*	(3)	Comp	Los Angeles	6 Jun
Houston (USA) (	3:07.5*	(4)	USTFF	Wichita	13 Jun
USA	3:07.5	(1)	CISM	Viareggio	13 Jun

(Frey, Johnson, Adkins, Shinson)					
Texas (USA)	3:07.5*	(6)h2	NCAA	Des Moines	19 Jun
(Mike Ryan 48.0y, Byrd Baggett 47.6y, Stan McDaniel 46.6y, Dave Morton 45.4y)					

OTHER COUNTRIES

HUN	3:07.6	(3)		Sarajevo	2 Aug
(Bátori, Zsinka, Fügedi, Rózsa)					
MEX	3:07.8	(2)	CAC G	Ciudad de Panamá	08 Mar
(Pina, Reyes, Sardo, Sanchez)					
NGR	3:07.9	(4)h1		Edinburgh	24 Jul
(Makama 47.5, Agbamu 47.2, Egwunyenga 47.3, Dogon-Yaro 45.9)					
VEN	3:08.0	(1)	Boliv	Maracaibo	3 Sep
(Guerra, Maldonado, Sarmiento, Dome)					
NED	3:08.4	(1)	EP/Sf	Barcelona	21 Jun
(Franssen, Moser, van Herpen, van der Heuvel)					
YUG	3:08.4	(1)	Balkan G	Bucuresti	16 Aug
(Alebic, Medjimurec, Karasi, Kocuvan)					
SUI	3:08.7	(5)		Zürich	2 Aug
(Hauswirth, Beiner, Diezi, Wiedmer)					
PER	3:08.7	(2)	Boliv	Maracaibo	2 Sep
(Aleman, Deza, Siguas, Acevedo)					
COL	3:08.8	(3)	Boliv	Maracaibo	3 Sep
(Sierra, Obregon, Palacios, Grajales)					
PUR	3:09.0	(3)	CAC G	Ciudad de Panamá	8 Mar
(Fernandez, Morell, Garay, Santanella)					
SCO	3:09.0	(6)	Comm G	Edinburgh	25 Jul
(Wood 48.1, Walker 47.4, Maclean 47.8, Tamor 45.7)					
ROM	3:09.5	(2)	EP/Sf	Barcelona	21 Jun
(Razoi, Puiu, Gedeon, Zamfirescu)					
UGA	A 3:09.8	(1)		Kampala	13 Jun
(Obboth, Okidi, Dralu, Koskei)					
AUS (Queensland)	3:10.0	(1)		Adelaide	22 Mar
(Burguez, Giles, Evans, Wilson)					
GRE	3:10.0	(2)	Balkan G	Bucuresti	16 Aug
(Tziortzis, Tombaidis, Gasparinatos, Dimitriou)					
JPN	3:10.0	(1)	Asian G	Bangkok	15 Dec
(H Waku, K Shimada, H Inomata, Y Tomonaga)					
BUL	3:10.1	(3)	Balkan G	Bucuresti	16 Aug
(Yanev, Kristov, Bashkov, Yordanov)					

SWE (Torstensson, Fredriksson, Svedmyr, Faager)	3:09.5*	(1)	v CAN NOR	Victoria	19 Sep
NOR (Mo, Høegh, Rom, Simonsen)	3:10.6*	(2)	v SWE CAN	Victoria	19 Sep
IND (	3:11.6	(1)	Asian G	Patiala	16 Oct
BEL (Vandenwyjngaerden, Bervoets, van der Cam, Smeyers)	3:12.0	(2)	v NED	Genf (Gand)	7 Jun
ETH (Belaye, Worku, Tedesse, Mohamed)	A 3:12.0	(3)	E Afr Ch	Nairobi	29 Aug
AUT (Weinhandl, Haid, Sammt, Wolf)	3:12.9	(3)		Wien	21 Jun
MAS (Osman, Jayabalan, Krishnan, Victor)	3:13.0	(3)	Asian G	Bangkok	15 Dec
RHO (	2:12.2	(3)		Welkom	3 May
IRE (Dooley, Riordan, O'Muircheartaigh, McSweeney)	3:13.3	(1)		Reykjavik	7 Jul

WALK - 20 KILOMETRES ROAD (t : made on track)

Peter Frenkel	GDR	13 May 39	182/76	t 1h25:50.0	(1)	NCh	Erfurt	4 Jul
Hans-Georg Reimann	GDR	24 Aug 41	180/65	t 1h26:07.8	(2)	NCh	Erfurt	4 Jul
Reimann				1h26:54.6	(1)	Lugano	Eschborn	10 Oct
Gerhard Sperling	GDR	25 Nov 37	187/75	t 1h27:04.4	(3)	NCh	Erfurt	4 Jul
Vladimir Golubnichiy	URS	02 Jun 36	178/77	1h27:21.4	(2)	Lugano	Eschborn	10 Oct
Frenkel				t 1h27:22.6	(1)		Potsdam	14 Jun
Gennadiy Agapov	URS	12 May 33	182/74	1h27:30.2	(1)	v GDR	Naumburg	12 Jul
Georgs Gutpelcs	URS	20 Dec 36		1h27:31.2	(1)		Riga	11 Oct
Frenkel				1h27:32.8	(3)	Lugano	Eschborn	10 Oct
Reimann				1h28:05.2	(1)	v SWE	Naumburg	14 Jun
Frenkel				1h28:08.6	(2)	v URS	Naumburg	12 Jul
Nikolay Smaga	URS	22 Aug 38	180/72	1h28:08.6	(4)	Lugano	Eschborn	10 Oct
Siegfried Zschiegner	GDR	09 Aug 47	178/64	t 1h28:13.6	(4)	NCh	Erfurt	4 Jul
Agapov				1h28:24.8	(5)	Lugano	Eschborn	10 Oct
Frenkel				1h28:26.0	(1)		Bucuresti	24 May
Reimann				1h28:26.0	(2)		Bucuresti	24 May
Frenkel				1h28:34.0	(1)		Berlin Trepow	10 May
Golubnichiy				1h28:34.4	(1)	v USA	Leningrad	23 Jul
Smaga				1h28:34.4	(2)	v USA	Leningrad	23 Jul

Sperling				1h28:47.6	(6)	Lugano	Eschborn	10 Oct
Zirgurds Irbe	URS	24 Jan 36		1h28:53.0	(2)		Riga	11 Oct
Sperling				1h28:55.4	(2)	v SWE	Naumburg	14 Jun
Otto Bartsch	URS	20 Dec 43	180/73	1h29:00.2	(1)		Frunze	16 Aug
Wilfried Wesch	FRG	07 Jul 40	174/62	1h29:02.0	(1)	Metro WC	London	4 Apr
Agapov				t 1h29:07.2	(1)	Army Ch	Lvov	21 Oct
Agapov				t 1h29:09.0	(1)		Simferopol	6 Apr
Juraj Bencík	CSR	15 Feb 45	171/60	1h29:11.8	(1)		Povazská Bystrica	26 Jul
Vladimir Shaloshik	URS	18 Jan 44		t 1h29:13.0	(2)		Simferopol	6 Apr
Reimann				1h29:13.8	(2)		Berlin Trepow	10 May
Alexander Bílek	CSR	20 Jan 41	178/67	1h29:14.8	(1)	NCh	Ostrava	12 Sep
Frenkel				1h29:17.2	(1)		Koningswusterhause	27 Sep
Peter Selzer	GDR	25 Jun 46	178/64	1h29:22.4	(1)		Druskininkai	25 May
Zschiegner				1h29:29.0	(3)		Bucuresti	24 May
Vasilii Bochan	URS	02 Jan 49		t 1h29:36.0	(3)		Simferopol	6 Apr
Osvalds Dalke	URS	18 Mar 38	175/63	1h29:36.0	(3)		Riga	11 Oct
Stanislav Shapechko	URS	24 Apr 45		t 1h29:37.0	(4)		Simferopol	6 Apr
Boris Yakovlev	URS	16 Jul 45	173/63	1h29:37.0	(3)	v USA	Leningrad	23 Jul
Bochan				1h29:38.8	(2)		Druskininkai	25 May
Bencik				1h29:47.0	(1)		Straz pod Ralskem	5 Jul

(39 performances)

David Romansky	USA	08 Apr 38	188/76	1h29:59.0	(4)	v URS	Leningrad	23 Jul
	(20)							
Christoph Höhne	GDR	12 Jan 41	171/62	1h30:04.2	(3)		Vilnius	25 May
Algis Sakalis	URS	01 Dec 42		1h30:04.4	(1)		Vilnius	22 Jul
Viktor Vavilov	URS	37		t 1h30:07.0	(1)		Nalchik	6 Apr
Noel Freeman	AUS	24 Dec 38	173/67	1h30:10.0	(1)		Melbourne	30 May
Jaan Pildmaa	URS	08 Jan 41		t 1h30:16.8	(4)	Army Ch	Lvov	21 Oct
Vladimir Svechnikov	URS	11 Jun 45	170/64	t 1h30:31.4	(1)		Moskva	24 May
Peter Fullager	GBR	19 Apr 43	170/63	1h30:35.0	(2)		London	4 Apr
Bernhard Nermerich	FRG	11 Mar 39	180/59	1h30:36.0	(1)	A Schweitzer	Frankfurt	10 May
Leonid Vilgota	URS	14 Jan 49		1h30:37.6	(1)		Lvov	4 Oct
Vytautas Zurnia	URS	04 Jul 41		1h30:43.8	(4)		Druskininkai	25 May
	(30)							
Aleksandr Basylenko	URS	08 Mar 38		1h30:46.8	(1)		Gomel	20 Jun
Evzen Zedník	CSR	12 Jan 50	190/78	1h30:47.8	(2)	NCh	Ostrava	12 Sep
Andor Antal	HUN	22 Jan 44	176/64	t 1h30:48.6	(1)		Budapest	18 Jul
Tom Dooley	USA	09 Dec 45	178/66	1h30:50.0	(9)	Lugano	Eschborn	10 Oct

Paul Nihill	GBR	05 Sep 39	180/66	1h30:55.0	(1)		Sotteville-lès-Rou	28 Aug
Aivars Rumbenieks	URS	05 May 51		1h30:56.0	(4)		Riga	11 Oct
Vladimír Parizek	CSR	08 May 45	179/63	1h30:58.0	(2)		Povazská Bystrica	26 Jul
Gennadiy Sisoyev	URS	17 Nov 38		1h31:00.0	(1)		Leningrad	14 Jun
Ron Wallwork	GBR	26 May 41	184/77	1h31:01.0	(3)		London	4 Apr
Vasile Ilie	ROU	27 Jul 45		1h31:04.0	(4)		Bucuresti	24 May
(40)								
Burkhard Leuschke	GDR	27 Apr 40	183/63	1h31:04.0	(5)		Druskininkai	25 May
Yuriy Andryushchenko	URS	21 Oct 45	176/71	t 1h31:05.0	(6)		Simferopol	6 Apr
Peter Schuster	GDR	24 Apr 51	168/54	1h31:05.0	(1)	J Mayer Cup	Zürich	3 May
Yevgeniy Lyungin	URS	08 Aug 38	186/72	t 1h31:07.2	(2)		Moskva	24 May
Andris Pallo	URS	11 May 46		1h31:08.0	(5)		Riga	11 Oct
Karlis Apoljais	URS	04 Feb 42		1h31:10.4	(1)		Chabarovsk	Oct
Viktor Kulakov	URS	40		1h31:11.8	(1)		Novosibirsk	28 Jun
Viktor Demyanov	URS	03 Jan 42		1h31:13.2	(2)		Nalchik	30 Oct
Olav Laiv	URS	26 Feb 48		1h31:15.0	(1)		Yalta	23 Oct
Vasiliy Kolodochka	URS	31 Jan 42		1h31:18.6	(1)		Alushta	30 Oct
(50)								
Julijs Gorbunovs	URS	18 Dec 30		1h31:22.4	(2)		Riga	29 Jul
Teruhiko Asano	JPN	10 Nov 41		1h31:24	()		Tokyo	01 Jan
Igor Della-Rossa	URS	25 Apr 39	172/63	1h31:26.2	(1)		Krasnodar	18 Oct
Gerd Schuth	FRG	13 Jun 40		1h31:28.0	(1)	West FRG Ch	Dortmund	6 Sep
Aleksandr Shcherbina	URS	25 Jan 31	177/22	1h31:30.4	(1)		Tbilisi	2 Aug
Antal Kiss	HUN	30 Dec 35	178/63	t 1h31:37.4	(1)		Budapest	23 Oct
Yevgeniy Ivchenko	URS	27 Jun 38		t 1h31:37.6	(1)		Leselidze	1 Apr
Nikolay Ragilevich	URS	04 Aug 38		1h31:38.0	(2)		Kyiv	13 Aug
Stefan Ingvarsson	SWE	14 Dec 46	179/61	1h31:38.4	(2)	Lugano SF	Odense	16 Aug
Vladimir Rezayev	URS	04 Jan 50		t 1h31:39.0	(2)		Nalchik	6 Apr
(60)								
Aivars Zviedris	URS	24 Sep 44		1h31:43.0	(6)		Riga	11 Oct
German Gamov	URS	41		1h31:43.8	(1)		Kishinyov	29 Sep
Stefan Tsoukhev	BUL	26 Apr 47	176/64	t 1h31:44.0	(1)		Sofia	
Phil Embleton	GBR	28 Dec 48	185/70	1h31:47	(2)		London	25 Jul
Viktor Tsaryov	URS	23 Aug 35		1h31:48.6	(1)		Dnepropetrovsk	14 Oct
Kestutis Pavilionis	URS	22 Apr 46		1h31:49.4	(4)		Kyiv	13 Aug
William Sutherland	GBR	06 Apr 45	185/73	1h31:50.0	(4)		London	4 Apr
Josef Macek	CSR	31 Jan 49	178/73	1h31:51.4	(3)		Ostrava	12 Sep
Anatoliy Penyok	URS	02 Aug 42		1h31:55.8	(2)		Dnepropetrovsk	14 Oct
Nicolae Maxim	ROU	16 Nov 47	180/67	1h31:58.0	(7)		Bucuresti	24 May

(70)

Stanimir Stoykov	BUL	01 Jun 36		1h31:59.0	(8)		Bucuresti	24 May
Juris Grisulis	URS	30 Sep 48		1h32:01.0	(7)		Riga	11 Oct
Leonid Kokarev	URS	12 Aug 40		1h32:01.0	(3)		Nalchik	30 Oct
Aleksandr Beryozin	URS	17 Sep 37		1h32:02.2	(1)		Leningrad	18 Sep
Aleksey Shudin	URS	01 Aug 37		1h32:05.0	(4)		Nalchik	30 Oct
Steve Hayden	USA	11 Jun 44		t 1h32:06.0	(2)		Greenvale (New Yor	15 Mar
Valeriy Nefedov	URS	20 Jul 47		t 1h32:07.0	(7)		Simferopol	6 Apr
Robert Gardiner	AUS	22 Mar 36	170/63	1h32:07.0	(2)		Melbourne	27 Jun
Yevgeniy Yevsyukov	URS	02 Jan 50		1h32:09	(1)		Omsk	9 May
Roger Mills	GBR	11 Feb 48	182/74	1h32:17	(5)		London	4 Apr
(80)								
Armando Zambaldo	ITA	23 Oct 43	174/68	1h32:20	(9)		Bucuresti	24 May
Gennadiy Ivanov	URS		41	1h32:20.4	(5)		Frasino	12 Sep
Karl-Heinz Stadtmüller	GDR	30 Jan 53	185/78	1h32:22.6	(1)		Berlin	23 Jul
Sergey Bondarenko	URS	21 Jun 36		t 1h32:26.2	(3)		Moskva	24 May
Ivan Gergenreider	URS	14 Jan 45		1h32:27	(1)		Pyatigorsk	20 Jun
Vladimir Marsenyuk	URS		40	1h32:29	(2)		Jalta	22 Oct
Aleksey Troitskiy	URS	26 Jan 47		1h32:30	(5)		Kyiv	13 Aug
Pasquale Busca	ITA	16 Oct 48	183/68	1h32:31	(12)	Lugano	Eschborn	10 Oct
Fatich Iskanderov	URS	19 Feb 50		1h32:31.4	(6)		Kyiv	13 Aug
János Dalmati	HUN	26 Feb 42	174/63	t 1h32:32.0	(1)		Budapest	7 Sep
(90)								
John Webb	GBR	21 Dec 36	182/63	1h32:33	(6)		London	4 Apr
Sergey Grigoryev	URS	07 Oct 37	180/70	1h32:34.6	(2)		Tula	10 Oct
Gennadiy Onofriychuk	URS	03 Aug 40		1h32:39	(3)		Stavropol	6 Apr
Gerhard Weidner	FRG	15 Mar 33	170/70	1h32:41	(1)		Hannover	23 May
Eduardo Quirino	ITA	30 Oct 49	178/69	1h32:42	(13)	Lugano	Eschborn	10 Oct
Vincas Franckaitis	URS		43	1h32:44	(2)		Vilnius	22 Jul
Viktor Kuchma	URS	08 Nov 44		t 1h32:45.0	(4)		Nalchik	6 Apr
Antanas Musnackas	URS	14 Oct 42		1h32:46	(9)		Druskininkai	25 May
Nikolay Zubenko	URS		46	t 1h32:47.0	(10)		Simferopol	6 Apr
Aleksey Danilkin	URS		46	1h32:50	(1)		Krasnodar	29 Jul
(100)								
Herbert Meier	FRG	08 Feb 34	182/65	1h32:50	(1)	Bavatia Ch	Kaufbeuren	5 Sep
Ants Palmar	URS	23 Jul 42		t 1h32:53.6	(1)		Tallinn	14 Aug
(102 performers)								

Printing error

Andrzej Czaplinski	POL	18 Aug 41	166/60	1h31:00	(1)	NCh	Warszawa	8 Aug
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WALK - 50 KILOMETRES ROAD (t : made on track)

Osvalds Dalke	URS	18 Mar	38	175/63	4h04:35.0	(1)		Yerevan	15 Nov
Christoph Höhne	GDR	12 Jan	41	171/62	4h04:35.2	(1)	Lugano	Eschborn	11 Oct
Hohne					4h06:00.2	(1)	NCh	Leegebruch	29 Aug
Hohne					4h06:10.8	(1)		Praha-Podebradý	2 Aug
Yuriy Milko	URS		40		4h06:21.0	(2)		Yerevan	15 Nov
Peter Schuster	GDR	24 Apr	51	168/54	4h06:28.6	(1)	NCh	Eschborn	19 Jul
Zirgurds Irbe	URS	24 Jan	36		4h06:41.0	(3)		Yerevan	15 Nov
Venyamin Soldatenko	URS	04 Jan	39	175/63	4h06:56.6	(1)	v GDR	Naumburg	12 Jul
Burkhard Leuschke	GDR	27 Apr	40	183/63	4h07:48.4	(2)	NCh	Leegebruch	29 Aug
Peter Selzer	GDR	25 Jun	46	178/64	4h07:49.4	(2)	v URS	Naumburg	12 Jul
Herbert Meier	FRG	08 Feb	34	182/65	4h08:35.2	(2)	NCh	Eschborn	19 Jul
Gerhard Weidner	FRG	15 Mar	33	170/70	4h08:56.8	(1)		Salzgitter	2 May
Antal Kiss	HUN	30 Dec	35	178/63	4h09:02.0	(1)		Budapest	1 Nov
Bernhard Nermerich	FRG	11 Mar	39	180/59	4h09:10.2	(3)	NCh	Eschborn	19 Jul
Soldatenko					4h09:26.0	(1)	NCh	Frasino	12 Sep
Otto Bartsch	URS	20 Dec	43	180/73	4h09:29.0	(2)	NCh	Frasino	12 Sep
Soldatenko					4h09:52.0	(2)	Lugano	Eschborn	11 Oct
Soldatenko					4h09:59.6	(2)		Praha-Podebradý	2 Aug
Selzer					4h10:00.6	(3)	NCh	Leegebruch	29 Aug
Horst-Rüdiger Magnor	FRG	23 Feb	42	183/71	4h10:26.2	(4)	NCh	Eschborn	19 Jul
Selzer					4h10:51.2	(3)		Praha-Podebradý	2 Aug
Winfried Skotnicki	GDR	11 Jun	43	178/67	4h10:53.4	(4)	NCh	Leegebruch	29 Aug
Leuschke					4h11:10.0	(3)	Lugano	Eschborn	11 Oct
Leuschke					4h11:13.8	(3)	v URS	Naumburg	12 Jul
Selzer					4h11:17.4	(4)	Lugano	Eschborn	11 Oct
Selzer					4h12:43.6	(1)		Naumburg	14 Jun
Yevgeniy Lyungin	URS	08 Aug	38	186/72	4h13:01.0	(3)	NCh	Frasino	12 Sep
Wilfried Wesch	FRG	07 Jul	40	174/62	4h13:21.4	(5)	NCh	Eschborn	19 Jul
Skotnicki					4h13:32.8	(5)	Lugano	Eschborn	11 Oct
Bartsch					4h13:40.0	(4)	v GDR	Naumburg	12 Jul
Vladimir Svechnikov	URS	11 Jun	45	170/64	4h14:03.0	(1)	Army Ch	Lvov	23 Oct
Anatoliy Penyok	URS	02 Aug	42		4h14:32.0	(4)	NCh	Frasino	12 Sep
Lyungin					4h14:49.2	(6)	Lugano	Eschborn	11 Oct
Yuriy Andryushchenko	URS	21 Oct	45	176/71	4h15:10.0	(2)	Army Ch	Lvov	23 Oct
Hohne					4h15:15.2	(5)	v URS	Naumburg	12 Jul
David Romansky	USA	08 Apr	38	188/76	t 4h15:24.0	(1)		Point Pleasant	19 Apr

Julijs Gorbunovs	URS	18 Dec 30		4h15:35.0	(4)		Yerevan	15 Nov
Gerd Schuth	FRG	13 Jun 40		4h15:49.8	(2)		Salzgitter	2 May
Meier				4h15:52.0	(7)	Lugano	Eschborn	11 Oct
Sergey Grigoryev	URS	07 Oct 37	180/70	4h15:57.0	(5)	NCh	Frasino	12 Sep
Yuriy Shalnov	URS	03 Oct 46		4h16:17.0	(3)	Army Ch	Lvov	23 Oct
Karlis Apoljais	URS	04 Feb 42		4h16:32.0	(4)	Army Ch	Lvov	23 Oct
Bartsch				4h16:46.8	(8)	Lugano	Eschborn	11 Oct
Skotnicki				4h16:52.2	(2)	v SWE	Naumburg	14 Jun

(44 performances)

Gerhard Sperling	GDR	25 Nov 37	187/75	4h17:33.0	(5)	NCh	Leegebruch	29 Aug
Gunar Pikhovskiy	URS		45	4h17:37.0	(5)	Army Ch	Lvov	23 Oct
Joachim Schlechtweg	GDR	24 Dec 48		4h18:24.0	(1)		Weinböhla	4 Oct
Tore Brustad	NOR	20 Sep 43	190/74	4h18:28.0	(1)	NCh	Oslo	5 Sep

(30)

Örjan Andersson	SWE	01 May 43	176/62	4h19:01.2	(10)	Lugano	Eschborn	11 Oct
Viktor Kulakov	URS		40	4h19:15.0	(7)	NCh	Frasino	12 Sep
Kishan Singh	IND			4h19:46.4	(1)	NCh	Cuttack	18 Jan
Raymond Middleton	GBR	09 Aug 36	190/87	4h19:57.1	(11)	Lugano	Eschborn	11 Oct
Viktor Biryukov	URS	17 Sep 48		4h20:00.0	(6)	Army Ch	Lvov	23 Oct
Gabriel Hernández	MEX	19 Nov 49	174/67	4h20:06.4	(1)		Guadalajara	13 Sep
Kjell Lund	NOR	23 Jan 44	188/73	4h20:10.6	(2)	NCh	Oslo	5 Sep
Bob Dobson	GBR	04 Nov 42	180/66	4h20:22.0	(1)	NCh	East Ewell	15 Aug
Igor Della-Rossa	URS	25 Apr 39	172/63	4h20:23.0	(8)	NCh	Frasino	12 Sep
Anatoliy Prigodskiy	URS	30 Jul 40		4h20:36.0	(7)	Army Ch	Lvov	23 Oct

(40)

Vittorio Visini	ITA	25 May 45	178/64	4h21:02.8	(1)	Lugano SF	Dunaújváros	16 Aug
Edward Allsopp	AUS	15 Aug 26		4h21:05.0	(1)		Melbourne	26 Sep
Alfred Badel	SUI	19 Oct 43	173/61	4h21:17.0	(1)	NCh	Langenthal	30 Aug
Stanimir Stoykov	BUL	01 Jun 36		4h21:27.0	(8)	Army Ch	Lvov	23 Oct
Pablo Colin	MEX	29 Jun 37	174/62	4h21:42.6	(2)		Guadalajara	13 Sep
Bernhard Kannenberg	FRG	20 Aug 42	175/72	4h21:43.8	(13)	Lugano	Eschborn	11 Oct
Kurt Sakowski	GDR	23 Dec 30	185/68	4h22:22.2	(4)		Naumburg	14 Jun
Pascual Ramirez	MEX			4h22:46.4	(3)		Guadalajara	13 Sep
Yevgeniy Ivchenko	URS	27 Jun 38	171/62	4h23:29.0	(10)	NCh	Frasino	12 Sep
Algis Sakalis	URS	01 Dec 42		4h23:35.0	(9)	Army Ch	Lvov	23 Oct

(50)

Shaul Ladany	ISR	02 Apr 36	162/67	4h23:47.0	(1)		Crawley	5 Sep
Nikolay Dvoryaninovich	URS	13 Aug 49		4h23:50.0	(10=)	Army Ch	Lvov	23 Oct

Anatoliy Terentyev	URS	15 Oct 47		4h23:50.0	(10=)	Army Ch	Lvov	23 Oct
Ram Narain Singh	IND			4h24:10.2	(1)		Delhi	6 Nov
János Dalmati	HUN	26 Feb 42	174/63	4h24:10.4	(2)	Lugano SF	Dunaújváros	16 Aug
Mathias Kroel	GDR	07 Feb 50	178/72	4h24:15.4	(2)		Weinböhla	4 Oct
Charles Sowa	LUX	15 Apr 33	168/65	4h24:21.0	(1)	E Anthoine	Figueras	31 May
Yuriy Knyazev	URS	40		4h24:51.0	(5)		Yerevan	15 Nov
Jaan Priivits	URS	14 Dec 45		4h24:51.0	(6)		Yerevan	15 Nov
Eladio Campos	MEX	20 Feb 36	173/65	4h24:55.0	(4)		Guadalajara	13 Sep
(60)								
Juraj Bencík	CSR	15 Feb 45	171/60	4h25:15.6	(1)		Povazská Bystrica	26 Jul
Ron Wallwork	GBR	26 May 41	184/77	4h25:16.0	(3)	NCh	East Ewell	15 Aug
Aleksandr Pevtsov	URS	21 Jan 48		4h25:47.0	(11)	NCh	Frasino	12 Sep
Georgs Gutpelcs	URS	20 Dec 36		4h26:23.0	(12)	NCh	Frasino	12 Sep
Walter Sgardello	ITA	11 Apr 43	176/75	4h26:24.2	(14)	Lugano	Eschborn	11 Oct
Joachim Dumke	GDR	13 Jul 49	173/61	4h26:41.2	(6)		Naumburg	14 Jun
John Warhurst	GBR	01 Oct 44	167/61	4h26:44.0	(4)	NCh	East Ewell	15 Aug
Vladimir Nefedov	URS	20 Jul 47		4h26:45.0	(12)	Army Ch	Lvov	23 Oct
Uwe Gatermann	FRG	29 Oct 38		4h26:51.0	(1)		Norderstedt	27 Sep
Ralf Fügner	GDR	17 Mar 51		4h26:54.6	(7)		Naumburg	14 Jun
(70)								
Osamu Kanie	JPN	03 Jan 41	162/54	4h26:55.4	()		Toyama	01 Nov
Vasiliy Kolodochka	URS	31 Jan 42		4h27:03.0	(13)	NCh	Frasino	12 Sep
Vasiliy Novoselov	URS	28 Feb 37		4h27:07.0	(13)	Army Ch	Lvov	23 Oct
Guy Bailly	FRA	07 Dec 32		4h27:14.2	(1)	NCh	Saint-Nazaire	9 Aug
Stig Lindberg	SWE	03 Jul 31	173/66	4h27:48.6	(8)		Naumburg	14 Jun
Manfred Aeberhard	SUI	05 Apr 35	178/64	4h28:00.0	(1)	Lyon Gd Px	Lyon	25 Oct
Mahabir Singh	IND			4h28:19.6	(2)	NCh	Cuttack	18 Jan
Yuriy Shulgin	URS	Apr 37		4h28:29	(14)	NCh	Frasino	12 Sep
Oleg Pryadilov	URS	28 Dec 45		4h28:33	(14)	Army Ch	Lvov	23 Oct
Michael Sternberg	GDR	28 Oct 50		4h28:34.8	(9)		Naumburg	14 Jun
(80)								
John Knifton	USA	27 Sep 39	178/64	4h28:41.6	(16)	Lugano	Eschborn	11 Oct
Antanas Musnackas	URS	14 Oct 42		4h28:48	(15)	NCh	Frasino	12 Sep
Aleksandr Pavlenko	URS	37		4h28:56	(17)	NCh	Frasino	12 Sep
Viktor Tsaryov	URS	23 Aug 35		4h29:06	(3)		Uzhgorod	31 Oct
Günther Kowald	FRG	03 Nov 38		4h29:07.8	(1)		Nordestedt	25 Oct
Boris Viritko	URS	20 May 36		4h29:14	(15)	Army Ch	Lvov	23 Oct
Peter Fullager	GBR	19 Apr 43	170/63	4h29:15	(2)		Melbourne	26 Sep
Josef Macek	CSR	31 Jan 49	178/73	4h29:31.2	(3)	Lugano SF	Dunaújváros	16 Aug
Donald Thompson	GBR	20 Jan 33	168/55	4h30:18	(5)	NCh	East Ewell	15 Aug

Janis Zviedris	URS	14 Aug 34		4h30:35.6	(2)		Gulbene	11 Jul
(90)								
Georgiy Barkovskiy	URS	37		4h30:43	(4)		Uzhgorod	31 Oct
Vladimir Khomenko	URS	48		4h30:43.2	(5)		Uzhgorod	31 Oct
Kenneth Harding	GBR	23 Jun 29	174/67	4h30:47	(6)	NCh	East Ewell	15 Aug
Domenico Carpentieri	ITA	23 Feb 46	180/73	4h31:16.6	(4)	Lugano SF	Dunaújváros	16 Aug
Lutz Wittke	GDR	26 Apr 47		4h31:40	(10)		Naumburg	14 Jun
Francisco Chavez	MEX			4h31:52.4	(5)		Guadalajara	13 Sep
Vladimir Marsenyuk	URS	40		4h32:00	(5)		Uzhgorod	31 Oct
Aldis Aboltins	URS	44		4h32:01.8	(3)		Gulbene	11 Jul
Miguel Angel Sanchez	MEX			4h32.25.0	(6)		Guadalajara	13 Sep
Goetz Klopfer	USA	25 Jun 42	167/59	4h33:23.6	(19)	Lugano	Eschborn	11 Oct
(100)								
Alwin Reng	FRG	19 Mar 36		4h33:44.8	(4)		Salzgitter	2 May

(101 performers)

Short course

Leonida Caraiosifoglu	ROU	31 Oct 44		4h13:24.8	(1)	NCh	Bucuresti	30 Aug
Marin Persinaru	ROU	11 Aug 41	176/61	4h23:41.0	(2)	NCh	Bucuresti	30 Aug
Rudolf Csunderlich	ROU	04 Jun 50		4h26:18	(2)	NCh	Bucuresti	30 Aug
Nicolae Maxim	ROU	16 Nov 47	180/67	4h29:26	(4)	NCh	Bucuresti	30 Aug
Schuch				4h30:11.4	(5)	NCh	Bucuresti	30 Aug
Odobasian	ROU			4h31:33.4	(6)	NCh	Bucuresti	30 Aug

1970 INDOOR WORLD MEN LIST

50 YARDS

Kirk Clayton	USA	04 Feb 47	180/68	b 5.0	A (1)	Calgary	10 Jan
Park Eng	USA	48		b 5.1	A (3)	Calgary	10 Jan second ?

Herb Washington	USA	16 Nov 50	185/75	b 5.1	(1)s	Hamilton	21 Mar
Washington				b 5.1	(1)	Hamilton	21 Mar
Jean-Louis Ravelomanantsoa	MAD	30 Mar 43	168/65	b 5.1	(2)	Hamilton	21 Mar
(5 performances)							
Jack Philipps	USA	12 Apr 48	178/68	b 5.1	(1)	Mobile	16 Dec
John Carlos	USA	05 Jun 45	193/85	b 5.2	(1)	Philadelphia	24 Jan
Mel Gray	USA	28 Sep 48	175/79	b 5.2	(1)		
Gerald Tinker	USA	19 Jan 51	180/77	b 5.2	(1)	Memphis	8 Dec
Horace Levy	USA			b 5.2	(1)	Omaha	12 Dec

Rolling start

Ernie Smith	USA	13 Jan 42	183/77	b 5.1	A (2)	Calgary	10 Jan
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50 METRES

Zenon Nowosz	POL	06 Feb 44	183/72	5.5	(1)	Warszawa	1 Feb
Juris Silovs	URS	30 Aug 50	178/79	5.5	(1)	Riga	22 Feb
Aleksandr Kornelyuk	URS	28 Jun 50	165/64	5.6	(1)	Moskva	1 Feb
Yevgeniy Sinyayev	URS	25 Aug 48	178/79	b 5.6	(1)	Bryansk	12 Feb 2 ?
Vladislav Sapeya	URS	11 Jun 43	175/73	b 5.6	(2)	Bryansk	12 Feb 1 ?
Gennadiy Zaytsev	URS	03 Sep 50	173/73	b 5.6	(3)	Bryansk	12 Feb
Tadeusz Jaworski	POL	26 Sep 45	180/72	b 5.6	(1)	Poznan	15 Feb

60 YARDS

John Carlos	USA	05 Jun 45	193/85	b 5.9	(1)	College Park	9 Jan
Cliff Branch	USA	17 Jul 49	176/75	b 5.9	A (1)	Albuquerque	24 Jan
Earl Harris	USA	20 Jul 48	183/80	b 5.9	(1)s	Oklahoma City	31 Jan
Carlos				b 5.9	(1)h	Baltimore	7 Feb
Herb Washington	USA	16 Nov 50	185/75	b 5.9	(1) NCAA	Detroit	14 Mar
Jack Philipps	USA	12 Apr 48	178/68	b 5.9	(1)	Monroe	12 Dec
(5 performances)							
Ivory Crockett	USA	24 Aug 48	170/66	b 6.0	(1)h	College Park	9 Jan
Wilbur Smith	USA			b 6.0	(1)h	College Park	9 Jan
Ben Vaughan	USA	07 Nov 48	180/80	6.0	(1)	Knoxville	17 Jan
Jack Phillips	USA	12 Apr 48	178/68	b 6.0	(1)s NAIA	Kansas City	23 Jan
Gene Brown	USA			6.0	(1)	Columbus	24 Jan

Stan Whitley	USA	17 Dec 45	180/75	b 6.0	A (3)	Albuquerque	24 Jan
(10)							
Everett Marshall	USA		178/84	b 6.0	(1)h	Oklahoma City	30 Jan
Doug Hawken	USA	31 Jan 49	183/77	6.0	A (1)	Flagstaff	7 Feb
Gerald Tinker	USA	19 Jan 51	180/77	b 6.0	(1)	Houston	13 Feb
Tony Desmond	USA			6.0	(1)	West Point	21 Feb
Mike Fray	JAM	23 Sep 47	189/88	b 6.0	A (1) WAC	Salt lake City	21 Feb
Charlie Greene	USA	21 Mar 45	173/69	b 6.0	(1) AAU	New York	27 Feb
Mel Gray	USA	28 Sep 48	175/79	b 6.0	(1)h Big 8	Kansas City	27 Feb
Jerry Hill	USA	49	180/70	6.0	(1)	Columbus	28 Feb
Zenon Nowosz	POL	06 Feb 44	183/72	b 6.0	(1)r3	Berlin	1 Mar
Jim Green	USA	28 Sep 47	182/70	b 6.0	(2) NCAA	Detroit	14 Mar
(20)							
Stan Gay	USA			6.0	(1)	Lafayette	21 Mar
Wayne Hardy	USA	1 Sep 52	178/70	b 6.0	(1)h	Monroe	12 Dec
David McGough	USA			b 6.0	(2)s	Monroe	12 Dec

Rolling start

Bob Ramzy	USA			b 5.9	A (1)	Albuquerque	17 Jan
Stevenson	USA			6.0	(1)	Ithaca	28 Feb

Other european performers (marks made over 55 metres)

Hermann Burde	GDR	19 Feb 43	180/75	b 6.1	(1)h1	Berlin	15 Feb
Eckhardt Laube	GDR	07 May 47		b 6.1	(1)h5	Berlin	15 Feb
Peter Haase	GDR	23 Jan 43	180/78	b 6.1	(1)s3	Berlin	15 Feb
Detlef Beckmann	GDR	20 Jul 49		b 6.1	(2)s3	Berlin	15 Feb
Andreas Koppel	GDR	20 Mar 52		b 6.1	(3)s3	Berlin	15 Feb

60 METRES

Yevgeniy Sinyayev	URS	25 Aug 48	178/79	b 6.5	(1)	Bryansk	25 Jan
Juan Carlos Jones	ESP	24 Aug 47	175/70	b 6.5	(1)	Madrid	31 Jan
Jarkko Tapola	FIN	05 May 44	180/80	6.5	(1)s	Göteborg	8 Mar
Tapola				6.5	(1)	Göteborg	8 Mar
Charlie Greene	USA	21 Mar 45	173/69	b 6.5	(1)r1	Berlin	4 Dec
Roger Bambuck	FRA	22 nov 45	180/68	b 6.5	(2)r1	Berlin	4 Dec
Jobst Hirscht	FRG	19 Jul 48	174/65	b 6.5	(1)r2	Berlin	4 Dec

Greene				b 6.5	(2)r2	Berlin	4 Dec
Gert Metz	FRG	07 Feb 42	176/72	6.5	(1)	Mainz	12 Dec
(9 performances)							
Horst Schiebe	FRG	26 Sep 48		6.6	(1)	?	Jan
Volker Stöckel	FRG	04 Mar 45	176/66	6.6	(1)h13	Mainz	31 Jan
Michael van Wickeren	FRG	26 Jul 51	177/72	6.6	(1)s2	Mainz	31 Jan
Günter Rudolph	FRG	01 Feb 44	182/73	6.6	(1)	Mainz	31 Jan
Patrick Bourbeillon	FRA	24 Mar 47	175/74	b 6.6	(2)	Madrid	31 Jan
José Luis Sánchez Paraiso	ESP	21 Jul 42	170/70	b 6.6	(3)	Madrid	31 Jan
(10)							
Zenon Nowosz	POL	06 Feb 44	183/72	6.6	(1)	Sofia	14 Feb
Ivica Karasi	YUG	13 Apr 45	181/71	6.6	(1)h	Celje	22 Feb
Aleksandr Kornelyuk	URS	28 Jun 50	165/64	b 6.6	(1)h	Moskva	25 Feb
Fyodor Pankratov	URS	25 Nov 43		b 6.6	(1)h	Moskva	25 Feb
Nikolay Kuzhukin	URS	23 May 48		b 6.6	(1)q	Moskva	25 Feb
Vasilij Zezetko	URS	46		b 6.6	(2)q	Moskva	25 Feb
Detlef Beckmann	GDR	20 Jul 49		b 6.6	(3)q	Moskva	25 Feb
Lennart Blomkvist	SWE	12 Nov 38		6.6	(2)	Göteborg	8 Mar
Valeriy Borzov	URS	20 Oct 49	182/79	b 6.6	(1) EiCh	Wien	14 Mar
Gerhard Wucherer	FRG	11 Feb 48	172/70	6.6	(3)	Mainz	12 Dec
Manfred Letzelter	FRG	18 Aug 40	176/73	6.6	(4)	Mainz	12 Dec

Rolling start

Kari Palmen	FIN	10 Mar 46	188/83	6.5	(1)h	Göteborg	8 Mar
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Missed Flash

Gert Metz	FRG	07 Feb 42	176/72	6.5	(1)h	Mainz	12 Dec
Gerhard Wucherer	FRG	11 Feb 48	172/70	6.6	(2)h	Mainz	12 Dec

100 YARDS

Gerald Tinker	USA	19 Jan 51	180/77	b 9.4	(1)r1	Houston	14 Feb
Tinker				b 9.5	(1)h	Houston	14 Feb
Gene Pouncy	USA	04 Nov 50	183/82	b 9.5	(1)h	Houston	13 Feb
Al Coffee	USA	04 Apr 50	178/75	b 9.5	(1)h	Houston	13 Feb
Earl Harris	USA	20 Jul 48	183/80	b 9.5	(1)h	Houston	13 Feb
Harris				b 9.5	(2)r1	Houston	15 Feb

Willie McGee	USA	04 May 50	180/79	b 9.5	(1)r2	Houston	14 Feb
Pouncy				b 9.5	(1)r3	Houston	15 Feb

100 METRES

Vasiliy Zezetko	URS		46	10.3	(1)h	Leningrad	14 Feb
Boris Izmestyev	URS	15 Jan 51	173/71	10.4	(1)	Leningrad	3 Mar
Rimvidas Aukstuolis	URS	09 Apr 50		10.4	(2)	Leningrad	3 Mar
Aleksandr Bagayev	URS	28 Apr 45		10.4	(1)	Sverdlovsk	6 Mar
Yuriy Domrachev	URS	25 Aug 45		10.4	(1)	Donetsk	7 Mar

200 METRES

John Carlos	USA	05 Jun 45	193/85	21.1*	(1)	East Lansing	14 Feb
Manfred Letzelter	FRG	18 Aug 40	176/73	b 21.5	(1) NiCh	Berlin	21 Feb
Edgar Krüger	FRG	11 Apr 45	178/68	b 21.7	(1)s2 NiCh	Berlin	21 Feb
Letzelter				b 21.8	(1)s1 NiCh	Berlin	21 Feb
Jörg Baade	FRG	15 Jan 50		b 21.8	(2)s2 NiCh	Berlin	21 Feb
Willy Pettau	FRG	24 Aug 50		b 21.8	(2) NiCh	Berlin	21 Feb
Horst-Rüdiger Schlöske	FRG	01 Jan 46	178/67	b 21.8	(1)	Berlin	4 Mar

Doubtful

Jörg Baade	FRG	15 Jan 50		21.7	()		
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300 YARDS

Mike Goodrich	USA	17 May 48	175/70	30.2	(1)	Bloomington	28 Feb
Goodrich				30.3	(1)s	Minneapolis	6 Feb
John Carlos	USA	05 Jun 45	193/85	30.3	(1)	East Lansing	14 Feb
Goodrich				30.3	(1)	Columbus	21 Feb
Earl Harris	USA	20 Jul 48	183/80	b 30.4	(1)h	Oklahoma City	30 Jan
E.Harris				b 30.4	(1)	Oklahoma City	31 Jan
James Harris	USA	18 Apr 50	176/70	30.4	(2)	Columbus	21 Feb
Jim Green	USA	28 Sep 47	182/70	30.5	(1) WestMichR	Kalamazoo	7 Feb
Eugene Thomas	USA	31 Mar 50	188/74	30.5	(2) WestMichR	Kalamazoo	7 Feb
Marvin Foster	USA	14 Jun 51	188/77	b 30.6	(2)	Oklahoma City	31 Jan

Ian Hall	USA		47		30.6	(1)		Ypsilanti	28 Feb
Larry Scheurer	USA	03 Apr	47	180/73	30.6	(1)		Pullman	14 Mar

Oversized track

Jean-Claude Nallet	FRA	15 Mar	47	187/85	30.4	(1)		Paris	22 Feb (250m)
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300 METRES

Oversized track

Gilles Bertould	FRA	16 May	49	176/63	34.1	(1)r1		Paris	13 Feb
Jean-Claude Nallet	FRA	15 Mar	47	187/85	34.1	(1)r4		Paris	13 Feb
Patrick Bourbeillon	FRA	24 Mar	47	175/74	34.5	(2)r1		Paris	13 Feb

Over Disqualified

Eugene Thomas	USA	31 Mar	50	188/74	33.7	(1)		Ypsilanti	16 Dec
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400 METRES

Andrzej Badenski	POL	10 May	43	175/68	b 46.6	(1)h1	EiCh	Wien	15 Mar
Aleksandr Bratchikov	URS	21 Jul	47	185/80	b 46.6	(2)h1	EiCh	Wien	15 Mar
Ingo Röper	FRG	12 Dec	45	190/85	b 46.8	(3)h1	EiCh	Wien	15 Mar
Bratchikov					b 46.8	(1)	EiCh	Wien	15 Mar
Yuriy Zorin	URS	04 Sep	47	182/68	b 46.9	(1)h3	EiCh	Wien	15 Mar
Wolfgang Müller	FRG	26 Jan	43	180/69	b 46.9	(2)h3	EiCh	Wien	15 Mar
Badenski					b 46.9	(2)	EiCh	Wien	15 Mar
Fanahan McSweeney	IRL	21 Aug	47	183/76	b 47.0	(3)h3	EiCh	Wien	15 Mar
Röper					b 47.1	(1)	NiCh	Berlin	21 Feb
Lee Evans	USA	25 Feb	47	181/78	b 47.2*	(1)		San Diego	20 Feb
Badenski					47.2	(1)		Sofia	21 Feb 22 Feb ?
Jan Balachowski	POL	28 Dec	48	183/76	b 47.3	(1)h2	EiCh	Wien	15 Mar
(12 performances)									
Boris Savchuk	URS	09 Aug	43	187/83	b 47.5	(2)h2	EiCh	Wien	15 Mar
Louis Vicenik	USA	13 Feb	47	178/70	b 47.6*	(1)		Monroe	12 Dec
(10)									
Terry Musika	USA	20 Jan	48	185/72	47.7*	(1)		Minneapolis	7 Feb

Horst-Rüdiger Schlöske	FRG	01 Jan 46	178/67	b 47.8	(1)s1	NiCh	Berlin	21 Feb	
Horst Hasslinger	FRG	16 Sep 43	181/76	b 47.8	(2)s1	NiCh	Berlin	21 Feb	
Gerald Conley	USA	12 Jul 47	188/84	b 48.0*	A (1)		Albuquerque	24 Jan	
Dennis Cotner	USA	07 May 48	183/73	b 48.0*	A (2)		Albuquerque	24 Jan	
Tom Young	USA			48.0*	(1)		Madison	7 Feb	
Hans Reineremann	FRG	18 Jan 46	179/70	b 48.0	(2)h1	NiCh	Berlin	21 Feb	
Julio Meade	DOM	07 Mar 47	178/64	48.0*	(1)		Notre Dame	21 Feb	
Yevgeniy Borisenko	URS	05 Jun 45	180/78	48.0	(3)		Sofia	22 Feb 21 Feb ?	
Larry James	USA	06 Nov 47	183/75	b 48.0*	(1)	NCAA	Detroit	13 Mar	
(20)									
Karl-Hermann Tofaute	FRG	01 Mar 46		b 48.1	(1)h4	NiCh	Berlin	21 Feb	
Allan Pinkston	USA			48.1*	(1)		Columbus	28 Feb	
Ralph Mann	USA	16 Jun 49	193/84	b 48.2*	A (1)	WAC	Salt Lake City	20 Feb	
Wayne Bradshaw	USA			b 48.2*	A (2)	WAC	Salt Lake City	20 Feb	
Martin McGrady	USA	20 Apr 46	180/73	b 48.2*	(1)	AAU	New York	27 Feb	
James Harris	USA	18 Apr 50	176/70	48.2*	(2)		Columbus	28 Feb	

Unconfirmed

Martin McGrady	USA	20 Apr 46	180/73	47.8*	(1)			
Yevgeniy Borisenko	URS	05 Jun 45	180/78	47.8				

Irregular

Michael Fredriksson	SWE	11 Mar 49	181/75	48.0	(1)		Göteborg	27 Feb
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Oversized track

Fred Newhouse	USA	08 Nov 48	175/68	b 45.3*	(1)r2		Houston	13 Feb (352m)	
Newhouse				b 45.7*	(1)h		Houston	13 Feb	
Fanahan McSweeney	IRL	21 Aug 47	183/73	b 46.0*	(2)r2		Houston	13 Feb	
Larry James	USA	06 Nov 47	183/75	b 46.6*	(1)r1		Houston	13 Feb	
Jimmy Evans	USA	50	178/68	b 46.8*	(3)r2		Houston	13 Feb	
James				b 47.0*	(1)h		Houston	13 Feb	
Hardee McAlhaney	USA	12 Jun 47	180/79	b 47.0*	(1)h		Houston	13 Feb	
Fran Long	USA			b 47.0*	(2)r1		Houston	13 Feb	
(8 performances)									
Verlan Johnson	USA			b 47.1*	(2)h		Houston	13 Feb	
Jackie Colbert	USA	21 Dec 48	185/73	b 47.1*	(2)h		Houston	13 Feb	
Charles Callihan	USA	49	178/68	b 47.1*	(4)r2		Houston	13 Feb	

Travis Newsome	USA		49	b 47.2*	(2)h		Houston	13 Feb
	(10)							
Julio Meade	DOM	07 Mar	47	178/64	b 47.4*	(1)h	Houston	13 Feb
Joe Wylie	USA				b 47.4*	(2)h	Houston	13 Feb
Larry Lefevre	USA				b 47.5*	(1)h	Houston	13 Feb
Jerry Denton	USA	12 Jun	50	183/70	b 47.5*	(2)h	Houston	13 Feb
Andry Hardy	USA				b 47.5*	(1)h	Houston	13 Feb

Erroneous report

Edesel Garrison	USA	17 Aug	50	186/84	45.7*	(1)h	Houston	14 Feb
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500 YARDS

Lee Evans	USA	25 Feb	47	181/78	b 54.5	(1)r1	San Diego	20 Feb
Ed Bowie	USA				b 56.9	(1)	College Park	9 Jan
Hardee McAlhaney	USA	12 Jun	47	180/79	b 57.2	(2)	College Park	9 Jan
Bill Barrow	USA				b 57.2	(3)	College Park	9 Jan
Jim Burnett	USA	13 Feb	40	185/77	b 57.4	(1) Mill	New York	30 Jan
Larry James	USA	06 Nov	47	183/75	b 57.4	(1) NYKC	New York	6 Feb
Milton Mitchell	USA				b 57.4	(1)r2	San Diego	20 Feb
Dave Adkins	USA	26 Oct	46	186/79	b 57.7	(2) NYKC	New York	6 Feb
Walt Fitzpatrick	USA				b 57.7	(3) NYKC	New York	6 Feb
Jay Elbel	USA	05 Oct	47	187/79	b 57.7	(2)r1	San Diego	20 Feb

500 METRES

Martin McGrady	USA	20 Apr	46	180/73	b 1:02.9	(1)	New York	20 Feb
Pete Schuder	USA	30 Sep	45	180/70	b 1:03.7	(2)	New York	20 Feb
Tom Ulan	USA	01 Dec	49	179/70	b 1:04.0	(3)	New York	20 Feb
Ramon Magariños	ESP	16 Feb	48	182/75	b 1:04.2	(1)	Madrid	18 Jan
Teodoro Barrio	ESP	22 May	47		b 1:04.5	(2)	Madrid	18 Jan

Others Europeans

Manuel Gayoso	ESP	01 Jan	44	175/67	b 1:04.6	(1)	Madrid	10 Jan
Sjouk Tel	NED	06 Aug	45		b 1:04:8	(1) NCh	Groningen	7 Mar

Oversized

Jean-Claude Nallet	FRA	15 Mar 47	187/85	1:04.0+	(1)		Paris	22 Feb	(250m)
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600 YARDS

Martin McGrady	USA	20 Apr 46	183/75	b 1:07.6	(1)	AAU	New York	27 Feb	
Lee Evans	USA	25 Feb 47	181/78	b 1:08.0	(2)	AAU	New York	27 Feb	
McGrady				b 1:08.5	(1)	Mason	Louisville	14 Feb	
McGrady				1:08.7	(1)	LA Times	Inglewood	13 Feb	
Evans				1:08.7	(2)	LA Times	Inglewood	13 Feb	
Evans				1:08.9	(1)		East Lansing	14 Feb	
Tommie Turner	USA	17 Jan 47	175/68	b 1:09.0	(2)	Mason	Louisville	14 Feb	
Bill Wehrwein	USA	25 Sep 48		1:09.3	(1)	Big 10	East Lansing	7 Mar	
Turner				1:09.4	(1)		Columbus	28 Feb	
Dick Bruggeman	USA	13 Jun 47	186/77	1:09.4	(2)	Big 10	East Lansing	7 Mar	
(10 performances)									
Rick Wohlhuter	USA	23 Dec 48	175/59	b 1:09.5	(1)	NCAA	Detroit	14 Mar	
Tom Ulan	USA	01 Dec 49	179/70	1:09.6	(1)		Princeton	7 Feb	
Ralph Doubell	AUS	12 Feb 45	180/65	1:09.8	(3)	LA Times	Inglewood	13 Feb	
Dale Alexander	USA	28 Apr 49	183/82	b 1:10.0	(1)		Oklahoma City	31 Jan	
Kent Bernard	TRI	27 May 42	185/77	b 1:10.1	(3)	Mason	Louisville	14 Feb	

Other European

Tomas Eriksson	SWE	29 Nov 45		A b 1:10.3	(2)		Salt Lake City	21 Feb	
Jean-Claude Nallet	FRA	15 Mar 47	187/85	1:10.9	(1)		Paris	22 Feb	(250m)

600 METRES

Jim Aukett	GBR	15 Apr 49	178/56	b 1:18.8	(1)		Cosford	21 Nov	
Peter Browne	GBR	03 Feb 49	176/64	b 1:18.9	(2)		Cosford	21 Nov	
Aukett				b 1:18.9	(1)		Cosford	12 Dec	

800 METRES

Ralph Doubell	AUS	12 Feb 45	180/65	1:48.6*	(1)	Mill	New York	30 Jan	
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Juris Luzins	USA	22 Jun 47	188/77	b 1:48.8**	(1)		San Diego	20 Feb
Jozef Plachý	CSR	28 Feb 49	182/73	1:49.1*	(2)	Mill	New York	30 Jan
Franz-Josef Kemper	FRG	30 Sep 45	179/67	b 1:49.1	(1)	NiCh	Berlin	21 Feb
Mark Winzenried	USA	13 Oct 49	188/77	1:49.2*	(1)	Big 10	East Lansing	7 Mar
Winzenried				1:49.4*	(1)		Madison	7 Feb
Lowell Paul	USA	03 Mar 44	186/77	1:49.5*	(1)		Chicago	24 Jan
Doubell				b 1:49.5+	A (1)		Albuquerque	24 Jan
Colin Campbell	GBR	20 Jun 46	185/76	b 1:49.6	(1)	AAA	Cosford	31 Jan
Campbell				b 1:49.7	(1)	v GDR	Cosford	21 Feb
Luzins				1:49.8*	(3)		New York	30 Jan
Winzenried				1:49.8*	(1)		Madison	21 Feb
Winzenried				1:49.9*	(1)		Madison	17 Dec
Alfred Seyffarth	GDR	27 Jan 48	172/66	b 1:49.9	(2)	v GBR	Cosford	21 Feb
John Mock	USA	50	178/68	1:50.0*	(2)	Big 10	East Lansing	7 Mar
(11 performances)								
Reiner Föhrenbach	FRG	05 Mar 49	189/72	b 1:50.1	(2)	NiCh	Berlin	21 Feb
(10)								
Yevgeniy Arzhanov	URS	22 Apr 48	179/68	b 1:50.1	(1)h1	EiCh	Wien	14 Mar
Peter Scott	USA	03 Mar 43		b 1:50.2*	(1)		Boston	31 Jan
John Greatrex	GBR	22 Feb 48	186/73	b 1:50.2	(3)	v GDR	Cosford	21 Feb
Andrzej Kupczyk	POL	26 Oct 48	177/64	b 1:50.5	(3)h1	EiCh	Wien	14 Mar
Byron Dyce	JAM	27 Mar 48	178/67	b 1:50.6*	(2)		Boston	31 Jan
Don Vandrey	USA	08 Nov 48	189/82	1:50.6*	(1)		Madison	31 Jan
Brian McElroy	USA	10 Dec 49	183/73	1:50.6*	(1)		Notre Dame	21 Feb
Lee LaBadie	USA	22 Jan 50	175/61	1:50.6*	(1)		Columbus	28 Feb
Noel Carroll	IRL	07 Dec 41	188/80	b 1:50.6	(4)h1	EiCh	Wien	14 Mar
Juan Borraz	ESP	15 Aug 46		1:50.7	(1)		Madrid	28 Feb
(20)								
Erhard Schulze	GDR	26 May 47	179/74	b 1:51.1	(2)h1		Berlin	15 Feb
Ken Swenson	USA	18 Apr 48	177/66	b 1:51.2*	(1)		Oklahoma City	30 Jan
Pat Durnin	USA			1:51.3*	(2)		Chicago	24 Jan
Arno Reimann	FRG	02 Feb 49		b 1:51.3	(1)h3	NiCh	Berlin	21 Feb
Hans-Joachim Meinecke	FRG	09 Dec 52		b 1:51.3	(1)	NiCh	Berlin	22 Feb
Josip Medjimurec	YUG	06 Aug 45	177/66	b 1:51.3	(5)h1	EiCh	Wien	14 Mar
Izidro Solorzano	ESP	09 Mar 48		b 1:51.4	(1)		Madrid	31 Jan
Steve Bergeson	USA	19 Jun 48	183/70	b 1:51.4*	(1)	WAC	Salt Lake City	20 Feb
Reinhard Dominik	GDR	01 Aug 49	175/65	b 1:51.4	(2)		Berlin	22 Feb

Joe Savage	USA	29 May 52	191/77	1:50.7*	(1)		Jersey City	21 Feb
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Oversized track

Neville Myton	JAM	28 May 46	180/69	b 1:49.1*	(1)		Houston	14 Feb
Stan Hill	USA			b 1:49.3*	(2)		Houston	14 Feb
Brian McElroy	USA	10 Dec 49	183/73	b 1:49.3*	(3)		Houston	14 Feb
Ralph Schultz	USA	04 Jun 47	188/80	1:49.6*	(1)		Champaign	7 Mar
Tommy Leach	USA			b 1:50.6*	(4)		Houston	14 Feb
Kerry Ellison	USA	14 Oct 50	193/79	b 1:51.1*	(5)		Houston	14 Feb

1.000 YARDS

Ralph Doubell	AUS	12 Feb 45	180/65	b 2:05.5	A (1)		Albuquerque	24 Jan
Juris Luzins	USA	22 Jun 47	188/77	b 2:05.6	(1)		San Diego	20 Feb
Luzins				b 2:06.2	(1)	AAU	New York	27 Feb
Doubell				2:06.5	(1)		Los Angeles	17 Jan
Tom von Ruden	USA	22 Aug 44	183/72	2:07.1	(1)	Mill	New York	30 Jan
von Ruden				b 2:07.1	(2)	AAU	New York	27 Feb
von Ruden				b 2:07.3	(1)	Mason	Louisville	14 Feb
(7 performances)								
Jozef Plachý	CSR	28 Feb 49	182/73	b 2:07.4	(1)		Boston	31 Jan
Frank Murphy	IRL	21 May 47	184/70	b 2:07.4	(3)	AAU	New York	27 Feb
Byron Dyce	JAM	27 Mar 48	178/67	b 2:07.4	(4)	AAU	New York	27 Feb
Marty Liquori	USA	11 Sep 49	185/63	2:07.6	(1)	NYKC	New York	6 Feb
Ken Swenson	USA	18 Apr 48	177/66	b 2:07.7	A (2)		Albuquerque	24 Jan
Keith Colburn	USA	04 Jan 48	182/66	2:07.9	(2)	Mill	New York	30 Jan
Mark Winzenried	USA	13 Oct 49	188/77	2:07.9	(3)	Mill	New York	30 Jan
Andrzej Kupczyk	POL	26 Oct 48	177/64	b 2:08.1	(5)	AAU	New York	27 Feb
Lowell Paul	USA	03 Mar 44	186/77	b 2:08.2	(4)		Boston	31 Jan
Kenth Andersson	SWE	13 Jul 44	180/72	b 2:08.3	(2)		San Diego	20 Feb

1.000 METRES

John Davies	GBR	17 Jan 49	184/74	b 2:20.9	(1)		Cosford	12 Dec
Tom von Ruden	USA	22 Aug 44	183/72	2:21.0	(1)		New York	20 Feb
Frank Murphy	IRL	21 May 47	184/70	2:21.2	(2)		New York	20 Feb

Davies				b 2:22.2	(1)	v GDR	Cosford	21 Mar
Lowell Paul	USA	03 Mar 44	186/77	2:22.5	(3)		New York	20 Feb

1.500 METRES

Harald Norpoth	FRG	22 Aug 42	184/60	b 3:41.3	(1)	NiCh	Berlin	21 Feb
Ingo Sensburg	FRG	27 Jan 49	183/68	b 3:42.3	(2)	NiCh	Berlin	21 Feb
Kipchoge Keino	KEN	17 Jan 40	178/66	3:43.7+	(1)		Los Angeles	17 Jan
Walter Wilkinson	GBR	02 Nov 44	173/65	b 3:44.1	(1)	v GDR	Cosford	21 Feb
John Mason	USA	29 Dec 45	180/63	b 3:44.1+	(1)		Vancouver	21 Feb
Marty Liquori	USA	11 Sep 49	185/63	3:44.8	(1)		New York	20 Feb
Henryk Szordykowski	POL	03 Jun 44	180/67	3:45.3	(2)		New York	20 Feb
Dieter Herrmann	GDR	06 Apr 41	168/58	b 3:45.6	(1)		Berlin	15 Feb
Alfred Seyffarth	GDR	27 Jan 48	172/66	b 3:45.8	(1)		Berlin	8 Feb
Bernd Exner	GDR	29 Aug 49	176/63	b 3:46.0	(2)		Berlin	8 Feb
Exner				b 3:46.1	(2)		Berlin	15 Feb
Juan Borraz	ESP	15 Aug 46		b 3:46.3	(1)		Barcelona	14 Feb
(12 performances)								
Art Dulong	USA	01 Jun 48	175/59	3:46.4	(3)		New York	20 Feb
Urs Lufft	FRG	10 Apr 42	171/63	b 3:46.9	(2)h1	NiCh	Berlin	21 Feb
Gianni Del Buono	ITA	01 Oct 43	178/65	b 3:47.3	(2)		Barcelona	14 Feb
John Davies	GBR	17 Jan 49	184/74	b 3:47.3	(1)		Cosford	21 Nov

1 MILE

Tom von Ruden	USA	22 Aug 44	183/72	b 4:00.1	(1)r2	NCAA	Detroit	13 Mar
John Lawson	USA	18 Nov 43	178/63	4:00.6	(1)		Los Angeles	17 Jan
Kipchoge Keino	KEN	17 Jan 40	178/66	b 4:00.6	(1)		Philadelphia	24 Jan
Keino				4:00.7	(2)		Los Angeles	17 Jan
John Mason	USA	29 Dec 45	180/63	b 4:00.8	(1)		Vancouver	21 Feb
Marty Liquori	USA	11 Sep 49	185/63	4:00.9	(1)	AAU	New York	27 Feb
Art Dulong	USA	01 Jun 48	175/59	b 4:01.1	(1)		Boston	31 Jan
Lawson				b 4:01.4	(2)		Vancouver	21 Feb
Jim Johnson	USA	04 Jan 50	178/64	b 4:01.6	(3)		Vancouver	21 Feb
Mason				4:01.7	(3)		Los Angeles	17 Jan
Rick Ritchie	CAN	51		b 4:01.8	(4)		Vancouver	21 Feb
Henryk Szordykowski	POL	03 Jun 44	180/67	4:02.1	(2)	AAU	New York	27 Feb
Liquori				4:02.1	(1)		New York	7 Mar

(13 performances)

Frank Murphy	IRL	21 May 47	184/70	4:02.6	(2)	NYKC	New York	6 Feb
(10)								
Jim Crawford	USA	17 Jul 47	173/61	b 4:02.9	(1)		San Diego	20 Feb
Dave Patrick	USA	14 Aug 46	181/70	b 4:03.1	(2)		San Diego	20 Feb
Howell Michael	USA	31 Aug 49	178/66	b 4:03.1	(1)	NCAA	Detroit	14 Mar
Ian Stewart	GBR	15 Jan 49	178/65	b 4:03.4	(2)		Kansas City	24 Jan
Brian Kivlan	USA	27 Mar 48	180/64	4:03.6	(4)	NYKC	New York	6 Feb
Keith Colburn	USA	04 Jan 48	182/66	4:03.6	(2)	IC4A	New York	7 Mar
John Baker	USA	14 Apr 49	180/65	4:04.0	(1)		Annapolis	24 Feb
George Scott	AUS	14 Sep 36		b 4:04.4	(3)		San Diego	20 Feb
Walter Wilkinson	GBR	02 Nov 44	173/65	b 4:04.4	(1)		Berlin	1 Mar
Sam Bair	USA	21 May 46	168/56	4:04.6	(4)		Los Angeles	17 Jan
(20)								
Alan Robinson	AUS	13 Sep 36		4:04.6	(1)		Champaign	14 Feb
John Parker	GBR			4:05.2	(1)		Monroe	12 Dec
Eryk Zelazny	POL	02 Dec 43	175/62	b 4:05.4	(2)		Berlin	1 Mar
Roscoe Divine	USA	03 Nov 47	185/73	b 4:05.5	(2)		Portland	31 Jan
Fred Lane	USA			4:05.5	(1)		Annapolis	14 Feb
Garry Bjorklund	USA	22 Apr 51	179/66	4:05.5	(1)		Minneapolis	28 Feb
Juris Luzins	USA	22 Jun 47	188/77	b 4:05.7	(2)		College Park	9 Jan
Mark Winzenried	USA	13 Oct 49	188/77	4:05.9	(1)	Big 10	East Lansing	7 Mar
Byron Dyce	JAM	27 Mar 48	178/67	b 4:06.0	(5)	NYKC	New York	6 Feb
Steve Prefontaine	USA	25 Jan 51	177/65	b 4:06.0	(3)	LA Times	Inglewood	13 Feb
(30)								

Oversized track

Lee LaBadie	USA	22 Jan 50	175/61	4:03.1	(1)		Champaign	21 Feb
Ken Popejoy	USA	09 Dec 50	173/54	4:04.4	(2)		Champaign	21 Feb
Alan Robinson	AUS	13 Sep 36		4:03.6	(1)		Champaign	14 Feb

3.000 METRES

Ricky Wilde	GBR	13 Oct 45	170/58	b 7:47.0	(1)	EiCh	Wien	15 Mar	7:46.85
Harald Norpeth	FRG	22 Aug 42	180/60	b 7:49.6	(2)	EiCh	Wien	15 Mar	
Javier Alvarez	ESP	18 Dec 43	171/58	b 7:52.6	(3)	EiCh	Wien	15 Mar	
Nikolay Sviridov	URS	06 Jul 38	179/65	b 7:54.6	(4)	EiCh	Wien	15 Mar	
Ian Stewart	GBR	15 Jan 49	178/65	b 7:55.6	(1)	v GDR	Cosford	21 Feb	

Werner Girke	FRG	04 Sep 40	176/64	b 7:56.0	(5)	EiCh	Wien	15 Mar
Dietmar Nagel	GDR	04 Aug 45	175/60	b 7:56.2	(1)		Berlin	15 Feb
Émile Puttemans	BEL	08 Oct 47	175/64	b 7:57.0	(6)	EiCh	Wien	15 Mar
Tom Birger Hansen	DEN	25 Feb 48	185/65	b 7:58.2	(7)	EiCh	Wien	15 Mar
Kipchoge Keino	KEN	17 Jan 40	173/66	b 7:58.6	(1)		Cosford	21 Nov
Wilde				b 7:59.2	(1)	AAA	Cosford	31 Jan
Jürgen May	FRG	18 Jun 42	176/64	b 7:59.2	(1)	NiCh	Berlin	21 Feb
John Lawson	USA	18 Nov 43	178/63	8:00.4	(1)		New York	20 Feb
Gert Eisenberg	GDR	07 Dec 43	176/57	b 8:00.6	(2)	v GBR	Cosford	21 Feb
(14 performances)								
Joachim Krebs	GDR	07 Sep 49	177/62	b 8:00.8	(2)		Berlin	15 Feb
Andy Holden	GBR	22 Oct 48	179/64	b 8:01.6	(2)		Cosford	21 Nov
Dick Buerkle	USA	03 Sep 47	170/59	8:01.8	(2)		New York	20 Feb
Hans Munzinger	FRG	29 Oct 42	172/60	b 8:01.8	(3)	NiCh	Berlin	21 Feb
Francesco Arese	ITA	13 Apr 44	187/69	b 8:02.0	(1)		Genova	22 Mar
Ian McCafferty	GBR	24 Nov 44	175/57	b 8:04.2	(2)		Cosford	31 Jan
Wolfgang Krüger	FRG	01 Jan 47	180/59	b 8:04.2	(1)h2	NiCh	Berlin	21 Feb
Robert Finlay	CAN	03 Aug 43	185/66	8:04.4	(3)		New York	20 Feb
(20)								
Hans-Werner Wogatzky	FRG	18 Feb 42	185/72	b 8:04.4	(2)h2	NiCh	Berlin	21 Feb
Ulrich Brugger	FRG	01 Apr 47	180/53	b 8:04.4	(3)h2	NiCh	Berlin	21 Feb
Jürgen Haase	GDR	19 Jan 45	176/60	b 8:04.6	(3)		Berlin	15 Feb
Pavel Penkava	CSR	26 Dec 44	177/65	b 8:04.6	(5)h1	EiCh	Wien	14 Mar

OTHER EUROPEAN

Heinz-Gerd Mölders	FRG	08 Feb 42	179/69	b 8:05.0	(5)h2	NiCh	Berlin	21 Feb
Klaus Addicks	FRG	06 Dec 41		b 8:05.2	(6)h2	NiCh	Berlin	21 Feb
Bernd Exner	GDR	29 Aug 49	176/63	b 8:05.4	(1)		Berlin	1 Mar
Rainer Leyh	GDR	17 Jun 47	173/56	b 8:06.0	(4)		Berlin	15 Feb
Aleksandr Morozov	URS	13 Nov 39	181/68	b 8:06.0	(2)		Moskva	26 Feb
Wolfgang Falke	FRG	08 Sep 46	176/67	b 8:06.4	(4)		Berlin	21 Feb
Lutz Philipp	FRG	14 Oct 40	178/69	b 8:06.6	(1)h1		Berlin	21 Feb
Kazimierz Maranda	POL	23 Feb 47	176/62	b 8:07.2	(8)	EiCh	Wien	15 Mar
Vyacheslav Alanov	URS	30 Oct 39	172/59	8:07.6	(1)		Moskva	3 Feb
Paul Angenwoorth	FRG	10 Aug 45	178/62	8:07.6	(1)h1		Berlin	21 Feb

2 MILES

Rex Maddaford	NZL	09 Mar 47	177/64	b 8:28.6	(1)		San Diego	20 Feb	
Kerry O'Brien	AUS	17 Apr 46	180/70	8:36.6	(1)	LA Times	Inglewood	13 Feb	
Ron Clarke	AUS	21 Feb 37	183/72	8:38.8	(2)	LA Times	Inglewood	13 Feb	
Steve Prefontaine	USA	25 Jan 51	177/65	b 8:39.2	(1)		Portland	31 Jan	
Jerry Richey	USA	23 Feb 49	183/63	b 8:39.2	(1)	NCAA	Detroit	13 Mar	
Alan Robinson	AUS	13 Sep 36		b 8:39.2	(2)	NCAA	Detroit	13 Mar	
Kerry Pearce	AUS	10 Dec 46	174/68	b 8:39.4	(1)		San Francisco	3 Jan	
Pearce				b 8:39.6	(1)		Oklahoma City	30 Jan	
Dick Buerkle	USA	03 Sep 47	170/59	b 8:41.0	(3)	NCAA	Detroit	13 Mar	
Ian Stewart	GBR	15 Jan 49	178/65	8:41.2	(1)		Los Angeles	17 Jan 8:41.4 ?	
(10 performances)									
Paul Lightfoot	GBR	24 Oct 46		8:41.4	(1)		Ypsilanti	7 Mar	
Ed Norris	GBR	2 Jan 47	168/52	b 8:41.8	(2)		Ypsilanti	7 Mar	
Grant McLaren	CAN	19 Aug 48	172/70	b 8:42.0	(1)		Boston	31 Jan	
Garry Bjorklund	USA	22 Apr 51	179/66	b 8:42.0	(4)	NCAA	Detroit	13 Mar	
Ron Stonitsch	USA	22 Jul 49	175/64	b 8:42.6	(5)	NCAA	Detroit	13 Mar	
Art Dulong	USA	01 Jun 48	175/59	8:42.8	(1)	NYKC	New York	6 Feb	

Oversized track

Dick Buerkle	USA	03 Sep 47	170/59	b 8:39.6	(1)		Houston	14 Feb
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3 MILES

Robert Finlay	CAN	03 Aug 43	185/66	b 13:19.0	(1)		Toronto	5 Feb	
Art Dulong	USA	01 Jun 48	175/59	13:19.6	(1)	AAU	New York	27 Feb	
Ron Clarke	AUS	21 Feb 37	183/72	b 13:21.8	(1)		Oakland	6 Feb	
Jerome Drayton	CAN	10 Jan 45	176/61	b 13:27.2	(2)		Toronto	5 Feb	
Frank Shorter	USA	31 Oct 47	178/61	13:29.8	(2)	AAU	New York	27 Feb	
Bill Reilly	USA	28 Feb 43	170/59	13:29.8	(3)	AAU	New York	27 Feb	
Grant McLaren	CAN	19 Aug 48	172/70	13:32.8	(4)	AAU	New York	27 Feb	
Eamonn O'Reilly	USA	02 Jun 44	180/61	13:35.0	(5)	AAU	New York	27 Feb	
John Kennedy	USA	21 Nov 43	180/68	b 13:36.2	(2)	Athens Invit	Oakland	6 Feb	
Dave Ellis	CAN	25 Apr 37	175/58	13:37.8	(1)		Ypsilanti	28 Feb	
(10)									
Ron Stonitsch	USA	22 Jul 49	175/64	13:39.2	(6)	AAU	New York	27 Feb	
Jack Bachelier	USA	30 Dec 43	198/75	13:39.2	(7)	AAU	New York	27 Feb	
John Lawson	USA	18 Nov 43	178/63	b 13:39.2	(4)	TelMapleLeaf	Toronto	5 Feb	
Paul Lightfoot	GBR	24 Oct 46		13:39.6	(2)		Ypsilanti	28 Feb	

Kerry Pearce (15 performers)	AUS	10 Dec 46	174/68	b 13:39.8	(5)	TelMapleLeaf Toronto	5 Feb
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5.000 METRES

Vyacheslav Alanov	URS	30 Oct 39	172/59	13:55.2	(1)	Sverdlovsk	7 Mar
Alanov				13:56.6	(1)	Moskva	27 Jan
Ivan Kabanov	URS	03 Jan 38	176/74	b 14:29.8	(1)	Donetsk	8 Mar
Nikolay Drachov	URS	12 May 41	175/67	b 14:30.0	(2)	Donetsk	8 Mar

50 YARDS HURDLES

Marcus Walker	USA	10 Feb 49	186/79	b 5.8	(1)	Omaha	12 Dec
Thomas Hill	USA	17 Nov 49	186/75	b 5.9	(1)h2	Köln	28 Nov
Hill				b 5.9	(1)	Köln	28 Nov
Ernie Smith	USA	13 Jan 42	183/77	b 6.0	(1)	Calgary	10 Jan
Ervin Hall	USA	05 Mar 47	183/75	b 6.0	(1)	Philadelphia	24 Jan
Walker				6.0	(1)	Omaha	9 Feb
Willie Davenport	USA	08 Jun 43	186/84	b 6.0	(1)	Cleveland	20 Mar
Hall				b 6.0	(2)	Cleveland	20 Mar
Leon Coleman	USA	01 Sep 44	189/82	b 6.0	(3)	Cleveland	20 Mar
Hall				b 6.0	(1)	Hamilton	21 Mar
Guy Drut	FRA	06 Dec 50	188/74	b 6.0	(2)	Köln	28 Nov
Günter Nickel	FRG	24 Mar 46	186/75	b 6.0	(3)	Köln	28 Nov
Hill				b 6.0	(1)	Memphis	8 Dec
Paul Gibson	USA	20 Jun 48	190/88	b 6.0	(2)	Memphis	8 Dec
Wakler				b 6.0	(1)h	Omaha	12 Dec
(15 performances)							
Sam Caruthers	USA	10 Mar 48	183/75	b 6.1	(2)	Calgary	10 Jan
Bill High	USA	20 May 50	188/79	b 6.1	(1)h	Philadelphia	24 Jan
Gary Power	USA	25 Mar 42	190/88	b 6.1	(3)	Toronto	5 Feb
Jim Barber	USA	49	183/75	b 6.1	(4)	Cleveland	20 Mar
Eckart Berkes	FRG	09 Feb 49	180/65	b 6.1	(4)	Köln	28 Nov
Jim Bolding	USA	03 Nov 49	185/75	b 6.1	(2)	Omaha	12 Dec

50 METRES HURDLES

Günter Nickel	FRG	24 Mar 46	194/78	6.2	(1)		Leverkusen	26 Feb
Nickel				6.4+	(1)s2		Mainz	31 Jan
Nickel				6.4+	(1)		Mainz	31 Jan
Nickel				6.4	(1)h		Leverkusen	26 Feb
Nickel				b 6.5	(1)	NiCh	Berlin	21 Feb
Aleksandr Demus	URS	10 Mar 47	180/78	6.5	(1)h		Bucuresti	1 Mar
Nicolae Pertea	ROU	10 Aug 44	186/76	6.5	(1)h		Bucuresti	1 Mar
Demus				6.5	(1)		Bucuresti	1 Mar
Pertea				6.5	(2)		Bucuresti	1 Mar
(9 performances)								
Gennadiy Lisin	URS	30 Apr 47		b 6.6	(1)		Donetsk	Jan
Sergey Malasichin	URS	49		b 6.6	(2)		Donetsk	Jan
Oleg Stepanenko	URS	20 Oct 39	183/69	6.6	(1)		Moskva	1 Feb
Marek Józwik	POL	10 Apr 47	184/72	6.6	(1)		Warszawa	7 Feb
Werner Trzmiel	FRG	16 Mar 42	183/74	b 6.6	(2)	NiCh	Berlin	21 Feb
Werner Eikmeier	FRG	12 Dec 42	181/78	6.6	(2)		Leverkusen	26 Feb
Dan Hidiosanu	ROU	30 May 47	181/70	6.6	(2)h		Bucuresti	1 Mar
Ervin Sebestien	ROU	13 Jan 50	191/77	6.6	(3)h		Bucuresti	1 Mar
Georgi Mlyakov	BUL	15 Apr 47	194/90	6.6	(4)h		Bucuresti	1 Mar

60 YARDS HURDLES

Willie Davenport	USA	08 Jun 43	186/84	b 6.8	(1)		College Park	9 Jan
Leon Coleman	USA	01 Sep 44	189/82	b 6.9	(1)h		College Park	9 Jan
Coleman				b 6.9	(2)		College Park	9 Jan
Ervin Hall	USA	05 Mar 47	183/75	b 6.9	(3)		College Park	9 Jan
Gary Power	USA	25 Mar 42	190/88	b 6.9	A (1)		Albuquerque	24 Jan
Davenport				b 6.9	(1)	Mill	New York	30 Jan
Thomas Hill	USA	17 Nov 49	188/75	b 6.9	(1)	NCAA	Detroit	14 Mar
Hill				b 6.9	(1)s		Monroe	12 Dec
(8 performances)								
Rod Milburn	USA	18 May 50	183/80	b 7.0	(1)h	NAIA	Kansas City	23 Jan
Marcus Walker	USA	10 Feb 49	186/79	b 7.0	A (3)		Albuquerque	24 Jan
Paul Gibson	USA	20 Jun 48	190/88	b 7.0	(1)s		Oklahoma City	31 Jan
Bill High	USA	20 May 50	188/79	7.0	(1)		Knoxville	7 Feb
Raimund Bethge	GDR	07 Jul 47	189/83	b 7.0	(1)		Berlin	8 Feb
(10)								
Frank Siebeck	GDR	17 Aug 49	189/78	b 7.0	(1)h2		Berlin	15 Feb
Herman Franklin	USA	09 Jul 48	185/74	b 7.1	(3)		San Francisco	3 Jan

55mH

55mH

Lewis Clark	USA			b 7.1	(2)s	NAIA	Kansas City	23 Jan	
Roosevelt Williams	USA	49	183/73	7.1	(1)h		Oklahoma City	30 Jan	
Mike Bates	USA	29 Jan 49	188/82	b 7.1	(2)s		Oklahoma City	31 Jan	
George Carty	USA	10 Oct 45	178/77	b 7.1	(2)h		Oakland	6 Feb	
John Morriss	USA	19 Apr 45	183/73	b 7.1	(2)		Natchitoches	7 Feb	
Bill Tipton	USA	17 May 49	179/68	7.1	(1)	WestMichR	Kalamazoo	7 Feb	
Harald Uber	GDR	15 Feb 50	186/78	b 7.1	(1)		Berlin	22 Feb	55mH
Lothar Krohn	GDR	02 Jul 50	193/79	b 7.1	(2)		Berlin	22 Feb	55mH
(20)									
Kwaku Ohene-Frempong	GHA	13 Mar 46	183/75	7.1	(1)h		Ithaca	28 Feb	
Luci Williams	USA			b 7.1	(1)	Big 8	Kansas City	28 Feb	
Mirosław Wodzynski	POL	13 Jul 51	190/81	b 7.1	(2)r2		Berlin	1 Mar	
Fuller Cherry	USA			b 7.1	(1)		Monroe	12 Dec	

60 METRES HURDLES

Günter Nickel	FRG	24 Mar 46	194/78	7.5	(1)		Mainz	31 Jan	
Thomas Hill	USA	17 Nov 49	186/75	b 7.5	(1)r2		Berlin	4 Dec	
Nickel				7.6	(1)s2		Mainz	31 Jan	
Hill				b 7.6	(1)r1		Berlin	4 Dec	
Nickel				b 7.7	(2)r2		Berlin	4 Dec	
Eckart Berkes	FRG	09 Feb 49	180/65	7.7	(1)		Mainz	12 Dec	
Nickel				7.8	(1)h2		Mainz	31 Jan	
Alan Pascoe	GBR	11 Oct 47	185/73	b 7.8	(1)		Cosford	31 Jan	
Werner Eikmeier	FRG	12 Dec 42	181/78	7.8	(P)		Mainz	8 Mar	
Nickel				b 7.8	(1)s1	EiCh	Wien	15 Mar	
Raimund Bethge	GDR	07 Jul 47	189/83	b 7.8	(2)s1	EiCh	Wien	15 Mar	
Aleksandr Demus	URS	10 Mar 47	180/78	b 7.8	(1)s2	EiCh	Wien	15 Mar	
Frank Siebeck	GDR	17 Aug 49	189/78	b 7.8	(2)s2	EiCh	Wien	15 Mar	
Nickel				b 7.8	(1)	EiCh	Wien	15 Mar	
Siebeck				b 7.8	(2)	EiCh	Wien	15 Mar	
Guy Drut	FRA	06 Dec 50	189/75	b 7.8	(3)	EiCh	Wien	15 Mar	
Berkes				b 7.8	(3)r2		Berlin	4 Dec	
(17 performances)									
Lorand Milassin	HUN	18 Jan 48	183/74	7.9	(1)		Budapest	15 Feb	
(10)									
Milan Kotík	CSR	18 Jan 44	188/85	7.9	(1)h		Jablonec	21 Feb	
Sergio Liani	ITA	03 Aug 43	182/66	7.9	(1)		Sofia	22 Feb	
Vitaliy Silayev	URS	07 Feb 46		b 7.9	()s		Moskva	26 Feb	

Valentin Balakhnichev	URS	23 Apr 49		b 7.9	()s	Moskva	26 Feb
Yevgeniy Mazepa	URS	23 Feb 49	192/79	b 7.9	()s	Moskva	26 Feb
Oleg Stepanenko	URS	20 Oct 39	183/69	b 7.9	()s	Moskva	26 Feb
Helmut Haid	AUT	18 Nov 38	180/70	7.9	(1)	Innsbruck	Mar
Nicolae Pertea	ROU	10 Aug 44	186/76	b 7.9	(4)s1 EiCh	Wien	15 Mar
Ivan Sedláček	CSR	03 Feb 46	186/80	b 7.9	(5)s1 EiCh	Wien	15 Mar
Werner Trzmiel	FRG	16 Mar 42	183/74	b 7.9	(4) EiCh	Wien	15 Mar
	(20)						
André Brilland	FRA	21 Feb 44		7.9	(4)r2	Berlin	4 Dec
Graham Gower	GBR	25 May 47	183/67	7.9	(1)	Cosford	12 Dec
	(22 performers)						

110 METRES HURDLES

Thomas Hill	USA	17 Nov 49	188/75	b 13.6y	(1)r1	Houston	14 Feb
Hill				b 13.7y	(1)h	Houston	14 Feb
Herman Franklin	USA	09 Jul 48	185/74	b 13.7y	(2)r1	Houston	14 Feb
Rod Milburn	USA	18 May 50	183/80	b 13.7y	(1)r2	Houston	14 Feb
Guy Drut	FRA	06 Dec 50	189/75	13.9	(1)	Paris	13 Feb
André Brilland	FRA	21 Feb 44		14.0	(2)	Paris	13 Feb
George Carty	USA	10 Oct 45	178/77	b 14.0y	(3)r1	Houston	14 Feb
Anatoliy Mikhailov	URS	14 Nov 36	183/81	14.1	(1)	Leningrad	30 Mar
Boris Pishchulin	URS	07 Dec 45	185/75	14.1	(2)	Leningrad	30 Mar
Patrick Malrieu	FRA	09 Jun 48	184/78	14.2	(3)	Paris	13 Feb
Phil Herndon	USA			14.2y	(4)r1	Houston	15 Feb
Aleksandr Demus	URS	10 Mar 47	180/78	14.3	(1)	Voroshilovgrad	Feb
François Tracanelli	FRA	04 Feb 51	187/75	14.3	(4)	Paris	13 Feb

4 x 400 METERS RELAY

URSS				b 3:05.9	(1)	EiCh	Wien	15 Mar
(Borisenko 47.5, Zorin 46.5, Savchuk 46.3, Bratchikov 45.6)								
POL				b 3:07.5	(2)	EiCh	Wien	15 Mar
(Werner, Gredzinski, Balachowski, Badenski)								
VfB Stuttgart (FRG)				b 3:10.2	(1)		Berlin	21 Feb
(Hübner, Moser, Ströhhacker, Müller)								
FRG				b 3:10.7	(3)	EiCh	Wien	15 Mar
(Hübner 48.4, Tofaute 47.4, Müller 48.1, Ströhhacker 48.8)								
Bayer 04 Leverkusen (FRG)				b 3:11.0	(2)		Berlin	22 Feb

(Eigenherr, Jochen, Jellinghaus, Reich)

Texas A & M (ISA)	b 3:12.7*	(1)	Fort Worth	6 Feb
(M Mills 48.1y, McMahan 50.6y, Blackmon 47.3y, C Mills 47.8y)				

Oversized

Texas A & M (USA)	b 3:04.6*	(1)r1	Houston	14 Feb
(McMahan 48.1y, M Mills 46.7y, Blackmon 46.3y, C Mills 44.6y)				
Prairie View (USA)	b 3:06.1*	(1)r2	Houston	14 Feb
(Ball 48.8y, Dotson 47.2y, Newhouse 45.7y, Boggess 45.5y)				
Villanova (USA)	b 3:06.8*	(2)r1	Houston	14 Feb
(Hyman 46.9y, Govan 47.7y, H Davis 47.2y, L James 46.1y)				
Tennessee (USA)	b 3:07.8*	(3)r1	Houston	14 Feb
(A Henderson 48.4y, Powers 47.2y, Hardy 46.8y, McAlhaney 46.5y)				
Rice (USA)	b 3:08.0*	(4)r1	Houston	14 Feb
(Monette 48.3y, Grandjean 47.9y, Straub 46.7y, Askey 46.2y)				
Texas A&M (USA)	b 3:08.3*	(1)h	Houston	13 Feb
(McMahan 48.6y, M Mills 46.8y, Blackmon 46.9y, C Mills 47.1y)				
Oklahoma (USA)	b 3:08.4*	(5)r1	Houston	14 Feb
(Newsome 48.8y, Cotner 46.9y, McKinnis 47.0y, Willie 46.8y)				
Rice (USA)	b 3:08.8*	(2)	Houston	13 Feb
(Monette, Grandjean, Straub, Askey)				
Abilene Christian College (USA)	b 3:08.9*	(1)h	Houston	13 Feb
(Woodroff 48.5y, Overly 48.3y, Fry 47.7y, Colglazier 45.5y)				
McNeese State (USA)	b 3:08.9*	(2)r2	Houston	14 Feb
(Hicks 47.4y, Digby 49.1y, Sorrel 47.9y, McSweeney 45.6y)				
Arkansas A & M	b 3:09.4*	(3)r2	Houston	14 Feb