

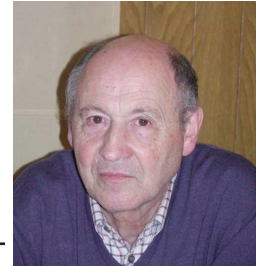
# Progresión de los Récords de Europa al Aire Libre Progression of the European Outdoor Records

(cerrado a / as at 31.12.2020)

Revisado, completado, corregido y actualizado

Revised, completed, corrected and updated

Por/by José María García



*“A los admirados atletas europeos de todas las épocas y a mis estimados colegas estadísticos, españoles y extranjeros, con los que me he relacionado en el último medio siglo”.*

*Devoted to all the admired european athletes of all time, and to my respected colleagues in statistics, both spaniards and foreign, whom I have met in the last half century.*

## Introducción

Permitidme unas breves líneas como introducción a la cronología de récords y mejores marcas de Europa que tengo el honor de presentar.

En primer lugar tengo que manifestar algo obvio; se trata de una lista de marcas con un breve suplemento, y no de un relato -ni siquiera muy resumido- de la historia del atletismo europeo (de ello ya se ocuparon en su día, con la debida extensión, entre otros, los expertos italianos Roberto Quercetani y Luciano Serra- y el francés Gaston Meyer-, en los años sesenta).

Mucho antes, en 1898, Montague Shearman publicó el libro ATHLETICS, una espléndida descripción del atletismo británico, con un capítulo dedicado al atletismo norteamericano, escrito por Charles Sherrill.

He aquí una breve relación de fechas fundamentales, muy resumida, del atletismo moderno:

1864: Primer match Oxford-Cambridge (Oxford, Christ Church Ground).

1866: Primer campeonato inglés (Londres, Beaufort House)

1896: Primeros Juegos Olímpicos (Atenas).

1912: Fundación de la IAAF (Estocolmo).

1921: Fundación de la FSFI (París), organismo que rigió el atletismo femenino hasta 1936,

año en que pasa a integrarse en la IAAF.

1930: Primeros Juegos del Imperio Británico (Hamilton).

1934: Primer Campeonato de Europa (Turín).

1983: Primer Campeonato del Mundo (Helsinki).

Mi objetivo ha sido recuperar toda la cronología europea desde la primera marca significativa.

Ello me ha obligado a añadir 435 marcas anteriores al inicio de la lista publicada en el libro del Campeonato de Europa anterior (Goteborg 2006). Desglose: 299 masculinas y 136 femeninas.

## Introduction

Allow me a few brief lines as an introduction to the list of records and European best performances which I am honoured to present.

In the first place I have to state the obvious: it is a list of performances with a brief supplement and not a story, nor even a summary, of the history of European athletics (the Italian experts Roberto Quercetani and Luciano Serra – and the Frenchman Gaston Meyer – among others in their day took care of that with due extent in the Sixties). Much earlier, in 1898, Montague Shearman published the book ATHLETICS, a splendid description of British athletics, with a chapter dedicated to North American athletics written by Charles Sherrill.

I have set out here a brief summary of important dates of modern athletics:

1864: First Oxford – Cambridge match (Oxford, Christ Church Ground)

1866: First English Championships (London, Beaufort House)

1896: First Olympic Games (Athens)

1912: Founding of IAAF (Stockholm)

1921: Founding of FSFI (Paris), an organisation which governed women's athletics up to 1936 when it amalgamated with IAAF.

1930: First British Empire Games (Hamilton)

1934: First European Championships (Turin)

1983: First World Championships (Helsinki)

My objective has been to restore the complete European list from the first significant results. I have had to add 435 earlier results to the start of the list published in the book for the previous European Athletics Championships (Gothenburg 2006). Namely: 299 male performances and 136 female.

For the restoration of earlier results, the majority from the XIX century, the two important (and essential) sources



Para esta recuperación de marcas antiguas, la mayoría del siglo XIX, las dos fuentes fundamentales (e imprescindibles) han sido el libro de la IAAF de 2007 con la cronología detallada y comentada de las mejores marcas y récords mundiales, y la magnífica cronología de sus récords nacionales que publicaron los estadísticos británicos en los años noventa.

Me ha parecido un acto de justicia rescatar del olvido a todos aquellos atletas, principalmente ingleses e irlandeses, que comenzaron a escribir la historia de este deporte que tanto amamos.

Asimismo he añadido también marcas igualadas, saltos y lanzamientos en intentos previos (algunos olvidados o/y omitidos, y otros desconocidos), así como marcas eléctricas antiguas y algunos relevos cortos femeninos de la primera época (en total 137 marcas, 54 masculinas y 83 femeninas).

Por otra parte he retirado de la lista 34 marcas (13 masculinas y 21 femeninas) por distintos motivos (la explicación figura en los suplementos finales).

Si algún colega opina que falta algún resultado, espero que lo encuentre allí.

Las marcas añadidas de este último período (2006, 2007, 2008, 2009 y 2010 -hasta 30 junio-) han sido 19 solamente (2 masculinas y 17 femeninas), lo que pone de manifiesto el estancamiento del atletismo europeo.

En cuanto a las marcas de atletas profesionales (siglo XIX y primera década del XX) he preferido no tenerlas en cuenta.

En algunos marcas (lanzamientos femeninos) hay dudas sobre el artefacto utilizado en la primera época (duda que he hecho constar en cada caso entre paréntesis) o sobre el estilo utilizado (en jabalina, algún probable resultado con estilo libre).

Al final de la lista femenina he añadido tres pruebas (3000m, 80m vallas y pentathlon) que fueron oficiales antes de su tardía substitución por los 5000m, 100m vallas y heptathlon.

También en caso de doble versión en la fecha (generalmente en el día) unas veces he dejado las dos fechas y otras me he inclinado por una (en algunos casos he puesto entre paréntesis la versión probablemente errónea).

He conservado los tiempos en fracciones originales (mitad, cuartos y quintos de segundo).

La conversión de pies-pulgadas se ha hecho en las primeras épocas a milímetros en salto de altura, en medios centímetros en pértiga y longitud, y en centímetros redondeados a partir del triple salto (aunque en los años veinte todavía se incluían medios centímetros en lanzamiento de peso).

Este redondeo en centímetros provocó que según las diversas fuentes, en unos casos se redondease al alza y en otros a la baja (hay muchos ejemplos, pero basta con dos, ambos en martillo: Mitchell 44.20 ó 44.21 en 1892 y Flanagan 51.61 ó 51.62 en 1900).

have been the IAAF book of 2007 with the detailed and explanatory progression of best performances and world records and the magnificent table of national records which British statisticians published in the Nineties.

It seemed right that all those athletes, mainly British and Irish, who began to write the history of this sport which we love so much, should be rescued from obscurity. Likewise I have also added identical results, jumps and throws from previous rounds (some forgotten and/or omitted, and others unknown), as well as early electronic timings and some women's short relays from the early competitions (in total 137 results, 54 male and 83 female).

On the other hand I have removed from the list 34 results (13 male and 21 female) for different reasons (the explanation is in the notes at the end). If anyone feels they are missing any result, I hope you find it there.

The results added over the latter period (2006, 2007, 2008, 2009 and 2010 -till the 30th of June-) have totalled only 19 (2 male and 17 female) which puts into perspective how European athletics has not made much progress.

As regards the performances of professional athletes (XIX century and the first decade of XX) I have preferred not to take them into account.

In some cases (women's throws) there are doubts about the equipment used in the early days (a doubt I have highlighted in brackets on each occasion) and on the technique used (in the javelin some result may have come about using the free style technique).

At the end of the women's list I have added three events (3000m, 80m hurdles and the pentathlon) which were official until they were later replaced by the 5000m, 100m hurdles and the heptathlon. Also where the date has been duplicated (usually the day) on occasions I have left the two dates and in others I have gone for one (in some cases I have put in brackets the probable erroneous version).

I have kept the times in the original fractions (half, quarters and fifths of a second). The conversion from feet – inches, from the early period, has been to millimetres in the high jump, to half centimetres in the pole vault and long jump, and in rounded centimetres in the triple jump (although in the Twenties half centimetres were still measured in the shot put).

This rounding in centimetres resulted, according to different sources, in rounding upwards in some cases and downward in others (there are many examples but two are sufficient, both in the hammer: Mitchell 44.20m or 44.21m in 1892 and Flanagan 51.61m and 51.62 in 1900). In the early days there are several matters to be taken into account in some events, especially in the throws: there are short explanations at the start of each list.

I have followed the IAAF criteria about the nationality of the emigrant Irish athletes to the United States (examples: James Mitchell in the shot put and hammer, European up to 1892, North American from 1893, John Flanagan in the ham-



En la primera época, hay varias cuestiones a tener en cuenta en algunas pruebas, sobre todo en lanzamientos, por ello al inicio de cada cronología, se dan unas breves explicaciones.

He seguido el criterio de la IAAF en la nacionalidad de los atletas irlandeses emigrantes en Estados Unidos (ejemplos: James Mitchel en peso y martillo, europeo hasta 1892, norteamericano desde 1893, John Flanagan en martillo, europeo hasta 1900, norteamericano desde 1901).

Para hacer más fácil la lectura he separado los períodos olímpicos con una línea en blanco, incluso en la época anterior al restablecimiento de los Juegos Olímpicos (propuesto por el Barón Pierre de Coubertin en 1892 en París y aceptado en 1894 en la misma ciudad con la creación del Comité Olímpico Internacional).

Al cotejar diversas fuentes de información, se observan numerosas diferencias (sobre todo en fechas) aunque también, a veces, hay discrepancia sobre la aceptación o rechazo de algunas marcas.

Como la fuente principal de consulta es el libro de la IAAF de 2007 (progresión de récords y mejores marcas mundiales), cuando se incluye una marca que no figura en dicho libro (una vez suficientemente comprobada en otras fuentes), pongo a continuación un paréntesis aludiendo a dicha ausencia; también entre paréntesis se alude a las diferencias en las fechas.

Por ello, con vistas a una próxima edición de la repetida publicación, me ha parecido conveniente enviar un informe a la IAAF recogiendo dichas incidencias (errores a corregir y discrepancias diversas a investigar).

Respecto a la marcha, he reproducido las cronologías de las tres pruebas oficiales, aparecidas en el libro estadístico de la Copa del Mundo de Marcha de la IAAF, publicado en 2006 (pgs.201-210), cuyo compilador original fue Richard Hymans, con asistencia de José Javier Etayo, que incorporó varias marcas alemanas y danesas de la primera época.

Por mi parte he añadido la prueba femenina de 10 kilómetros ruta que fue oficial hasta 1998 (el marchador sueco Birger Fält me ha resuelto la única duda que tenía sobre una marca sueca de 1944).

### **Agradecimientos**

Nuestro colega residente en París, José Guilloto ha aclarado la veracidad y la regularidad (o irregularidad) de algunas marcas (por ejemplo en steeple, ha averiguado que en los 9.36-9.33 de 1923-24 en el estadio Pershing de París sí hubo foso de agua, contra la versión que afirmaba su ausencia, aportando incluso una foto del momento en que se franquea dicho obstáculo).

Algunos colegas británicos (Peter Matthews, Peter Lovesey) nos han resuelto ciertas dudas sobre alguna marca de la década de los ochenta (del siglo XIX).

mer, European to 1900, North American from 1901).

To make reading easier I have separated the Olympic periods with a gap, even in the period prior to the re-establishment of the Olympic Games (proposed by Baron Pierre de Coubertin in 1892 in Paris and accepted in 1894 in the same city when the International Olympic Committee was created).

When comparing different sources of information, numerous differences were noted (especially on the dates) although there was also at times a discrepancy in or rejection of some results.

The main source of reference is the IAAF book of 2007 (progression of records and world best performances), but when a result is included which doesn't appear in the aforementioned book (after having been sufficiently verified in other sources), I have identified in brackets reference its absence; also within the brackets I have referred to the differences in dates. Therefore, with the next edition of the publication in mind, I thought it advisable to send a report to the IAAF setting out those changes (mistakes to be corrected and different discrepancies to be checked).

With regard to the walks, I have repeated the lists for the three official events, as in the statistical book IAAF World Race Walking Cup, published in 2006 (pgs 201-210), originally compiled by Richard Hymans, with the assistance of José Javier Etayo, who added several German and Danish times from the early period.

For my part I have added the women's 10 kilometres road event which was official until 1998 (the Swedish walker Birger Fält removed the only doubt which I had about a Swedish time in 1944).

### **Acknowledgements**

Our colleague living in Paris, José Guilloto has resolved the accuracy and regularity (or irregularity) of some times (for example, in the steeplechase, he has established that the times of 9.36 and 9.33 in 1923 & 1924 achieved in the Pershing de Paris stadium did include a water jump, contrary to the version that stated there was none, and he even produced a photograph of the moment when that obstacle was jumped).

Some British colleagues (Peter Matthews, Peter Lovesey) have removed certain doubts about some performances from the 1880's.

Ottavio Castellini has given me information about Mecconi's attempts in the shot put in 1962 and the long distance performances of Pasquali in 1965-66.

Other colleagues from abroad (Alexandru Boriga, Györgi Csiki, Tony O'Donoghue, Nejat Kok, Peter Larsson, Marco Martini, Roberto Quercetani, Gabor Szabo, Janusz Wasko) have replied to our queries about different versions of some performances, dubious dates, etc.

José Javier Etayo has searched through old German sources (about women's performances mainly in the Twenties)



Ottavio Castellini me ha informado sobre los intentos de Meconi en peso en 1962 y sobre las marcas de fondo de Pasquali en los años 1965-66.

Otros colegas extranjeros (Alexandru Boriga, Györgi Csiki, Tony O'Donoghue, Nejat Kok, Peter Larsson, Marco Martini, Roberto Quercetani, Gabor Szabo, Janusz Wasko) han contestado a nuestras consultas sobre diferentes versiones de algunas marcas, fechas dudosas, etc.

José Javier Etayo ha consultado fuentes alemanas antiguas (sobre marcas femeninas de los años veinte principalmente), lo que me ha servido para completar y perfeccionar la época inicial de algunas pruebas.

Enrique Tre ha revisado escrupulosamente las pruebas combinadas (y ha corregido dos errores de un punto en la conversión a la tabla actual de dos decatlonos antiguos).

A José Luis Hernández, que me ha ayudado a contactar con varios colegas extranjeros en solicitud de aclaración sobre determinadas marcas, tengo que agradecerle su paciencia y su constante buena disposición a todas mis peticiones (cambios de datos con posterioridad a la maquetación original, búsqueda de fotografías apropiadas para intercalar en el texto, etc.).

Por último tengo que manifestar mi gratitud a Miguel Villaseñor, por su incondicional apoyo durante el último año con su abundante y precisa correspondencia (veintitantos folios), no sólo facilitando adendas, sino también sugiriendo ideas, discutiendo dobles versiones de fechas, ayudando a establecer criterios, investigando fuentes diversas en Internet, etc.

Agradeceré cualquier adenda y corrección que se me comunique.

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*En enero de 2011 se ha publicado la segunda edición (y en Enero de 2012 la tercera) del libro de John Brant y Janusz Wasko con los rankings mundiales femeninos entre 1921 y 1962, en el que figuran algunas marcas, que nos eran desconocidas, que hubieran podido incluirse en la cronología europea (bien en la lista o bien en el suplemento), pero nos parece que este es un tema a tratar en el futuro, que no debemos afrontar ahora, dada su trascendencia, complejidad y repercusión en la historia atlética europea.*

which has helped me complete and improve on some events from the early period.

Enrique Tre has scrupulously reviewed the combined events (and has corrected two mistakes of one point in the conversion to the current table of two former decathletes).

I have to thank José Luis Hernández for helping me contact several colleagues abroad, requesting an explanation of certain performances, and for his patience and his constant willingness to all my requests (changes of details after the original draft, searches for photographs suitable for insertion within the text, etc).

Finally I have to show my gratitude to Miguel Villaseñor for his wholehearted support during the past year, with his abundant and precise correspondence (more than twenty pages), not only supplying information but also suggesting ideas, discussing duplications of dates, helping to establish criteria, searching the internet for different sources, etc.

I shall be grateful for any information or amendment sent to me.

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*In January 2011 John Brant and Janusz Wasko published the second edition (& in January 2012 the third) of their book with women's world rankings between 1921 and 1962. It contains some marks which were unknown for us. These marks could have included in European chronology (either on the list or in the supplement), but we think this is an issue to be discuss in the future and we should not tackle now, given its importance, complexity and impact on the history of european athletics.*



## HOMBRES / MEN

### 100 m

Note: 10.4/5 marks not cited in IAAF World Records book: Ernest Kuhn-SUI & Andre Passat-FRA 14.6.1903 Gradignan.

There are other 10.4/5 & 10.3/5 marks which were made under uncertain conditions during the 1st decade of the 20th century.

10.4/5	WB	Cecil	Lee	GBR	Bruxelles	25	9	1892
10.4/5	WB	Etienne	de Ré	BEL	Bruxelles	4	7	1893
10.4/5	WB	L	Atcherley	GBR	Frankfurt/Main	13	4	1895
10.4/5	WB	Harry	Beaton	GBR	Rotterdam	28	8	1895
10.4/5	WB	Harald	Andersson	SWE	Helsingborg	9	8	1896
10.4/5	WB	Isaac	Westergren	SWE	Gävle	11	9	1898
10.4/5	WB	Isaac	Westergren	SWE	Gävle	10	9	1899
10.4/5	WB	Carl	Ljung	SWE	Stockholm	23	9	1900
10.4/5	WB	Eric	Frick	SWE	Jönköping	9	8	1903
10.4/5	WB	Leonard	Tremeer	GBR	Bruxelles	21	7	1906
10.4/5	WB	Knut	Lindberg	SWE	Malmö	5	8	1906
10.3/5	WB	Knut	Lindberg	SWE	Göteborg	26	8	1906
10.3/5	WB	Richard	Rau	GER	Praha (h)	28	5	1911
10.3/5	WB	Richard	Rau	GER	Praha (f)	28	5	1911
		(only once in IAAF WR/WB progression, but twice in German source)						
10.3/5	WB	Richard	Rau	GER	Berlin	9	7	1911
10.5	WB	Emil	Ketterer	GER	Karlsruhe	9	7	1911
10.5	WB	Richard	Rau	GER	Braunschweig	13	8	1911
10.5	WB	Richard	Rau	GER	München	12	5	1912
10.5	WB	Erwin	Kern	GER	München	26	5	1912
10.5	EB	Hubert	Houben	GER	Frankfurt/Main	3	9	1922
10.5	EB	Hubert	Houben	GER	Köln	29	5	1924
10.5	EB	Hubert	Houben	GER	Düsseldorf (A-race)	8	6	1924
10.5	EB	Hubert	Houben	GER	Düsseldorf (B-race)	8	6	1924
10.5	EB	Hubert	Houben	GER	Duisburg	9	6	1924
10.5	EB	Hubert	Houben	GER	København	22	6	1924
10.5	EB	Hubert	Houben	GER	Krefeld	27	7	1924
10.5	EB	Hubert	Houben	GER	München	20	9	1924
10.5	EB	Hubert	Houben	GER	Magdeburg	17	9	1925
10.5	EB	Joachim	Büchner	GER	Magdeburg	17	9	1925
10.5	EB	Richard	Corts	GER	Ulm	4	10	1925
10.4	WB	Helmut	Körnig	GER	Halle	29	8	1926
10.4	WB	Helmut	Körnig	GER	Brieg	12	9	1926
10.4	WB	Hubert	Houben	GER	Hannover	4	9	1927
10.4	WB	Jakob	Schüller	GER	Hannover	4	9	1927
10.4	WB	Ernst	Geerling	GER	Frankenthal	1	7	1928
10.4	WB	Richard	Corts	GER	Düsseldorf	15	7	1928
10.4	WB	Georg	Lammers	GER	Oldenburg (other sources: Barmen)	26	8	1928
10.4	WB	Georg	Lammers	GER	Barmen	2	9	1928
		(mark not included in IAAF WR/WB progression)						
10.4	WB	Georg	Lammers	GER	Oldenburg	12	5	1929
10.4	WB	Eugen	Eldracher	GER	Mannheim	30	6	1929
10.4	WB	Georg	Lammers	GER	Bremen	13	7	1929
10.4	WB	Georg	Lammers	GER	Neuss	21	7	1929
10.4	WB	Georg	Lammers	GER	Köln	31	7	1929
10.4	WB	Georg	Lammers	GER	Bochum	8	9	1929
10.4	WB	Georg	Lammers	GER	Flensburg	1	6	1930
10.4	WB	Helmut	Körnig	GER	Stockholm	20	7	1930
10.4	WB	Georg	Lammers	GER	Königsberg	2	8	1930



10.4		EB	Georg	Lammers	GER	Varel	24	8	1930
10.4		EB	Helmut	Körnig	GER	Bremen	17	5	1931
10.4		EB	Arthur	Jonath	GER	Köln	27	5	1931
10.4		EB	Georg	Lammers	GER	Osnabrück	31	5	1931
10.4		EB	Helmut	Körnig	GER	Rostock	5	7	1931
10.4		EB	Gustav	Hanssen	NOR	Hamburg	2	8	1931
10.4		EB	Helmut	Körnig	GER	Hamburg	14	8	1931
10.4		EB	Erhard	Pflug	GER	Flensburg	23	8	1931
10.4		EB	Arthur	Jonath	GER	Gronau	4	10	1931
10.4		EB	Arthur	Jonath	GER	Hamburg	3	6	1932
10.3		ER	Arthur	Jonath	GER	Bochum	5	6	1932
10.3		EB	Arthur	Jonath	GER	Düsseldorf (other sources Hamm)	23	7	1933
10.3		EB	Erich	Borchmeyer	GER	Köln	12	8	1933
10.3		EB	Erich	Borchmeyer	GER	Berlin	1	7	1934
10.3		EB	Erich	Borchmeyer	GER	Frankfurt/Main	22	7	1934
10.3		WR	Christiaan	Berger	NED	Amsterdam	26	8	1934
10.3		ER	Lennart	Strandberg	SWE	Malmö	26	9	1936
10.3		ER	Karl	Neckermann	GER	Berlin	8	7	1939
10.3		EB	Jakob	Scheuring	GER	Lahr	13	8	1939
10.3		EB	McDonald	Bailey	GBR	Norrköping	4	9	1950
10.2		WR	McDonald	Bailey	GBR	Beograd	25	8	1951
10.2	+1.1	WR	Heinz	Fütterer	FRG	Yokohama	31	10	1954
10.2	+0.2	ER	Manfred	Germar	FRG	Köln	31	7	1957
10.2	0.0	EB	Manfred	Germar	FRG	Budapest	12	10	1957
10.2	+1.5	EB	Heinz	Fütterer	FRG	Hannover (sf1)	20	7	1958
10.2	+1.5	EB	Armin	Hary	FRG	Hannover (sf1)	20	7	1958
10.2	0.0	EB	Manfred	Germar	FRG	Hannover (f)	20	7	1958
10.2	0.0	EB	Armin	Hary	FRG	Hannover (f)	20	7	1958
10.2	0.0	EB	Armin	Hary	FRG	Dortmund	27	9	1958
10.2		ER	Livio	Berruti	ITA	Verona	26	5	1960
10.2	+2.0	EB	Manfred	Germar	FRG	Malmö	7	6	1960
10.2	+1.0	EB	Armin	Hary	FRG	Köln	15	6	1960
10.0	+0.9	WR	Armin	Hary	FRG	Zürich (10.25)	21	6	1960
10.0	+2.0	WR	Roger	Bambuck	FRA	Sacramento, CA (h4/10.28)	20	6	1968
10.0	+0.9	EB	Roger	Bambuck	FRA	Sacramento, CA (sf2/10.21)	20	6	1968
10.0	+2.0	EB	Vladislav	Sapeya	URS	Leningrad	20	7	1968
10.0	0.0	ER	Vladislav	Sapeya	URS	Leninakan	15	8	1968
10.0		ER	Valeriy	Borzov	URS	Kiev	18	8	1969
10.0	+1.8	ER	Gert	Metz	FRG	Burg Gretesch	6	9	1970
10.0	0.0	ER	Manfred	Kokot	GDR	Erfurt	15	5	1971
10.0		EB	Valeriy	Borzov	URS	Kiev	21	6	1971
10.0	+1.7	ER	Vassilios	Papageorgopoulos	GRE	Bratislava	3	6	1972
10.0	0.0	EB	Valeriy	Borzov	URS	Milano	16	6	1972
10.0	0.0	ER	Pietro	Mennea	ITA	Milano	16	6	1972
10.0		EB	Valeriy	Borzov	URS	Moskva	18	7	1972
10.0	+1.9	ER	Raimo	Vilen	FIN	Vuosaari	27	7	1972
10.0	+1.2	ER	Aleksandr	Kornelyuk	URS	Moskva	10	7	1973
10.0	+0.9	ER	Michael	Droese	GDR	Dresden	11	7	1973
10.0	+0.4	ER	Hans-Jürgen	Bombach	GDR	Dresden	20	7	1973
10.0	-1.1	ER	Siegfried	Schenke	GDR	Ost Berlin	29	8	1973
10.0	+1.2	ER	Manfred	Ommer	FRG	Leverkusen	22	7	1974
10.0		EB	Valeriy	Borzov	URS	Kiev	29	6	1975
10.0		EB	Valeriy	Borzov	URS	Kiev (10.27)	4	7	1975
10.0	-0.4	EB	Pietro	Mennea	ITA	Palermo	10	9	1975



9.9	+1.5	EB	Ronald	Desruelles	BEL	Merksem	23	6	1978
9.9	+1.5	EB	Aleksandr	Aksinin	URS	Leningrad	3	6	1980
9.9	+1.2	EB	Vladimir	Krylov	URS	Odessa	4	9	1985
9.9	+0.7	EB	Vitaliy	Savin	URS	Vladivostok	13	9	1988
9.9	+1.1	EB	Kestyitis	Klimas	LTU	Kaunas	22	5	1993
Automatic timing (2 times -10.25 & 10.21- already cited -in tenths & hundredths in brackets- in previous list)									
10.67		EB	Arthur	Jonath	GER	Los Angeles (h3)	31	7	1932
10.50		EB	Arthur	Jonath	GER	Los Angeles (f)	1	8	1932
10.36	+1.0	EB	Jocelyn	Delecour	FRA	Warszawa	14	6	1958
10.32	0.0	WB	Jocelyn	Delecour	FRA	Thonon-les-Bains	10	8	1958
10.31	+1.4	WB	Peter	Radford	GBR	Colombes (N.Allen version: 10.29)	13	9	1958
10.31	+1.8	WB	Armin	Hary	FRG	Paris (JB)	23	5	1959
10.31	+1.8	WB	Jocelyn	Delecour	FRA	Paris (JB)	23	5	1959
10.25	+0.9	WB	Armin	Hary	FRG	Zürich	21	6	1960
10.24	0.0	EB	Roger	Bambuck	FRA	Montréal	9	8	1967
10.23	+1.0	EB	Roger	Bambuck	FRA	Paris (JB)	12	6	1968
10.21	+0.9	EB	Roger	Bambuck	FRA	Sacramento, CA	20	6	1968
10.18	+0.7	EB	Roger	Bambuck	FRA	Ciudad de México (h5)	13	10	1968
10.17	+0.5	EB	Roger	Bambuck	FRA	Ciudad de México (qf2)	13	10	1968
10.11	+1.6	EB	Roger	Bambuck	FRA	Ciudad de México (sf1)	14	10	1968
10.07	0.0	ER	Valeriy	Borzov	URS	München	31	8	1972
10.01	+0.9	ER	Pietro	Mennea	ITA	Ciudad de México	4	9	1979
10.00	+2.0	ER	Marian	Woronin	POL	Warszawa	9	6	1984
9.97	+1.1	ER	Linford	Christie	GBR	Seoul	24	9	1988
9.92	+1.2	ER	Linford	Christie	GBR	Tokyo	25	8	1991
9.87	+0.3	ER	Linford	Christie	GBR	Stuttgart	15	8	1993
9.86	+0.6	ER	Francis	Obikwelu	POR	Athína	22	8	2004
9.86	+1,3	ER	Jimmy	Vicaut	FRA	Saint-Denis	4	7	2015
9.86	+1,8	ER	Jimmy	Vicaut	FRA	Montreuil-sous-Bois	07	6	2016

## 200m (turn)

Note 1: y = 220 yards (201,17 metres).

Note 2: Ov. = Oversized track.

24.0y	WB	Percy	Thornton	GBR	London (Br)	24	2	1866
23.1/4y	WB	Charles	Emery	GBR	London (BH)	19	5	1866
23.0y	WB	William	Collett	GBR	London (Br)	24	11	1866
22.3/4y	WB	Edward	Colbeck	GBR	London (Br)	31	5	1867
22.3/5y	WB	Frederick	Elborough	GBR	London (LB)	7	10	1876
22.1/5y	WB	James	Cowie	GBR	London (CB)	25	7	1885
22.1/5y	WB	Charles	Wood	GBR	London (CB)	24	7	1886
22.0	EB	Richard	Rau	GER	Braunschweig	28	6	1911
22.0	EB	Richard	Rau	GER	München	20	8	1911
21.9	EB	Willie	Applegarth	GBR	Stockholm	10	7	1912
21.9	EB	Richard	Rau	GER	Berlin	15	8	1912



21.4/5y		EB	Willie	Applegarth	GBR	London (SB)	21	9	1912
21.4/5y		EB	Willie	Applegarth	GBR	London (SB)	22	5	1913
21.3/5y		EB	Willie	Applegarth	GBR	London (SB)	5	7	1913
21.6		EB	Willie	Applegarth	GBR	London (SB) (h)	20	6	1914
21.6		EB	Willie	Applegarth	GBR	London (SB) (f)	20	6	1914
21.6 (almost straight)		EB	Richard	Rau	GER	Berlin (600m track)	28	6	1914
21.1/5y		WR	Willie	Applegarth	GBR	London (SB)	4	7	1914
20.9 (almost straight)		ER	Helmut	Körnig	GER	Berlin (600m track)	19	8	1928
21.0		WB	Helmut	Körnig	GER	Bochum (426m track)	26	8	1928
21.0		WB	Jozsef (mark not included in IAAF WR/WB progression)	Kovacs	HUN	Budapest	15	10	1933
21.0 Ov.?		EB	Jakob	Scheuring	GER	Mannheim (500m track?)	24	6	1939
21.0		EB	Jakob	Scheuring	GER	Stuttgart	30	8	1941
21.0		EB	Harald	Mellerowicz	GER	Kraków	20	9	1942
21.1y		EB	McDonald	Bailey	GBR	London (WC)	13	5	1950
21.0		EB	McDonald	Bailey	GBR	Stockholm	6	9	1950
20.9		EB	McDonald	Bailey	GBR	Colombes	10	9	1950
20.9		EB	McDonald	Bailey	GBR	Göteborg	24	9	1950
20.9		EB	McDonald	Bailey	GBR	Beograd	26	8	1951
20.9		EB	McDonald	Bailey	GBR	London (WC)	24	5	1952
20.9		EB	McDonald	Bailey	GBR	Berlin	21	9	1952
20.9		ER	Heinz	Fütterer	FRG	Bern	29	8	1954
20.8	+1.4	ER	Heinz	Fütterer	FRG	Osaka	16	10	1954
20.8	+1.1	ER	Heinz	Fütterer	FRG	Yokohama	31	10	1954
20.6 Ov.	0.0	ER	Heinz	Fütterer	FRG	Köln (500m track)	4	9	1955
20.4 Ov.		EB	Manfred	Germar	FRG	Köln (500m track)	31	7	1957
20.8		EB	Manfred	Germar	FRG	Hannover	15	9	1957
20.8		EB	Manfred	Germar	FRG	Oslo	5	9	1958
20.8	0.0	EB	Peter	Radford	GBR	Colombes	14	9	1958
20.8		EB	Manfred	Germar	FRG	Augsburg	21	9	1958
20.6		WR	Manfred	Germar	FRG	Wuppertal	1	10	1958
20.5y		WR	Peter	Radford	GBR	Wolverhampton	28	5	1960
20.5		WR	Livio	Berruti	ITA	Roma (sf2/20.65)	3	9	1960
20.5		WR	Livio	Berruti	ITA	Roma (f/20.62)	3	9	1960
20.4 Ov.		EB	Abdoulaye	Seye	FRA	Köln (500m track)	16	9	1960
20.4	+1.4	ER	Sergio	Ottolina	ITA	Saarbrücken	21	6	1964
20.4		ER	Jan	Werner	POL	Warszawa	3	6	1967
20.4	0.0	ER	Roger	Bambuck	FRA	Paris (JB) (20.51)	30	7	1967
20.4	+0.8	EB	Roger	Bambuck	FRA	Paris (JB) (20.61)	13	6	1968
20.4 a	+0.2	EB	Roger	Bambuck	FRA	Ciudad de México (sf1/20.47)	16	10	1968
20.4 a	+0.6	ER	Jochen	Eigenherr	FRG	Ciudad de México (sf2/20.49)	16	10	1968
20.3	+0.4	ER	Philippe	Clerc	SUI	Zürich (20.50)	4	7	1969
20.2		ER	Valeriy	Borzov	URS	Moskva	18	7	1971
20.2	0.0	ER	Pietro	Mennea	ITA	Milano	17	6	1972
20.0 a	0.0	ER	Valeriy	Borzov	URS	München (20.00)	4	9	1972
19.8	+0.8	EB	Pietro	Mennea	ITA	Ciudad de México	3	9	1979
Automatic timing (5 times -20.65 ..... 20.00- already cited -in tenths & in hundredths in brackets- in previous list)									
21.83		WB	Arthur	Jonath	GER	Los Angeles (h6)	2	8	1932
21.48		EB	Arthur	Jonath	GER	Los Angeles (qf4)	2	8	1932



21.27		EB	McDonald	Bailey	GBR	Helsinki (qf3)	22	7	1952
21.14	+1.0	EB	McDonald	Bailey	GBR	Helsinki (f)	23	7	1952
21.09	+0.6	EB	Jocelyn	Delecour	FRA	Colombes	26	7	1958
20.92 Ov.	+0.5	EB	Jocelyn	Delecour	FRA	Paris (JB) (450m track)	23	5	1959
21.06	-4.0	EB	Livio	Berruti	ITA	London (WC)	15	6	1960
20.99		EB	Abdoulaye	Seye	FRA	Zürich	21	6	1960
20.95		EB	Abdoulaye	Seye	FRA	Roma (qf2)	2	9	1960
20.91		EB	Livio	Berruti	ITA	Roma (qf4)	2	9	1960
20.65		WB	Livio	Berruti	ITA	Roma (sf2)	3	9	1960
20.62		WB	Livio	Berruti	ITA	Roma (f)	3	9	1960
20.51	0.0	EB	Roger	Bambuck	FRA	Paris (JB)	30	7	1967
20.47	+0.2	EB	Roger	Bambuck	FRA	Ciudad de México	16	10	1968
20.31	0.0	EB	Valeriy	Borzov	URS	Helsinki (IAAF version: 20.30)	13	8	1971
20.00	0.0	ER	Valeriy	Borzov	URS	München	4	9	1972
19.96	+0.2	ER	Pietro	Mennea	ITA	Ciudad de México	10	9	1979
19.72	+1.8	WR	Pietro	Mennea	ITA	Ciudad de México	12	9	1979

#### 400 m

Note 1: y = 440 yards (402.34 metres).

Note 2: Private matches excluded (50.1/4y: Ch.Guy Pym 11.11.1865 & Edward Colbeck 17.6.1868, both GBR, London-BH).

54.0y		WB	..... (mark not included in IAAF WR/WB progression)	Wade	GBR	Rugby	7	10	1856
53.1/2y		WB	Edward	Hunt	GBR	Dublin	17	5	1865
53.1/5y		WB	Charles	Fell	GBR	London (BH)	17	2	1866
51.1/2y		WB	Montagu	Knight	GBR	Oxford	23	3	1867
51.0y		WB	John	Ridley	GBR	London (BH)	3	4	1868
51.0y		WB	Henry	Chinnery	GBR	Wimbledon	30	5	1868
50.2/5y		WB	Edward	Colbeck	GBR	London (BH)	20	6	1868
50.2/5y		WB	John	Shearman	GBR	London (LB)	7	6	1877
50.1/5y		EB	Henry	Ball	GBR	Stoke-on-Trent	1	7	1882
50.1/5y		EB	Henry	Ball	GBR	Windsor	29	7	1882
50.1/5y		EB	William	Phillips	GBR	London (SB)	28	10	1882
50.1/5y		EB	James	Cowie	GBR	London (CP)	1	6	1885
49.4/5y		EB	Charles	Wood	GBR	London (SB)	3	7	1886
49.2/5y		EB	Francis	Cross	GBR	Oxford	4	12	1888
48.1/2y		WB	Henry Lenox	Tindall	GBR	London (SB)	29	6	1889
48.1/2y		WB	Edgar	Bredin	GBR	London (SB)	22	6	1895
48.2/5y		EB	Wyndham	Halswelle	GBR	Glasgow	1	7	1908
48.2/5		EB	Wyndham	Halswelle	GBR	London (WC)	22	7	1908
48.3		EB	Hanns	Braun	GER	Stockholm	13	7	1912
48.0		EB	Joseph	Imbach	SUI	Colombes (Ol.G.Paris) (qf6)	10	7	1924
48.0		EB	Guy	Butler	GBR	Colombes (Ol.G.Paris) (sf1)	11	7	1924
47.6		ER	Eric	Liddell	GBR	Colombes (Ol.G.Paris) (f)	11	7	1924
47.6		EB	Hermann	Engelhard	GER	Colombes	8	9	1928
47.6		EB	Raymond	Boisset	FRA	Colombes	8	7	1934



47.3	EB	Godfrey	Brown	GBR	Berlin (sf2/47.31)	7	8	1936
46.7	ER	Godfrey	Brown	GBR	Berlin (f/46.68)	7	8	1936
46.7	EB	Rudolf	Harbig	GER	Milano	16	7	1939
46.7	EB	Mario	Lanzi	ITA	Milano	16	7	1939
46.0	WR	Rudolf	Harbig	GER	Frankfurt/Main	12	8	1939
46.0	ER	Ardalion	Ignatyev	URS	Moskva	25	6	1955
45.8	ER	Carl	Kaufmann	FRG	Köln	19	9	1959
45.7	ER	Carl	Kaufmann	FRG	Köln	15	6	1960
45.4	ER	Carl	Kaufmann	FRG	Berlin	24	7	1960
44.9	WR	Carl	Kaufmann	FRG	Roma (45.08)	6	9	1960
44.7 a	ER	Karl	Honz	FRG	München (44.70)	21	7	1972
Automatic timing (4 times -47.31.....44.70- already cited -in tenths & in hundredths in brackets- in previous list)								
48.91	EB	Rudolph	Klupsch	GER	Berlin	12	7	1936
48.21	EB	Hermann	Blazejezak	GER	Berlin (qf2)	6	8	1936
47.31	EB	Godfrey	Brown	GBR	Berlin (sf2)	7	8	1936
46.68	EB	Godfrey	Brown	GBR	Berlin (f)	7	8	1936
46.56	EB	Karl-Friedrich	Haas	FRG	Helsinki	25	7	1952
46.20	EB	Voitto	Hellsten	FIN	Melbourne	29	11	1956
45.88	EB	Abdoulaye	Seye	FRA	London (WC)	1	8	1960
45.88	EB	Carl	Kaufmann	FRG	Roma (sf2)	5	9	1960
45.08	EB	Carl	Kaufmann	FRG	Roma (f)	6	9	1960
45.06	EB	Martin (mistakenly rounded to 44.9)	Jellinghaus	FRG	Ciudad de México	17	10	1968
44.70	ER	Karl	Honz	FRG	München	21	7	1972
44.60	ER	Viktor	Markin	URS	Moskva	30	7	1980
44.50	ER	Erwin	Skamrahl	FRG	München	26	7	1983
44.48	EB	Thomas	Schönlebe	GDR	Potsdam	21	8	1987
44.33	ER	Thomas	Schönlebe	GDR	Roma	3	9	1987

## 800 m

Note: y = 880 yards (804.67 metres).

2:05.0y	WB	J	Blackwood	GBR	Addiscombe	25	4	1857
2:04.0y	WB	William	Way	GBR	Oxford	25	11	1859
2:03.0y	WB	Charles	Grey	GBR	Dublin	27	6	1861
2:03.0y	WB	Percy	Thornton	GBR	London (Br) (h1)	16	12	1865
2:02.1/2y	WB	Percy	Thornton	GBR	London (Br) (f)	16	12	1865
2:02.1/2y	WB	Francis	Pelham	GBR	Cambridge	23	3	1867
2:01.0y	WB	Kinros	Gair	GBR	Edinburgh	26	6	1867
2:01.0y	WB	Thomas	Christie	GBR	London (LB)	27	3	1872
2:01.0y	WB	George	Templer	GBR	London (LB)	27	3	1872
1:59.3/4y	WB	Arthur	Pelham	GBR	Cambridge	26	3	1873
1:59.1/2y	WB	Walter	Slade	GBR	Dublin	5	6	1876
1:58.4/5y	WB	Walter	Slade	GBR	Dublin	6	6	1876
1:58.1/5y	WB	Walter	Slade	GBR	Belfast	10	6	1876



1:57.1/2y	WB	Frederick	Elborough	GBR	London (LB)	7	10	1876
1:57.0y	EB	Walter	George	GBR	New York	4	11	1882
1:57.0y	EB	Francis	Cross	GBR	Oxford	26	2	1887
1:56.4/5y	EB	Francis	Cross	GBR	Oxford	24	11	1887
1:56.2/5y	EB	Francis	Cross	GBR	Oxford	7	3	1888
1:54.3/5y	WB	Francis	Cross	GBR	Oxford (other version: 1:54.2/5)	9	3	1888
1:54.6y	EB	Herbert	Workman	GBR	Montréal	7	9	1901
1:54.1/5	EB	Emilio	Lunghi	ITA	London (WC)	21	7	1908
1:52.4/5y	WB	Emilio	Lunghi	ITA	Montréal (IAAF erroneous day: 13)	15	9	1909
1:52.4	EB	Douglas	Lowe	GBR	Colombes (Ol.G.Paris)	8	7	1924
1:51.6y	WR	Otto	Peltzer	GER	London (SB)	3	7	1926
1:50.6	WR	Séra	Martin	FRA	Colombes	14	7	1928
1:49.8	WR	Thomas	Hampson	GBR	Los Angeles (1:49.70)	2	8	1932
1:48.4+	WR	Sydney	Wooderson	GBR	Motspur Park (880y 1:49.2 WR)	20	8	1938
1:46.6	WR	Rudolf	Harbig	GER	Milano	15	7	1939
1:45.7	WR	Roger	Moens	BEL	Oslo	3	8	1955
1:44.9	ER	Franz-Josef	Kemper	FRG	Hannover	7	8	1966
1:44.9 a	ER	Walter	Adams	FRG	Stuttgart (1:44.90)	16	7	1970
1:44.5	ER	Pekka	Vasala	FIN	Helsinki	20	8	1972
1:43.7	WR	Marcello	Fiasconaro	ITA	Milano	27	6	1973
1:42.33	WR	Sebastian	Coe	GBR	Oslo	5	7	1979
1:41.73	WR	Sebastian	Coe	GBR	Firenze	10	6	1981
1:41.73	WR	Wilson	Kipkeeter	DEN	Stockholm	7	7	1997
1:41.24	WR	Wilson	Kipkeeter	DEN	Zürich	13	8	1997
1:41.11	WR	Wilson	Kipkeeter	DEN	Köln	24	8	1997

## 1.500 m

Note: The mile (1609.34m) was the only distance used in 19th century. In 1884 Walter George-GBR made 4:18.2/5 in a 500y/457.2m track (time in 1500y/1371.6m: 3:44.4/5, estimated time in 1500m: 4:03.0). Other marks: 4:17.0 Fred Bacon-GBR 1895 (time in 1320y/1207m 3:13.4/5, estimated time in 1500m: 3:59.8) & 4:16.4/5 Binks-GBR 1902 (time in 1320y/1207m 3:14.0, estimated time in 1500m: 3:59.7).

3:59.4/5	WB	Harold	Wilson	GBR	London (WC)	30	5	1908
3:56.8	EB	Arnold	Strode-Jackson	GBR	Stockholm	10	7	1912
3:54.7	WR	John	Zander	SWE	Stockholm	5	8	1917
3:53.0+	WB	Paavo	Nurmi	FIN	Stockholm (mile 4.10.4 WR)	23	8	1923
3:52.6	WR	Paavo	Nurmi	FIN	Helsinki	19	6	1924
3:51.0	WR	Otto	Peltzer	GER	Berlin	11	9	1926
3:49.2	WR	Jules	Ladoumègue	FRA	Paris (JB)	5	10	1930
3:49.2	WR	Luigi	Beccali	ITA	Torino	9	9	1933
3:49.0	WR	Luigi	Beccali	ITA	Milano	17	9	1933



3:48.6	ER	Miklos	Szabó	HUN	Budapest	3	10	1937
3:48.6	EB	Gunder	Hägg	SWE	Malmö	21	7	1941
3:47.6	WR	Gunder	Hägg	SWE	Stockholm (3:47.5)	10	8	1941
3:45.8	WR	Gunder	Hägg	SWE	Stockholm	17	7	1942
3:45.0	WR	Arne	Andersson	SWE	Göteborg (3:44.9)	17	8	1943
3:43.0	WR	Gunder	Hägg	SWE	Göteborg	7	7	1944
3:43.0	WR	Lennart	Strand	SWE	Malmö	15	7	1947
3:43.0	WR	Werner	Lueg	FRG	Berlin	29	6	1952
3:43.0u+	WB	Roger	Bannister	GBR	Oxford (mile 3:59.4 WR)	6	5	1954
3:42.4	ER	Sándor	Iharos	HUN	Oslo	3	8	1954
3:42.2+	EB	Roger	Bannister	GBR	Vancouver (mile 3:58.8 ER)	7	8	1954
3:42.2	EB	István	Rózsavölgyi	HUN	Beograd	16	6	1955
3:40.8	WR	Sándor	Iharos	HUN	Helsinki	28	7	1955
3:40.8	WR	Laszlo	Tabori	HUN	Oslo	6	9	1955
3:40.8	WR	Gunnar	Nielsen	DEN	Oslo	6	9	1955
3:40.6	WR	István	Rózsavölgyi	HUN	Tata (3:40.5)	3	8	1956
3:40.2	WR	Olavi	Salsola	FIN	Turku	11	7	1957
3:40.2	WR	Olavi	Salonen	FIN	Turku	11	7	1957
3:38.1	WR	Stanislav	Jungwirth	TCH	Stara Boleslav	12	7	1957
3:37.8	ER	Michel	Jazy	FRA	Colombes	28	7	1963
3:36.4	ER	Jürgen	May	GDR	Erfurt	14	7	1965
3:36.4	EB	Michel	Jazy	FRA	Rennes (first info: 3:36.3)	15	6	1966
3:36.3	ER	Michel	Jazy	FRA	Sochaux	25	6	1966
3:34.0	ER	Jean	Wadoux	FRA	Colombes	23	7	1970
3:32.8+	ER	Sebastian	Coe	GBR	Oslo (mile 3:48.95 WR)	17	7	1979
3:32.1 a	WR	Sebastian	Coe	GBR	Zürich (3:32.03)	15	8	1979
3:32.1 a	WR	Steve	Ovett	GBR	Oslo (3:32.09)	15	7	1980
3:31.36	WR	Steve	Ovett	GBR	Koblenz	27	8	1980
3:30.77	WR	Steve	Ovett	GBR	Rieti	4	9	1983
3:29.67	WR	Steve	Cram	GBR	Nice	16	7	1985
3:28.95	ER	Fermin	Cacho	ESP	Zürich	13	8	1997
3:28.81	ER	Mohamed	Farah	GBR	Monaco	19	7	2013
3:28.68	ER	Jakob	Ingebritsen	NOR	Monaco	14	8	2020

## 5.000 m

Note: Distances used during the 19th century were 3 & 4 miles (4828 & 6437 metres). Walter George-GBR made 14:39.0 & 19:39.4/5 in 1884 (estimated time in 5000m -rounded in sec.- 15:11). Marks made by Alfred Shrubbs-GBR in 1904 were 14:27.2 & 19:23.2/5 (estimated time in 5000m -rounded in sec.- 14:59).

15:01.1/5	WB	Arthur	Robertson	GBR	Stockholm	13	9	1908
14:36.6	WR	Hannes	Kolehmainen	FIN	Stockholm	10	7	1912
14:35.4	WR	Paavo	Nurmi	FIN	Stockholm (14:35.3)	12	9	1922
14:28.2	WR	Paavo	Nurmi	FIN	Helsinki	19	6	1924
14.23.2i	WB	Ville	Ritola	FIN	New York	24	2	1925



14:17.0	WR	Lauri	Lehtinen	FIN	Helsinki (14:16.9)	19	6	1932
14:08.8	WR	Taisto	Mäki	FIN	Helsinki	16	6	1939
13:58.2	WR	Gunder	Hägg	SWE	Göteborg (13:58.1)	20	9	1942
13:57.2	WR	Emil	Zátopek	TCH	Colombes	30	5	1954
13:56.6	WR	Vladimir	Kuts	URS	Bern	29	8	1954
13:51.6	WR	Chris	Chataway	GBR	London (WC)	13	10	1954
13:51.2	WR	Vladimir	Kuts	URS	Praha	23	10	1954
13:50.8	WR	Sándor	Iharos	HUN	Budapest	10	9	1955
13:46.8	WR	Vladimir	Kuts	URS	Beograd	18	9	1955
13:40.6	WR	Sándor	Iharos	HUN	Budapest	23	10	1955
13:36.8	WR	Gordon	Pirie	GBR	Bergen	19	6	1956
13:35.0	WR	Vladimir	Kuts	URS	Roma	13	10	1957
13:34.4	ER	Michel	Jazy	FRA	Lorient	6	6	1965
13:29.0	ER	Michel	Jazy	FRA	Paris (Ch)	11	6	1965
13:27.6	ER	Michel	Jazy	FRA	Helsinki	30	6	1965
13:24.8	ER	Harald	Norpoth	FRG	Köln	7	9	1966
13:22.8 a	ER	Ian	Stewart	GBR	Edinburgh (13:22.85)	25	7	1970
13:22.2	ER	Dave	Bedford	GBR	Edinburgh	12	6	1971
13:17.2 a	ER	Dave	Bedford	GBR	London (CP) (13:17.21)	14	7	1972
13:16.4	WR	Lasse	Viren	FIN	Helsinki (13:16.3)	14	9	1972
13:13.0	WR	Emiel	Puttemans	BEL	Bruxelles	20	9	1972
13:10.40	ER	Hansjörg	Kunze	GDR	Rieti	9	9	1981
13:00.41	WR	David	Moorcroft	GBR	Oslo	7	7	1982
12:54.70	ER	Dieter	Baumann	GER	Zürich	13	8	1997
12:49.71	ER	Mohammed	Mourhit	BEL	Bruxelles	25	8	2000

## 10.000 m

Note 1: Distances used during the 19th century were 6, 7 & 10 miles (9656, 11265 & 16093 metres).

Note 2: y = 6-1/4 miles (10058.4 mts).

33:37.0+y	WB	James	Gibb	GBR	London (SB) (10 miles 54:49 WB)	17	11	1877
32:09.0+y	WB	Walter	George	GBR	London (SB) (7 miles 35:55.1/5 WB)	25	3	1882
31:53.2/5+y	WB	Walter	George	GBR	London (SB) (10 miles 51:20 WB)	7	4	1884
31:40.0+y	WB	Walter	George	GBR	London (SB) (1 hour 18555m WB)	28	7	1884
(times in 6 miles -9656m- 30:49, 30:36 & 30:21.1/2, estimated times on 10000m, rounded in sec. were 31:57, 31:42 & 31:28)								
31:02.2/5+	WB	Alfred	Shrubbs	GBR	Glasgow (1 hour 18742m WR)	5	11	1904
30:58.4/5	WR	Jean	Bouin	FRA	Colombes	16	11	1911
30:40.2	WR	Paavo	Nurmi	FIN	Stockholm	22	6	1921
30:35.4	WR	Ville	Ritola	FIN	Helsinki	25	5	1924
30:23.2	WR	Ville	Ritola	FIN	Colombes (Ol.G.Paris)	6	7	1924
30:06.2	WR	Paavo	Nurmi	FIN	Kuopio (30:06.1)	31	8	1924
30:05.6	WR	Ilmari	Salminen	FIN	Kouvola (30:05.5)	18	7	1937
30:02.0	WR	Taisto	Mäki	FIN	Tampere	29	9	1938
29:52.6	WR	Taisto	Mäki	FIN	Helsinki	17	9	1939
29:35.4	WR	Viljo	Heino	FIN	Helsinki	25	8	1944
29:28.2	WR	Emil	Zátopek	TCH	Ostrava	11	6	1949



29:27.2	WR	Viljo	Heino	FIN	Kouvola	1	9	1949
29:21.2	WR	Emil	Zátopek	TCH	Ostrava	22	10	1949
29:02.6	WR	Emil	Zátopek	TCH	Turku	4	8	1950
29:01.6	WR	Emil	Zátopek	TCH	Stara Boleslav	1	11	1953
28:54.2	WR	Emil	Zátopek	TCH	Bruxelles	1	6	1954
28:42.8	WR	Sándor	Iharos	HUN	Budapest (28:42.7)	15	7	1956
28:30.4	WR	Vladimir	Kuts	URS	Moskva	11	9	1956
28:18.8	WR	Pyotr	Bolotnikov	URS	Kiev	15	10	1960
28:18.2	WR	Pyotr	Bolotnikov	URS	Moskva	11	8	1962
28:10.6	ER	Gaston	Roelants	BEL	Oslo	21	8	1965
28:04.4	ER	Jürgen	Haase	GDR	Leningrad	21	7	1968
27:47.0	ER	Dave	Bedford	GBR	Portsmouth	10	7	1971
27:38.4 a	WR	Lasse	Viren	FIN	München (27:38.35)	3	9	1972
27:30.8 a	WR	Dave	Bedford	GBR	London (CP) (27:30.80)	13	7	1973
27:30.8	ER	Brendan	Foster	GBR	London (CP) (27:30.3)	23	6	1978
27:27.7	ER	Fernando	Mamede	POR	Lisboa	30	5	1981
27:24.39	ER	Carlos	Lopes	POR	Oslo	26	6	1982
27:22.95	ER	Fernando	Mamede	POR	Paris (JB)	9	7	1982
27:13.81	WR	Fernando	Mamede	POR	Stockholm	2	7	1984
27:12.47	ER	António	Pinto	POR	Stockholm	30	7	1999
26:52.30	ER	Mohamed	Mourhit	BEL	Bruxelles	3	9	1999
26:46.47	ER	Mohamed	Farah	GBR	Eugene	3	6	2011

## Maratón / Marathon

Note: 26 miles & 385 yards (42.195 metres).

3:07:50.8	EB	Johan	Svanberg	SWE	Windsor-London (WC)	24	7	1908
2:55:44.8	EB	John	Daly	GBR	Yonkers	1	1	1909
2:42:31.0	WB	Henry	Barrett	GBR	Windsor-London (SB)	26	5	1909
2:40:34.2 track	WB	Thure	Johansson	SWE	Stockholm	31	8	1909
2:38:16.2+ track	WB	Harry	Green	GBR	London (SB) (50miles race)	12	5	1913
2:36:06.6	WB	Alexis	Ahlgren	SWE	Windsor-London (SB)	31	5	1913
2:32:35.8	WB	Hannes	Kolehmainen	FIN	Antwerpen (42750m)	22	8	1920
2:30:57.6	EB	Harry	Payne	GBR	Windsor-London (SB)	5	7	1929
2:30:38	EB	Manuel	Días	POR	Lisboa	28	3	1937
2:29:27	EB	Stylios	Kyriakidhis	GRE	Boston	20	4	1946
2:28:39.4	EB	Salomon	Könönen	FIN	Turku	2	10	1949
2:28:07.4	EB	Veikko	Karvonen	FIN	Tampere	3	8	1951
2:20:42.2	WB	James	Peters	GBR	Windsor-London (Ch)	14	6	1952
2:18:40.4	WB	James	Peters	GBR	Windsor-London (Ch)	13	6	1953
2:18:34.8	WB	James	Peters	GBR	Turku	4	10	1953
2:17:39.4	WB	James	Peters	GBR	Windsor-London (Ch)	26	6	1954
2:15:17.0	WB	Sergey	Popov	URS	Stockholm	24	8	1958



2:14:43	EB	Brian	Kilby	GBR	Port Talbot	6	7	1963
2:13:55	WB	Basil	Heatley	GBR	Windsor-London (Ch)	13	6	1964
2:13:45	EB	Alastair	Wood	GBR	Forres-Inverness	9	7	1966
2:12:16.8	EB	Bill	Adcocks	GBR	Karl-Marx-Stadt	19	5	1968
2:10:47.8	EB	Bill	Adcocks	GBR	Fukuoka	8	12	1968
2:10:30	EB	Ron	Hill	GBR	Boston	20	4	1970
2:09:28.0	EB	Ron	Hill	GBR	Edinburgh	23	7	1970
2:09:12	EB	Ian	Thompson	GBR	Christchurch	31	1	1974
2:09:01	EB	Gerard	Nijboer	NED	Amsterdam	26	4	1980
2:08:39	EB	Carlos	Lopes	POR	Rotterdam	9	4	1983
2:08:05	WB	Steve	Jones	GBR	Chicago	21	10	1984
2:07:12	WB	Carlos	Lopes	POR	Rotterdam	20	4	1985
2:06:36	EB	António	Pinto	POR	London	16	4	2000
2:06:36	ER	Benoit	Zwierzchlewski	FRA	Paris	6	4	2003
2:05:48	ER	Sandre Nordstan	Moen	NOR	Fukuoka	3	12	2017
2:05:11	ER	Mo	Farah	GBR	Chicago	7	10	2018

### 110 m vallas / hurdles

Note 1: y = 120 yards (109.73 metres).

Note 2: 1st known performance was 18.0y (P.Norman 1859, W.Heap 1861 & J.Martin 1862, all GBR).

16.1/2y	WB	Cecil	Reid	GBR	Oxford	17	2	1863
16.0y	WB	Clement	Jackson	GBR	Oxford	14	11	1865
16.0y	WB	Samuel	Palmer	GBR	London (LB)	15	4	1878
16.0y	WB	Charles	Daft	GBR	London (SB)	3	7	1886
16.0y	EB	Daniel	Bulger	IRL	London (SB)	2	7	1892
		(15.4/5y Ball's Bridge 1.8.1892, wind?)						
16.0y	EB	Godfrey	Shaw	GBR	London (SB)	10	6	1893
16.0y	EB	Godfrey	Shaw	GBR	London (SB) (h1)	6	7	1895
15.4/5y	EB	Godfrey	Shaw	GBR	London (SB) (f)	6	7	1895
		(15.3/5y & 15.5y, both in New York 21.9 & 28.9.1895, estimated times, winner S.Chase USA 15.2/5y WB)						
15.4/5y	EB	Robert	Stronach	GBR	Glasgow	29	7	1905
15.3/5y	EB	Kenneth	Powell	GBR	London (QC)	22	3	1907
15.6	EB	Richard	Rau	GER	Praha	28	5	1911
15.1/5y	EB	Gerard	Anderson	GBR	London (SB)	11	5	1912
15.1/5 (not ratified as NR)		Daciano	Colbacchini	ITA	Milano	25	7	1920
		(ufficioso, pare per lievissimo anticipo nella partenza, gara a vantaggi // rolling start, handicap race)						
15.1	EB	Heinrich	Trossbach	GER	Frankfurt/Main	3	6	1923
15.1	EB	Heinrich	Trossbach	GER	Frankfurt/Main	16	9	1923
15.1	EB	Henri	Thorsen	DEN	København	20	7	1924
14.9	EB	Sten	Pettersson	SWE	Stockholm	31	7	1924
14.9	EB	Sten	Pettersson	SWE	Stockholm	2	8	1924

14.9		EB	Heinrich	Trossbach	GER	Berlin	8	8	1925
14.6		WB	Heinrich	Trossbach	GER	Frankfurt/Main (r1)	16	8	1925
14.5		WB	Heinrich	Trossbach	GER	Frankfurt/Main (r2)	16	8	1925
				(in both races one hurdle knocked down)					
14.8		WR	Sten	Pettersson	SWE	Stockholm (14.7)	18	9	1927
14.7		EB	Sten	Pettersson	SWE	Stockholm	17	7	1928
14.7		EB	Eric	Wennström	SWE	Stockholm	17	7	1928
14.7		EB	Sten	Pettersson	SWE	Stockholm	15	8	1928
14.7		EB	Heinrich	Trossbach	GER	Oslo	7	8	1929
14.4		WR	Eric	Wennström	SWE	Stockholm	25	8	1929
14.4		WR	Bengt	Sjöstedt	FIN	Helsinki	5	9	1931
14.4		EB	Hakan	Lidman	SWE	Göteborg	24	7	1936
14.4		ER	Donald	Finlay	GBR	Berlin	6	8	1936
14.4		EB	Hakan	Lidman	SWE	Stockholm	20	8	1936
14.3		EB	Hakan	Lidman	SWE	Göteborg	2	9	1936
14.3		EB	Hakan	Lidman	SWE	Oslo	12	9	1936
14.3		ER	Hakan	Lidman	SWE	Göteborg	29	7	1938
14.3		ER	Donald	Finlay	GBR	Colombes (Eur.Ch.Paris)	4	9	1938
14.2		EB	Hakan	Lidman	SWE	Stockholm	28	7	1939
14.2		EB	Hakan	Lidman	SWE	Stockholm	20	8	1939
14.0		ER	Hakan	Lidman	SWE	Milano	22	9	1940
14.0		EB	Hakan	Lidman	SWE	Buenos Aires	12	10	1947
13.9		ER	Martin	Lauer	FRG	Hamburg	22	9	1956
13.9		ER	Anatoliy	Mikhailov	URS	Leningrad	12	7	1957
13.9		EB	Martin	Lauer	FRG	Dortmund	21	7	1957
13.7	0.0	ER	Martin	Lauer	FRG	Köln	31	7	1957
13.7	+1.5	EB	Martin	Lauer	FRG	Ludwigshafen	7	8	1957
13.7	0.0	EB	Martin	Lauer	FRG	Köln	9	7	1958
13.7		EB	Martin	Lauer	FRG	Augsburg	13	7	1958
13.7	-0.7	EB	Martin	Lauer	FRG	Hannover	19	7	1958
13.7	+0.8	EB	Martin	Lauer	FRG	Stockholm	24	8	1958
13.5	+1.5	EB	Martin	Lauer	FRG	Zürich	16	5	1959
13.2	+1.9	WR	Martin	Lauer	FRG	Zürich (13.56)	7	7	1959
13.2	+2.0	ER	Guy	Drut	FRA	Paris (Ch)	3	6	1974
13.2	+1.9	EB	Guy	Drut	FRA	Fontainebleau	8	6	1974
13.1	+1.1	WB	Guy	Drut	FRA	Saint-Etienne (13.28)	29	6	1975
13.1	+1.2	WR	Guy	Drut	FRA	Saint-Maur	23	7	1975
13.0	+1.8	WR	Guy	Drut	FRA	Berlin	22	8	1975
Automatic timing (2 times -13.56 & 13.28- already cited -in tenths & in hundredths in brackets- in previous list)									
14.84		EB	Don	Finlay	GBR	Los Angeles (h2)	2	8	1932
14.74		EB	Don	Finlay	GBR	Los Angeles (f)	3	8	1932
14.65		EB	Yevgeniy	Bulanchik	URS	Helsinki	23	7	1952
14.48	0.0	EB	Edmond	Roudnitska	FRA	Melbourne (h1)	27	11	1956
14.41	-0.5	EB	Martin	Lauer	FRG	Melbourne (h4)	27	11	1956
13.56	+1.9	WB	Martin	Lauer	FRG	Zürich	7	7	1959
13.53	+1.8	EB	Eddy	Ottoz	ITA	Ciudad de México (sf1)	17	10	1968
13.46	0.0	EB	Eddy	Ottoz	ITA	Ciudad de México (f)	17	10	1968
13.34	+0,3	ER	Guy	Drut	FRA	München	7	9	1972
13.28	+1.1	ER	Guy	Drut	FRA	Saint-Etienne	29	6	1975

13.28	+1.0	ER	Andrey	Prokofyev	URS	Moskva	6	7	1986
13.28	+0.9	ER	Stéphane	Caristan	FRA	Stuttgart	29	8	1986
13.20	+2.0	ER	Stéphane	Caristan	FRA	Stuttgart	30	8	1986
13.20	+1.8	ER	Aleksandr	Markin	URS	Leningrad	11	6	1988
13.11	+2.0	ER	Colin	Jackson	GBR	Sestriere	11	8	1988
13.11	+0.7	EB	Colin	Jackson	GBR	London (CP)	14	7	1989
13.11	+1.0	EB	Colin	Jackson	GBR	Auckland (h1)	27	1	1990
13.08	+0.5	ER	Colin	Jackson	GBR	Auckland (f)	28	1	1990
13.06	-0.6	ER	Colin	Jackson	GBR	London (CP)	10	7	1992
13.04	-0.5	ER	Colin	Jackson	GBR	Köln	16	8	1992
12.97	-1.6	ER	Colin	Jackson	GBR	Sestriere	28	7	1993
12.91	+0.5	WR	Colin	Jackson	GBR	Stuttgart	20	8	1993

### 400 m vallas / hurdles

Note 1: y = 440 yards (402.34 metres).

Note 2: 1st known performance was 67.0y (N.Paterson GBR, W.Murray IRL, J.W.Smith IRL & W.McLaren GBR, all in 1867).

Note 3: Includes alternative progression, with winning times, in case the EB is estimated.

64.0y	WB	H.	Hart	GBR	Eltham	25	4	1868
62.1/4y	WB	R.	Jones	GBR	Burnley	6	8	1870
61.0y	WB	C.	Cranswick	GBR	Malton	27	7	1871
60.3/4y	WB	R.C.	Miller	IRL	Dublin	10	6	1873
60.3/4y	WB	Sam	Widdowson	GBR	Leeds	2	8	1873
59.4/5y	WB	Samuel	Morris	GBR	Radcliffe	5	7	1886
59.0y e	WB	Samuel	Morris	GBR	Knutsford	7	8	1886
59.3/5y	WB	Godfrey	Shaw	GBR	Manchester	20	6	1891
			(other marks not ratified as NR: 57.1/5y 1891, 58.1/5y 1892 & 57.4/5y 1895)					
58.4/5y	WB	Thomas	Donovan	IRL	Stoke	7	8	1894
58.3/5y	WB	Thomas	Donovan	IRL	Crewe (h1)	13	6	1896
57.4/5y	WB	Thomas	Donovan	IRL	Crewe (f)	13	6	1896
57.4/5y	WB	Alfred	Trafford	GBR	Chesterfield	20	5	1899
57.1/5	WB	Georges	Filliâtre	FRA	Paris (CC)	28	6	1903
57.0 e	EB	Leonard	Tremeer	GBR	London (WC)	22	7	1908
57.1/5	EB	Pierre	Failliot	FRA	Colombes	13	6	1909
56.4/5y	WR	Gerard	Anderson	GBR	London (CP)	16	7	1910
56.1	EB	Thorwald	Norling	SWE	Malmö	7	10	1917
55.4	EB	Erik	Wilen	FIN	Helsinki	5	9	1919
55.4	EB	Erik	Wilen	FIN	Helsinki	21	7	1920
54.8 e	EB	Geo	André	FRA	Antwerpen	16	8	1920
55.4y	EB	Carl-Axel	Christiernsson	SWE	London (SB)	1	7	1921
55.2	EB	Carl-Axel	Christiernsson	SWE	Stockholm	20	8	1921
54.9	EB	Carl-Axel	Christiernsson	SWE	Stockholm	21	9	1922
53.4/5 e (IAAF)	EB	Erik	Wilen	FIN	Colombes (Ol.G.Paris, Ol.Rec.)	7	7	1924
			(other version: 53.3/5 - 53.6e)					



54.8	EB	David	Burghley	GBR	Philadelphia	24	4	1925
53.8	WR	Sten	Pettersson	SWE	Colombes	4	10	1925
53.4/5	EB	Luigi	Facelli	ITA	Milano	27	5	1928
53.4/5	EB	Luigi	Facelli	ITA	Colombes	10	6	1928
54.0y	EB	David	Burghley	GBR	London (SB)	7	7	1928
53.8	EB	Sten	Pettersson	SWE	Stockholm	18	7	1928
53.4	EB	David	Burghley	GBR	Amsterdam	30	7	1928
52.4	ER	Sten	Pettersson	SWE	Köln	7	8	1928
52.2/5	ER	Luigi	Facelli	ITA	Bologna	6	10	1929
51.7	WB	Bob	Tisdall	IRL	Los Angeles (51.67)	1	8	1932
					(not ratified as WR as the athlete knocked over the final hurdle)			
52.0	EB	David	Burghley	GBR	Los Angeles (52.01)	1	8	1932
					(4th in the same race, other version on time 52.2)			
51.6	ER	Friedrich-Wilhelm	Hölling	GER	Berlin	9	7	1939
51.6	ER	Jean-Claude	Arifon	FRA	Paris (JB)	9	9	1948
51.6+	ER	Armando	Filiput	ITA	Milano (440y 51.9 WR)	8	10	1950
51.5	EB	Yuriy	Lituyev	URS	Kiev	27	5	1952
51.2	EB	Yuriy	Lituyev	URS	Vyborg	9	7	1952
50.7	EB	Yuriy	Lituyev	URS	Moskva	24	8	1953
50.4	WR	Yuriy	Lituyev	URS	Budapest	20	9	1953
50.4	EB	Yuriy	Lituyev	URS	Tashkent	14	10	1956
49.9	ER	Helmut	Janz	FRG	Roma (two versions: 50.04/05)	2	9	1960
49.7+	ER	Salvatore	Morale	ITA	Roma (440y 50.1 ER)	15	10	1961
49.2	WR	Salvatore	Morale	ITA	Beograd	14	9	1962
49.1 a	ER	Rainer	Schubert	FRG	Ciudad de México (h3/49.15)	13	10	1968
49.1 a	EB	Roberto	Frinolli	ITA	Ciudad de México (sf1/49.14)	14	10	1968
					(mistakenly rounded to 49.2)			
49.1 a	ER	Gerhard	Hennige	FRG	Ciudad de México (sf2/49.16)	14	10	1968
48.1 a	WR	David	Hemery	GBR	Ciudad de México (48.12)	15	10	1968
Automatic timing (6 times -51.67.....48.12- already cited -in tenths & hundredths in brackets- in previous list)								
54.63	WB	Bob	Tisdall	IRL	Los Angeles (h2)	31	7	1932
52.60	WB	Bob	Tisdall	IRL	Los Angeles (sf2)	31	7	1932
51.67	WB	Bob	Tisdall	IRL	Los Angeles (f)	1	8	1932
					(one hurdle knocked down)			
52.01	EB	David	Burghley	GBR	Los Angeles (f)	1	8	1932
51.90	EB	Yuriy	Lituyev	URS	Helsinki (sf1)	21	7	1952
51.51	EB	Yuriy	Lituyev	URS	Helsinki (f)	21	7	1952
51.55y (equiv.51.25)	EB	Helmut	Janz	FRG	London (WC)	3	8	1959
50.98	EB	Tom	Farrell	GBR	London (WC)	15	6	1960
50.04 (IAAF)	EB	Helmut	Janz	FRG	Roma (other version 50.05)	2	9	1960
49.80	EB	Roberto	Frinolli	ITA	London (WC)	20	8	1966
49.57	EB	Gerhard	Hennige	FRG	Ciudad de México (h1)	13	10	1968
49.15	EB	Rainer	Schubert	FRG	Ciudad de México (h3)	13	10	1968
49.14	EB	Roberto	Frinolli	ITA	Ciudad de México (sf1)	14	10	1968
48.12	WR	David	Hemery	GBR	Ciudad de México (f)	15	10	1968
47.85	ER	Harald	Schmid	FRG	Torino	4	8	1979
47.48	ER	Harald	Schmid	FRG	Athína	8	9	1982
47.48	EB	Harald	Schmid	FRG	Roma	1	9	1987

47.37	ER	Stéphane	Diagana	FRA	Lausanne	5	7	1995
47.33	ER	Karsten	Warholm	NOR	Oslo	13	6	2019
47.12	ER	Karsten	Warholm	NOR	Oslo	20	7	2019
46.92	ER	Karsten	Warholm	NOR	Zürich	29	8	2019
46.87	ER	Karsten	Warholm	NOR	Stockholm	23	8	2020

### 3.000m Obstáculos / Steeplechase

Note 1: The distance used in GBR during the early years was 2 miles (3.218.69 metres). Best mark: 10:58.0 Sidney Robinson in 1903.  
In OG 1908 (London, WC) the distance was 3.200 metres, winner: Arthur Russell GBR 10:47.4/5 (estimated time in 3000m 10:07).

Note 2: Times next to 10 minutes: 10:06.4/5 Paul Seyfert GER Berlin 30.7.1911 & 10:03.0 Ludwig Heinz GER Stuttgart 4.8.1912.

Note 3: Several varied conditions, including the number of hurdles.

a) before establishment of the IAAF (from under 10 minutes):

9:49.8	WB	Josef	Ternström	SWE	Malmö	4	7	1914
9:36.3/5	WB	Ernesto	Ambrosini	ITA	Paris (P)	9	6	1923
9:33.2/5	WB	Paul	Bontemps	FRA	Paris (P)	9	6	1924
9:25.2	WB	Toivo	Loukola	FIN	Helsinki	9	7	1928
9:21.4/5	WB	Toivo	Loukola	FIN	Amsterdam (9:21.80)	4	8	1928
9:18.8	EB	Tom	Evenson	GBR	Los Angeles (h1)	1	8	1932
9:14.6	WB	Volmari	Iso-Hollo	FIN	Los Angeles (h2)	1	8	1932
(mark not included in IAAF WR/WB progression)								
9:09.4	WB	Volmari	Iso-Hollo	FIN	Lahti	28	5	1933
9:03.8	WB	Volmari	Iso-Hollo	FIN	Berlin	8	8	1936
9:03.4	WB	Erik	Elmsäter	SWE	Ostersund	22	8	1943
8:59.6	WB	Erik	Elmsäter	SWE	Stockholm	4	8	1944
8:49.8	WB	Vladimir	Kazantsev	URS	Moskva	10	7	1951
8:48.6	WB	Vladimir	Kazantsev	URS	Kiev	12	6	1952
8:47.8	EB	Petar	Šegedin	YUG	Beograd	1	5	1953
8:44.4	WB	Olavi	Rinteenpää	FIN	Helsinki	2	7	1953

b) IAAF era:

8:49.6	WR	Sándor	Rosznyói	HUN	Bern	28	8	1954
8:47.8	WR	Pentti	Karvonen	FIN	Helsinki	1	7	1955
8:45.4	WR	Pentti	Karvonen	FIN	Oslo	15	7	1955
8:45.4	WR	Vasiliy	Vlasenko	URS	Moskva	18	8	1955
8:41.2	WR	Jerzy	Chromik	POL	Brno (8:41.1)	31	8	1955
8:40.2	WR	Jerzy	Chromik	POL	Budapest	11	9	1955
8:39.8	WR	Semyon	Rzhishchin	URS	Moskva	14	8	1956
8:35.6	WR	Sándor	Rozsnyói	HUN	Budapest (8:35.5)	16	9	1956
8:35.6	WR	Semyon	Rzhishchin	URS	Tallinn	21	7	1958
8:32.0	WR	Jerzy	Chromik	POL	Warszawa	2	8	1958
8:31.4	WR	Zdzisław	Krzyszkwski	POL	Tula (8:31.3)	26	6	1960
8:31.2	WR	Grigoriy	Taran	URS	Kiev	28	5	1961
8:30.4	WR	Zdzisław	Krzyszkwski	POL	Walcz	10	8	1961
8:29.6	WR	Gaston	Roelants	BEL	Leuven	7	9	1963
8:26.4	WR	Gaston	Roelants	BEL	Bruxelles	7	8	1965
8:24.2	WR	Jouko	Kuha	FIN	Stockholm	17	7	1968

8:22.2	WR	Vladimir	Dudin	URS	Kiev	19 8 1969
8:22.2	ER	Bronislaw	Malinowski	POL	Warszawa	10 8 1972
8:20.8	WR	Anders	Gärderud	SWE	Helsinki (8:20.7)	14 9 1972
8:18.4 a	ER	Anders	Gärderud	SWE	Stockholm (8:18.39)	3 7 1973
8:15.2 a	ER	Anders	Gärderud	SWE	Stockholm (8:15.09)	2 7 1974
8:14.2	ER	Anders	Gärderud	SWE	Helsinki	1 8 1974
8:10.4	WR	Anders	Gärderud	SWE	Oslo	25 6 1975
8:09.8 a	WR	Anders	Gärderud	SWE	Stockholm (8:09.70)	1 7 1975
8:08.02	WR	Anders	Gärderud	SWE	Montréal	28 7 1976
8:07.62	ER	Joseph	Mahmoud	FRA	Bruxelles	24 8 1984
8:06.91	ER	Simon	Vroemen	NED	Monaco	19 7 2002
8:06.91	ER	Bouabdellah	Tahri	FRA	Saint-Denis	4 7 2003
8:04.95	ER	Simon	Vroemen	NED	Bruxelles	26 8 2005
8:02.19	ER	Bouabdellah	Tahri	FRA	Metz	3 7 2009
8:01.18	ER	Bouabdellah	Tahri	FRA	Berlin	18 8 2009
8:00.09	ER	Mahiedine	Mekhissi-Benabbad	FRA	Saint-Denis	6 7 2013

## Altura / High Jump

Note: Conversion from inches to millimetres.

1.676	5-6	WB	Francis	Temple	GBR	Woolwich	21 9 1850
1.676	5-6	WB	Hanmer	Webb	GBR	Cambridge	17 3 1857
1.676	5-6	WB	Henry	Powell	GBR	Oxford	15 3 1860
1.676	5-6	WB	Victor	Brooke	GBR	Harrow	27 3 1860
1.702	5-7	WB	Robert	Burton	GBR	Harrow	27 3 1860
1.708	5-7-1/4	WB	Thomas	Mitchell	GBR	Liverpool	9 7 1864
1.727	5-8	WB	John	Roupell	GBR	Cambridge	5 3 1866
1.752	5-9	WB	Thomas	Little	GBR	London (BH)	23 3 1866
1.752	5-9	WB	John	Roupell	GBR	London (BH)	23 3 1866
1.752	5-9	WB	Thomas	Little	GBR	London (BH)	12 4 1867
1.752	5-9	WB	Robert	Mitchell	GBR	London (LB)	9 4 1870
1.765	5-9-1/2	WB	Robert	Mitchell	GBR	London (LB)	3 4 1871
1.784	5-10-1/4	WB	Thomas	Davin	IRL	Dublin	7 7 1873
1.803	5-11	WB	Marshall	Brooks	GBR	London (LB)	30 3 1874
1.803	5-11	WB	Michael	Glazebrook	GBR	London (LB)	22 3 1875
1.832	6-0-1/8	WB	Marshall	Brooks	GBR	Oxford	17 3 1876
1.892	6-2-1/2	WB	Marshall	Brooks	GBR	London (LB)	7 4 1876
1.899	6-2-3/4	WB	Patrick	Davin	IRL	Carrick-on-Suir	5 7 1880
1.899	6-2-3/4	EB	George	Rowden	GBR	Dartmouth	1 6 1889
1.899	6-2-3/4	EB	Murty	O'Brien	IRL	Coachford	30 7 1893
1.908	6-3-1/8	EB	James	Ryan	IRL	Nenagh	3 8 1893
1.918	6-3-1/2	EB	James	Ryan	IRL	Clogheen	1 8 1895
1.943	6-4-1/2	WB	James	Ryan	IRL	Tipperary	19 8 1895
1.943	6-4-1/2	EB	James	Ryan	IRL	Bansha	16 9 1895
1.949	6-4-3/4	EB	Pat	Leahy	IRL	Millstreet	6 9 1898

1.956	6-5	EB	Tim	Carroll	IRL	Kinsale	4	8	1913
1.956	6-5	EB	Howard	Baker	GBR	Huddersfield	25	6	1921
1.95		EB	Karl	Österberg	SWE	Stockholm	19	6	1925
1.95		EB	Pierre	Lewden	FRA	Stockholm	30	8	1925
1.95		EB	Birger	Halvorsen	NOR	Oslo	28	8	1931
1.96		EB	Jerzy	Plawczyk	POL	Warszawa	25	6	1932
1.96		EB	Veikko	Peräsalo	FIN	Ilmajoki	11	6	1933
1.98		EB	Veikko	Peräsalo	FIN	Oslo	1	7	1933
1.98		EB	Kalevi	Kotkas	FIN	Rio de Janeiro	4	3	1934
2.01		EB	Kalevi	Kotkas	FIN	Rio de Janeiro	7	3	1934
2.03		ER	Kalevi	Kotkas	FIN	Helsinki	12	7	1936
2.04		ER	Kalevi	Kotkas	FIN	Göteborg	1	9	1936
2.05		EB	Bengt	Nilsson	SWE	Halmstad	9	7	1954
2.06		EB	Bengt	Nilsson	SWE	Göteborg	15	7	1954
2.08		EB	Bengt	Nilsson	SWE	Göteborg	15	7	1954
2.10		ER	Bengt	Nilsson	SWE	Göteborg	15	7	1954
2.10		EB	Bengt	Nilsson	SWE	Stockholm	3	9	1954
2.11		ER	Bengt	Nilsson	SWE	Göteborg	19	9	1954
2.11 (built-up shoe)		EB	Yuriy	Stepanov	URS	Leningrad	13	7	1957
2.16 (built-up shoe)		WR	Yuriy	Stepanov	URS	Leningrad	13	7	1957
2.12			Yuriy	Stepanov	URS	Moskva	28	7	1958
2.12			Rickard	Dahl	SWE	Stockholm	24	8	1958
2.12			Igor	Kashkarov	URS	Warszawa	27	6	1959
2.13			Robert	Shavlakadze	URS	Moskva	28	6	1959
2.15			Viktor	Bolshov	URS	Moskva	12	6	1960
2.17		ER	Valeriy	Brumel	URS	Moskva	13	8	1960
2.18		ER	Valeriy	Brumel	URS	Odessa	17	9	1960
2.19		ER	Valeriy	Brumel	URS	Lugansk	9	10	1960
2.20		ER	Valeriy	Brumel	URS	Uzhgorod	25	10	1960
2.21i		EB	Valeriy	Brumel	URS	Leningrad	28	1	1961
2.25i		WB	Valeriy	Brumel	URS	Leningrad	28	1	1961
2.23		WR	Valeriy	Brumel	URS	Moskva	18	6	1961
2.24		WR	Valeriy	Brumel	URS	Moskva	16	7	1961
2.25		WR	Valeriy	Brumel	URS	Sofia	31	8	1961
2.26		WR	Valeriy	Brumel	URS	Palo Alto, CA	22	7	1962
2.27		WR	Valeriy	Brumel	URS	Moskva	29	9	1962
2.28		WR	Valeriy	Brumel	URS	Moskva	21	7	1963
2.29		ER	Jacek	Wszola	POL	Koblenz	8	9	1976
2.30		ER	Aleksandr	Grigoryev	URS	Riga	5	6	1977
2.31		ER	Vladimir	Yashchenko	URS	Richmond, VA	3	7	1977
2.33		WR	Vladimir	Yashchenko	URS	Richmond, VA	3	7	1977
2.33i		WB	Vladimir	Yashchenko	URS	Milano	12	3	1978
2.35i		WB	Vladimir	Yashchenko	URS	Milano	12	3	1978
2.34		WR	Vladimir	Yashchenko	URS	Tbilisi	16	6	1978
2.35		WR	Jacek	Wszola	POL	Eberstadt	25	5	1980
2.35		WR	Dietmar	Mögenburg	FRG	Rehlingen	26	5	1980
2.36		WR	Gerd	Wessig	GDR	Moskva	1	8	1980
2.36i		WB	Igor	Paklin	URS	Milano	1	2	1984
2.37i		WB	Carlo	Thränhardt	FRG	Berlin	24	2	1984
2.36		ER	Sergey	Zasimovich	URS	Tashkent	5	5	1984
2.36		ER	Carlo	Thränhardt	FRG	Eberstadt	10	6	1984
2.36		ER	Dietmar	Mögenburg	FRG	Eberstadt	10	6	1984
2.37		ER	Valeriy	Sereda	URS	Rieti	2	9	1984



2.37	ER	Carlo	Thränhardt	FRG	Rieti	2	9	1984
2.38i	WB	Patrik	Sjöberg	SWE	Berlin	22	2	1985
2.39i	WB	Dietmar	Mögenburg	FRG	Köln	24	2	1985
2.38	ER	Patrik	Sjöberg	SWE	Eberstadt	16	6	1985
2.40	WR	Rudolf	Povarnitsyn	URS	Donetsk	11	8	1985
2.41	WR	Igor	Paklin	URS	Kobe	4	9	1985
2.41i	WR	Patrik	Sjöberg	SWE	Pireás	1	2	1987
2.42	WR	Patrik	Sjöberg	SWE	Stockholm	30	6	1987
2.42i	WR	Carlo	Thränhardt	FRG	Berlin	26	2	1988
2.42i		Ivan	Ukhov	RUS	Praha	25	2	2014
2.42		Bogdan	Bondarenko	UKR	New York	14	6	2014

### Pértiga / Pole Vault

Note 1: Climbers not included (best perfs.were: T.Ray 3.52/11-6-5/8 in 1887, E.Stones 3.53/11-7 in 1888 & R.Dickinson 3.58/11-9 in 1891, all GBR).

Note 2: Conversion from inches to millimetres & then rounded to half centimetres (in early years).

3.15	10-4	WB	Francis	Temple	GBR	Woolwich	6	10	1849
3.21	10-6-1/2	WB	Robert	Mitchell	GBR	London (BH)	19	6	1868
3.225	10-7	WB	William	Kelsey	GBR	Sheffield	7	7	1873
3.225	10-7	WB	John	Wigfull	GBR	Sheffield	7	7	1873
3.225	10-7	WB	John	Wigfull	GBR	Sheffield	5	7	1875
3.265	10-8-1/2	WB	Charles	Gaskin	GBR	Newmark	5	6	1876
3.32	10-10-3/4	WB	Charles	Gaskin	GBR	Sheffield	3	7	1876
3.335	10-11-1/4	WB	Charles	Gaskin	GBR	Ilkley	11	8	1877
3.37	11-0-3/4	WB	Henry	Kayll	GBR	Ilkley	11	8	1877
3.40		EB	Bruno	Söderström	SWE	Jönköping	31	8	1902
3.40		EB	André	Puységur	FRA	Paris (CC)	26	6	1904
3.40		EB	Fernand	Gonder	FRA	Paris (CC)	26	6	1904
3.45		EB	Fernand	Gonder	FRA	Paris (CC)	26	6	1904
3.50		EB	Fernand	Gonder	FRA	Paris (CC)	26	6	1904
3.69		WB	Fernand	Gonder	FRA	Paris (CC)	26	6	1904
3.74		WB	Fernand	Gonder	FRA	Gradignan	4	6	1905
3.82		EB	Bertil	Uggla	SWE	Stockholm	25	8	1912
3.85		EB	Claes	Gille	SWE	Stockholm	14	9	1913
3.86		EB	Claes	Gille	SWE	Stockholm	15	10	1916
3.88		EB	Carl	Hårleman	SWE	Kristiania (other month version: July)	30	6	1917
3.90		EB	Lars Erik	Tirén	SWE	Stockholm	21	8	1921
3.91		EB	Charles	Hoff	NOR	Kristiania	6	6	1922
4.02		EB	Charles	Hoff	NOR	Kristiania	20	8	1922
4.12		WR	Charles	Hoff	NOR	København	3	9	1922
4.15		WB	Charles	Hoff	NOR	København	22	7	1923
4.21		WR	Charles	Hoff	NOR	København	22	7	1923
4.23		WR	Charles	Hoff	NOR	Oslo	13	8	1925
4.25		WR	Charles	Hoff	NOR	Turku	27	9	1925
4.26		(EB)	Nikolay	Ozolin	URS	Moskva	17	6	1937
4.29		(EB)	Nikolay	Ozolin	URS	Kiev	2	10	1938
4.30		(EB)	Nikolay	Ozolin	URS	Moskva	31	7	1939
4.27		ER	Erling	Kaas	NOR	Oslo	23	9	1939

4.28	EB	Erling	Kaas	NOR	Oslo	11	6	1948
4.31	ER	Erling	Kaas	NOR	Oslo	4	7	1948
4.32	ER	Ragnar	Lundberg	SWE	Helsinki	12	9	1948
4.36	ER	Ragnar	Lundberg	SWE	Södertälje	26	9	1948
4.38	ER	Ragnar	Lundberg	SWE	Nyköping	9	6	1950
4.40	ER	Ragnar	Lundberg	SWE	Göteborg	10	8	1950
4.42	EB	Pyotr	Denisenko	URS	Kiev	11	6	1952
4.44	ER	Ragnar	Lundberg	SWE	Gävle	1	8	1952
4.44	EB	Pyotr	Denisenko	URS	Kiev	21	6	1953
4.46	ER	Pyotr	Denisenko	URS	Kiev	13	9	1954
4.47	ER	Eeles	Landström	FIN	Kouvola	17	7	1955
4.50	ER	Eeles	Landström	FIN	Helsinki	24	8	1955
4.51	ER	Eeles	Landström	FIN	Hamburg	23	9	1956
4.52	ER	Manfred	Preussger	GDR	Potsdam	19	5	1957
4.55	ER	Georgios	Roubanis	GRE	Athína	7	7	1957
4.58	15-0-1/2	EB	Georgios	GRE	Los Angeles	4	4	1958
4.60	ER	Georgios	Roubanis	GRE	München	12	7	1958
4.62	ER	Vladimir	Bulatov	URS	Nalchik	2	5	1959
4.64	EB	Vladimir	Bulatov	URS	Philadelphia	18	7	1959
4.65	ER	Janis	Krasovskis	URS	Moskva	17	7	1960
4.65	ER	Manfred	Preussger	GDR	Magdeburg	10	8	1960
4.67	ER	Manfred	Preussger	GDR	Ost Berlin	23	6	1961
4.70	ER	Manfred	Preussger	GDR	Magdeburg	14	10	1961
4.71i	EB	Pentti	Nikula	FIN	Berlin	25	2	1962
4.76i	15-7-1/2	EB	Risto	FIN	Cleveland, OH	16	3	1962
4.72	ER	Pentti	Nikula	FIN	Lahti	6	5	1962
4.75	ER	Pentti	Nikula	FIN	München	26	5	1962
4.80	ER	Pentti	Nikula	FIN	Jyväskylä	29	5	1962
4.85	ER	Pentti	Nikula	FIN	Karhula	8	6	1962
4.94	WR	Pentti	Nikula	FIN	Kauhava	22	6	1962
5.00i	WB	Pentti	Nikula	FIN	Pajulahti	2	2	1963
5.05i	WB	Pentti	Nikula	FIN	Pajulahti	2	2	1963
5.10i	WB	Pentti	Nikula	FIN	Pajulahti	2	2	1963
5.00	ER	Pentti	Nikula	FIN	Pori	5	5	1963
5.02	ER	Manfred	Preussger	GDR	Leipzig	21	6	1964
5.04	EB	Wolfgang	Reinhardt	FRG	Leverkusen	4	7	1964
5.11	ER	Wolfgang	Reinhardt	FRG	Leverkusen	4	7	1964
5.15	ER	Manfred	Preussger	GDR	Leipzig	27	8	1964
5.17	EB	Wolfgang	Nordwig	GDR	Warszawa	14	8	1966
5.23	ER	Wolfgang	Nordwig	GDR	Warszawa	14	8	1966
5.28	ER	Hervé	d'Encausse	FRA	Manosque	9	9	1967
5.30	ER	Christos	Papanikolaou	GRE	Ciudad de México	17	10	1967
5.37	ER	Hervé	d'Encausse	FRA	Saint-Maur	5	6	1968
5.40	ER	Claus	Schiprowski	FRG	Ciudad de México	16	10	1968
5.40	ER	Wolfgang	Nordwig	GDR	Ciudad de México	16	10	1968
5.42	EB	Wolfgang	Nordwig	GDR	Ost Berlin	17	6	1970
5.45	WR	Wolfgang	Nordwig	GDR	Ost Berlin	17	6	1970
5.46	WR	Wolfgang	Nordwig	GDR	Torino	3	9	1970
5.49	WR	Christos	Papanikolaou	GRE	Pireás	24	10	1970
5.51	18-1	WR	Isaksson	SWE	Austin, TX	8	4	1972
5.54	18-2	WR	Kjell	SWE	Los Angeles	15	4	1972
5.59	WB	Kjell	Isaksson	SWE	El Paso, TX (unsanctioned meet)	23	5	1972
5.55	WR	Kjell	Isaksson	SWE	Helsingborg	12	6	1972
5.60	ER	Władysław	Kozakiewicz	POL	Warszawa	20	6	1975
5.62	ER	Władysław	Kozakiewicz	POL	Bydgoszcz	29	5	1976

5.62	ER	Tadeusz	Slusarski	POL	Bydgoszcz	29	5	1976
5.64	ER	Władysław	Kozakiewicz	POL	Warszawa	12	6	1977
5.66	ER	Władysław	Kozakiewicz	POL	Warszawa	17	7	1977
5.67	ER	Thierry	Vigneron	FRA	Libourne	1	5	1980
5.72	WR	Władysław	Kozakiewicz	POL	Milano	11	5	1980
5.75	WR	Thierry	Vigneron	FRA	Colombes	1	6	1980
5.75	WR	Thierry	Vigneron	FRA	Villeneuve d'Ascq	29	6	1980
5.77	WR	Philippe	Houvion	FRA	Paris (Ch)	17	7	1980
5.78	WR	Władysław	Kozakiewicz	POL	Moskva	30	7	1980
5.80	WR	Thierry	Vigneron	FRA	Mâcon	20	6	1981
5.81	WR	Vladimir	Polyakov	URS	Tbilisi	26	6	1981
5.82	WR	Pierre	Quinon	FRA	Köln	28	8	1983
5.83	WR	Thierry	Vigneron	FRA	Roma	1	9	1983
5.83i	WB	Sergey	Bubka	URS	Inglewood, CA	10	2	1984
5.85i	WB	Thierry	Vigneron	FRA	Göteborg	4	3	1984
5.85	WR	Sergey	Bubka	URS	Bratislava	26	5	1984
5.88	WR	Sergey	Bubka	URS	Saint-Denis (IAAF version: Paris)	2	6	1984
5.90	WR	Sergey	Bubka	URS	London (CP)	13	7	1984
5.91	WR	Thierry	Vigneron	FRA	Roma	31	8	1984
5.94	WR	Sergey	Bubka	URS	Roma	31	8	1984
6.00	WR	Sergey	Bubka	URS	Paris (JB)	13	7	1985
6.01	WR	Sergey	Bubka	URS	Moskva	8	7	1986
6.03	WR	Sergey	Bubka	URS	Praha	23	6	1987
6.05	WR	Sergey	Bubka	URS	Bratislava	9	6	1988
6.06	WR	Sergey	Bubka	URS	Nice	10	7	1988
6.08i	WB	Sergey	Bubka	URS	Volgograd	9	2	1991
6.10i	WB	Sergey	Bubka	URS	San Sebastián	15	3	1991
6.11i	WB	Sergey	Bubka	URS	Donetsk	19	3	1991
6.12i	WB	Sergey	Bubka	URS	Grenoble	23	3	1991
6.07	WR	Sergey	Bubka	URS	Shizuoka	6	5	1991
6.08	WR	Sergey	Bubka	URS	Moskva	9	6	1991
6.09	WR	Sergey	Bubka	URS	Formia	8	7	1991
6.10	WR	Sergey	Bubka	URS	Malmö	5	8	1991
6.13i	WB	Sergey	Bubka	UKR	Berlin	21	2	1992
6.11	WR	Sergey	Bubka	UKR	Dijon	13	6	1992
6.12	WR	Sergey	Bubka	UKR	Padova	30	8	1992
6.13	WR	Sergey	Bubka	UKR	Tokyo	19	9	1992
6.14i	WB	Sergey	Bubka	UKR	Liévin	13	2	1993
6.15i	WB	Sergey	Bubka	UKR	Donetsk	21	2	1993
6.14	WR	Sergey	Bubka	UKR	Sestriere	31	7	1994
6.16i	WR	Renaud	Lavillenie	FRA	Donetsk	15	2	2014
6.17	WR	Armand	Duplantis	SWE	Toruń	8	2	2020
6.18	WR	Armand	Duplantis	SWE	Toruń	15	2	2020

## Longitud / Long Jump

Note: Conversion from inches to millimetres & then rounded to half centimetres (in early years).

5.94	19-6	WB	Edward	Bourke	GBR	Cambridge	17	3	1857
5.94	19-6	WB	Henry	Powell	GBR	Oxford	10	3	1859
6.375	20-11	WB	Charles	Buller	GBR	Harrow	..	4	1863
6.39	20-11-1/2	WB	Alick	Tosswill	GBR	Oxford (att.3)	14	3	1868
6.50	21-4	WB	Alick	Tosswill	GBR	Oxford (att.4)	14	3	1868
6.755	22-2	WB	Alick	Tosswill	GBR	Oxford	27	2	1869

6.88	22-7	WB	Jenner	Davies	GBR	London (LB)	27	3	1872
6.97	22-10-1/2	WB	Jenner	Davies	GBR	London (LB)	27	3	1874
7.05	23-1-1/2 (extra att.)	WB	John	Lane	IRL	Dublin	11	6	1874
7.015	23-0-1/4	WB	John	Parsons	GBR	London (LB)	30	6	1883
7.06	23-2	WB	Patrick	Davin	IRL	Monasterevan	30	8	1883
7.06	23-2	WB	Patrick	Davin	IRL	Portarlinton	13	9	1883
7.085	23-3	WB	John	Purcell	IRL	Monasterevan	26	8	1886
7.085	23-3	WB	John	Purcell	IRL	Monasterevan	26	8	1886
7.135	23-5	EB	Charles	Fry	GBR	London (QC)	8	4	1892
7.175	23-6-1/2	WB	Charles	Fry	GBR	Oxford	4	3	1893
7.25	23-9-1/2 (not accept.)	WB	Walter	Newburn	IRL	Dublin	18	6	1898
7.19	23-7	EB	Walter	Newburn	IRL	London (SB)	2	7	1898
7.33	24-0-1/2	WB	Walter	Newburn	IRL	Dublin	16	7	1898
7.51	24-7-3/4	WB	Peter	O'Connor	IRL	New Ross	29	8	1900
7.54	24-9	WB	Peter	O'Connor	IRL	Dublin	27	5	1901
7.60	24-11-1/4	WB	Peter	O'Connor	IRL	Kilkenny	15	7	1901
7.605	24-11-1/2	WB	Peter	O'Connor	IRL	Dublin	28	7	1901
7.61	24-11-3/4	WR	Peter	O'Connor	IRL	Dublin	5	8	1901
7.645		EB	Rudolf	Dobermann	GER	Jena	10	6	1928
7.64		EB	Erich	Köchermann	GER	Hamburg	16	9	1928
7.65		EB	Luz	Long	GER	Köln	12	8	1933
7.69		EB	Wilhelm	Leichum	GER	Darmstadt	14	7	1935
7.73		EB	Wilhelm	Leichum	GER	Berlin	3	8	1935
7.76		EB	Wilhelm	Leichum	GER	Jena	7	6	1936
7.81		EB	Luz	Long	GER	Leipzig	14	6	1936
7.82		ER	Luz	Long	GER	Berlin	11	7	1936
7.90		ER	Luz	Long	GER	Berlin	1	8	1937
7.98		ER	Henk	Visser	NED	Bucuresti	17	9	1956
8.01		ER	Igor	Ter-Ovanesyan	URS	Moskva	16	5	1959
8.14 (wind not taked)		WB	Manfred	Steinbach	FRG	Berlin	24	7	1960
8.04		ER	Igor	Ter-Ovanesyan	URS	Roma	2	9	1960
8.17		ER	Igor	Ter-Ovanesyan	URS	Kharkov (att.3)	11	6	1961
8.17		ER	Igor	Ter-Ovanesyan	URS	Kharkov (att.6)	11	6	1961
8.19		ER	Igor	Ter-Ovanesyan	URS	Moskva	17	6	1961
8.31	-0.1	WR	Igor	Ter-Ovanesyan	URS	Yerevan	10	6	1962
8.33		EB	Igor	Ter-Ovanesyan	URS	Ciudad de México (att.1)	19	10	1967
8.35	0.0	WR	Igor	Ter-Ovanesyan	URS	Ciudad de México (att.4)	19	10	1967
8.35	+0.8	ER	Josef	Schwarz	FRG	Stuttgart	15	7	1970
8.45	+2.0	ER	Nenad	Stekić	YUG	Montréal	25	7	1975
8.45	+1.9	ER	Lutz	Dombrowski	GDR	Dresden	5	7	1980
8.54	+0.9	ER	Lutz	Dombrowski	GDR	Moskva	28	7	1980
8.61	-0.3	ER	Robert	Emmiyan	URS	Moskva	6	7	1986
8.86	+1.9	ER	Robert	Emmiyan	URS	Tsakhkadzor	22	5	1987



## Triple / Triple Jump

Note 1: Conversion from inches to centimetres (excluding half centimetres).

Note 2: Only includes marks using the orthodox HSJ technique (with the Irish technique -HHJ- the best performance was 15.57/51-1 Daniel Shanahan IRL Newcastle 8.9.1886).

12.19	40-0	WB	Hanmer	Webb	GBR	Cheltenham	30	4	1856
12.21	40-0-3/4	WB	Edward	Grace	GBR	Bristol	25	8	1866
12.63	41-5-1/2	WB	W.	Creswick	GBR	Liverpool	20	6	1868
12.63	41-5-1/2	WB	Henry	Dick	GBR	St.Andrews	15	3	1873
12.77	41-11	EB	Henry	Dick	GBR	Edinburgh	27	3	1875
13.33	43-9	WB	George	Russell	GBR	St.Andrews	2	4	1881
14.40	47-3	WB	John	Purcell	IRL	Dublin	30	5	1885
14.50	47-7	WB	Dan	Sanahan	IRL	Limerick	16	6	1886
14.70	48-3	WB	John	Purcell	IRL	Limerick	9	6	1887
14.73	48-4	EB	Tim	Ahearne	IRL	London (WC) (att.2)	25	7	1908
14.92	48-11-1/4	WB	Tim	Ahearne	IRL	London (WC) (att.6)	25	7	1908
14.92		EB	Folke	Janson	SWE	Kristiania	29	6	1918
15.30		EB	Vilho	Tuulos	FIN	Tampere	20	7	1919
15.39		EB	Vilho	Tuulos	FIN	Vaasa	10	6	1923
15.39		EB	Vilho	Tuulos	FIN	Göteborg	3	7	1923
15.48		ER	Vilho	Tuulos	FIN	Boras	6	7	1923
15.48	50-9-1/2	EB	Willem	Peters	NED	London (SB)	4	7	1927
15.52		EB	Onni	Rajasaari	FIN	Lahti	16	7	1939
15.49		ER	Kaare	Strøm	NOR	Oslo	20	8	1939
15.59		EB	Leonid	Shcherbakov	URS	Moskva	16	7	1950
15.70		ER	Leonid	Shcherbakov	URS	Moskva	20	7	1950
15.98		ER	Leonid	Shcherbakov	URS	Helsinki	23	7	1952
16.12		EB	Leonid	Shcherbakov	URS	Moskva	8	7	1953
16.23	+1.5	WR	Leonid	Shcherbakov	URS	Moskva	19	7	1953
16.35		ER	Leonid	Shcherbakov	URS	Warszawa	3	8	1955
16.46		ER	Leonid	Shcherbakov	URS	Moskva	4	7	1956
16.59	+1.0	WR	Oleg	Ryakhovskiy	URS	Moskva	28	7	1958
16.70	0.0	WR	Oleg	Fedoseyev	URS	Nalchik	3	5	1959
17.03	+1.0	WR	Józef	Schmidt	POL	Olsztyn	5	8	1960
17.10	0.0	WR	Giuseppe	Gentile	ITA	Ciudad de México (Q)	16	10	1968
17.22	0.0	WR	Giuseppe	Gentile	ITA	Ciudad de México (f-att.1)	17	10	1968
17.23	+2.0	WR	Viktor	Saneyev	URS	Ciudad de México (f-att.3)	17	10	1968
17.39	+2.0	WR	Viktor	Saneyev	URS	Ciudad de México (f-att.6)	17	10	1968
17.44	-0.5	WR	Viktor	Saneyev	URS	Sukhumi	17	10	1972
17.57	0.0	ER	Keith	Connor	GBR	Provo, UT	5	6	1982
17.69	+1.0	ER	Oleg	Protsenko	URS	Leningrad	4	8	1985
				(Protsenko at 5th attempt, 5th attempt too: 17,60 +0.6 Vladimir Plekhanov, before or after?)					
17.77	+1.9	ER	Khristo	Markov	BUL	Budapest	11	8	1985
17.78	+1.0	EB	Nikolay	Musiyenko	URS	Leningrad	7	6	1986
17.80	+0.6	ER	Khristo	Markov	BUL	Budapest	11	8	1986
17.81	+2.0	ER	Khristo	Markov	BUL	Sofia	31	5	1987



17.92	+1.6	ER	Khristo	Markov	BUL	Roma	31	8	1987
17.98	+1.8	WR	Jonathan	Edwards	GBR	Salamanca	18	7	1995
18.16	+1.3	WR	Jonathan	Edwards	GBR	Göteborg (att.1)	7	8	1995
18.29	+1.3	WR	Jonathan	Edwards	GBR	Göteborg (att.2)	7	8	1995

## Peso / Shot Put

Note: Conversion from inches to centimetres (excluding half centimetres).

a) 7f - 2.13m run up.

10.72	35-2	WB	Hugh	Williams	GBR	Cambridge	15	3	1859
10.97	36-0	WB	Hugh	Williams	GBR	Cambridge	28	5	1860
10.97	36-0	WB	Robert	McKerchar	GBR	Edinburgh	27	6	1866
11.12	36-6	WB	John	Stone	GBR	London (BH)	15	4	1867
11.45	37-7	WB	John	Stone	GBR	Liverpool	29	6	1867
11.55	37-11	WB	John	Stone	GBR	London (BH)	20	6	1868
11.58	38-0	WB	Richard	Waltham	GBR	Cambridge	5	3	1869
11.58	38-0	WB	Robert	Mitchell	GBR	London (track?)	9	4	1870
11.81	38-9	WB	William	Bullock	GBR	London (LB)	28	5	1870
(the last two marks not included in IAAF WR/WB progression)									
12.44	40-9-3/4	WB	John	Stone	GBR	Warrington	20	8	1870
12.49	41-0	WB	David	Lundie	GBR	Edinburgh	18	3	1871
12.93	42-5	WB	Edward	Bor	IRL	London (LB)	27	3	1872

b) 7f - 2.13m square.

13.23	43-5	WB	John	Maxwell	IRL	Cork	19	4	1884
13.33	43-9	WB	James	O'Brien	IRL	Dublin (att.1)	3	7	1886
13.68	44-10-1/2	WB	James	O'Brien	IRL	Dublin (att.2)	3	7	1886
13.79	45-3	WB	Denis	Horgan	IRL	Dublin	30	6	1894
14.16	46-5-1/2	WB	Denis	Horgan	IRL	Dublin	15	8	1894
14.64	48-0-1/2	WB	Denis	Horgan	IRL	Mallow	9	8	1897
14.68	48-2	WB	Denis	Horgan	IRL	Cobh	19	9	1897
14.68	48-2	WB	Denis	Horgan	IRL	Queenstown	25	9	1897
14.68	48-2	WB	Denis	Horgan	IRL	Queenstown	9	10	1897
14.69	48-2-1/2	EB	Denis	Horgan	IRL	New York	29	9	1900
14.88	48-10	WB	Denis	Horgan	IRL	Mallow	18	9	1904

c) 7f - 2.13m circle.

Note: In the eighties & nineties of the 19th century (& also in the first decade of the 20th century) there is much confusion concerning square & circle systems. The most likely chronology -circle wise- would be the following one:

13.22		EB	James	Mitchell	IRL	New York	19	9	1891
14.35	47-1	EB	Denis	Horgan	IRL	Glasgow	14	8	1899
14.41	47-4-3/8	EB	Denis	Horgan	IRL	New York	21	10	1900
14.68	sq.?	EB	Elmer	Niklander	FIN	Helsinki	4	7	1909
Note: From that point on only the circle system is used.									
14.71		EB	Elmer	Niklander	FIN	Stockholm	11	7	1912
14.86		EB	Elmer	Niklander	FIN	Helsinki	19	7	1913
14.87		EB	Ville	Pörhöla	FIN	Helsinki	5	9	1925
15.17		EB	Kalle	Järvinen	FIN	Tampere	13	6	1927
15.79		WR	Emil	Hirschfeld	GER	Breslau	6	5	1928
15.87		WB	Emil	Hirschfeld	GER	Berlin	18	8	1928

16.00	WB	Emil	Hirschfeld	GER	Bochum (att.1)	26	8	1928	
16.04	WR	Emil	Hirschfeld	GER	Bochum (att.3)	26	8	1928	
16.04	WR	František	Douda	TCH	Brno	4	10	1931	
16.05	WR	Zygmunt	Heljasz	POL	Poznań	29	6	1932	
16.08	EB	František	Douda	TCH	Praha	1	9	1932	
16.20	WR	František	Douda	TCH	Praha	24	9	1932	
16.21	EB	Hans	Woellke	GER	Berlin	31	8	1935	
16.33	EB	Hans	Woellke	GER	Weissenfels	8	9	1935	
16.54	ER	Hans	Woellke	GER	Wünsdorf	17	6	1936	
16.60	ER	Hans	Woellke	GER	Frankfurt/Main	20	8	1936	
16.60	EB	Heinrich	Trippe	GER	Torino	14	9	1940	
16.66	(EB)	Heino	Lipp	URS	Tartu	24	5	1947	
16.72	(EB)	Heino	Lipp	URS	Tartu	7	6	1947	
16.73	(EB)	Heino	Lipp	URS	Kharkov	3	9	1947	
16.93	ER	Heino	Lipp	URS	Moskva	6	8	1950	
16.95	EB	Heino	Lipp	URS	Pöitsamaa	17	6	1951	
16.98	EB	Heino	Lipp	URS	Minsk	7	9	1951	
17.09	EB	Jiří	Skobla	TCH	Stara Boleslav	20	9	1952	
17.12	ER	Jiří	Skobla	TCH	Praha	11	10	1952	
17.31	ER	Jiří	Skobla	TCH	Praha	13	6	1953	
17.36	EB	Jiří	Skobla	TCH	Znojmo	13	9	1953	
17.54	ER	Jiří	Skobla	TCH	Aue/Saale	22	9	1953	
17.57	EB	Jiří	Skobla	TCH	Ost Berlin	1	7	1956	
17.63	ER	Jiří	Skobla	TCH	Budapest	19	8	1956	
17.76	ER	Jiří	Skobla	TCH	Ostrava	25	8	1956	
18.05	EB	Jiří	Skobla	TCH	Athína	14	8	1957	
18.01	ER	Jiří	Skobla	TCH	Praha	25	8	1957	
18.08i	EB	Viktors	Lipsnis	URS	Leningrad	18	1	1959	
18.12i	EB	Arthur	Rowe	GBR	Kiel	26	1	1959	
18.03	ER	Silvano	Meconi	ITA	Verona	7	5	1959	
18.19	ER	Silvano	Meconi	ITA	Pescara (att.2)	24	5	1959	
18.48	ER	Silvano	Meconi	ITA	Pescara (att.3)	24	5	1959	
18.59	61-0	ER	Arthur	Rowe	GBR	London (WC)	14	8	1959
18.67	ER	Vilmos	Varjú	HUN	Budapest	29	7	1960	
18.92	62-1	ER	Arthur	Rowe	GBR	Mansfield	1	8	1960
19.11	ER	Arthur	Rowe	GBR	Ost Berlin	16	10	1960	
19.19	62-11-3/4	ER	Arthur	Rowe	GBR	London (WC) (att.4)	5	8	1961
19.44	63-9-1/4	ER	Arthur	Rowe	GBR	London (WC) (att.5)	5	8	1961
19.56	64-2	ER	Arthur	Rowe	GBR	Mansfield	7	8	1961
19.62	ER	Vilmos	Varjú	HUN	Budapest	4	6	1966	
19.64	ER	Eduard	Gushchin	URS	Chorzów	1	7	1967	
20.08	ER	Dieter	Hoffmann	GDR	Potsdam	3	7	1968	
20.10	ER	Dieter	Hoffmann	GDR	Sokolov	20	7	1968	
20.18	ER	Heinfried	Birlenbach	FRG	Brescia	20	7	1968	
20.28	ER	Eduard	Gushchin	URS	Ciudad de México	4	10	1968	
20.49	ER	Heinz-Joachim	Rothenburg	GDR	Ost Berlin	14	5	1969	
20.64	ER	Hans-Peter	Gies	GDR	Budapest	28	6	1969	
20.69	ER	Hartmut	Briesenick	GDR	Ost Berlin	6	6	1971	
21.00	ER	Hartmut	Briesenick	GDR	Torino	12	6	1971	
21.08	ER	Hartmut	Briesenick	GDR	Helsinki	13	8	1971	
21.12	ER	Heinz-Joachim	Rothenburg	GDR	Moskva	28	8	1971	
21.32	ER	Heinz-Joachim	Rothenburg	GDR	Potsdam	3	6	1972	
21.54	ER	Hartmut	Briesenick	GDR	Potsdam	25	8	1972	

21.67	ER	Hartmut	Briesenick	GDR	Potsdam	1	9	1973
21.70	ER	Aleksandr	Baryshnikov	URS	Moskva	25	8	1974
22.00	WR	Aleksandr	Baryshnikov	URS	Colombes	10	7	1976
22.15	WR	Udo	Beyer	GDR	Göteborg	6	7	1978
22.22	WR	Udo	Beyer	GDR	Los Angeles	25	6	1983
22.62	WR	Ulf	Timmermann	GDR	Ost Berlin	22	9	1985
22.64	WR	Udo	Beyer	GDR	Ost Berlin	20	8	1986
22.72	WR	Alessandro	Andrei	ITA	Viareggio (att.3)	12	8	1987
22.84	WR	Alessandro	Andrei	ITA	Viareggio (att.4)	12	8	1987
22.91	WR	Alessandro	Andrei	ITA	Viareggio (att.5)	12	8	1987
23.06	WR	Ulf	Timmermann	GDR	Hania	22	5	1988

## Disco / Discus

Note 1 (19th century, various square/circles): 35.74 E.W.Eriksson 22.9.1895 Stockholm, 35.75 C.E.Helgesson 26.7.1896 Göteborg & 38.70 G.Söderstrom 18.7.1897 Stockholm, all SWE.

Note 2 (20th century, first decade, with the 2.50m square or 2.70/2.74m circle): Verner Järvinen 43.88 Helsinki 25.8.1901 & 44.84 Helsinki 1.8.1909, & Elmer Niklander 44.88 Helsinki 19.6.1910, both FIN.

Only includes marks -2kg- with 2.50m circle:

39.36	WB	Nándor	Fóthy	HUN	Békéscsaba	20	8	1902
40.61	WB	Nándor	Fóthy	HUN	Budapest	5	10	1902
41.80	WB	Nándor	Fóthy	HUN	Budapest	11	6	1903

From that point on, always under the same conditions (2.50m circle):

44.01	WB	Elmer	Niklander	FIN	Helsinki	5	8	1911
44.34	EB	Armas	Taipale	FIN	Stockholm (att.4)	12	7	1912
45.21	EB	Armas	Taipale	FIN	Stockholm (att.6)	12	7	1912
45.55	EB	Armas	Taipale	FIN	Viipuri	22	7	1912
46.22	EB	Armas	Taipale	FIN	Tampere	28	7	1912
46.94	EB	Armas	Taipale	FIN	Stockholm	1	6	1913
45.57	ER	Elmer	Niklander	FIN	Helsinki	20	7	1913
47.85	WB	Armas	Taipale	FIN	Magdeburg	20	7	1913
48.27	WB	Armas	Taipale	FIN	København (unsanct. comp.)	14/17	8	1913

During this period the Finnish Federation only accepted marks made in their country (other NR: Taipale 46.67 in 1915 & 47.41 in 1916)

48.77	WB	Hans	Hoffmeister	GER	Gelsenkirchen	22	7	1928
48.83	EB	József	Remecz	HUN	Debrecen	21	6	1931
48.97	EB	József	Remecz	HUN	Dunakeszi	1	5	1932
49.44	EB	Jules	Nöel	FRA	Colombes	5	6	1932
49.89	EB	József	Remecz	HUN	Budapest	9	6	1932
50.73	EB	József	Remecz	HUN	Dunakeszi	19	6	1932
52.20	WB	Harald	Andersson	SWE	Oslo (att.2)	25	8	1934
52.42	WR	Harald	Andersson	SWE	Oslo (att.5)	25	8	1934
53.10	WR	Willi	Schröder	GER	Magdeburg	28	4	1935
53.34	WR	Adolfo	Consolini	ITA	Milano	26	10	1941
53.69	WB	Adolfo	Consolini	ITA	Milano (att.2)	14	4	1946
54.23	WR	Adolfo	Consolini	ITA	Milano (att.3)	14	4	1946
54.78	EB	Giuseppe	Tosi	ITA	Perugia	18	7	1948
54.80	ER	Giuseppe	Tosi	ITA	Milano	22	8	1948
54.89	ER	Adolfo	Consolini	ITA	Verona	12	9	1948
55.33	WR	Adolfo	Consolini	ITA	Milano	10	10	1948
55.47	ER	Adolfo	Consolini	ITA	Roma	23	7	1950

55.79	ER	Ferenc	Klics	HUN	Budapest	4	7	1954
56.47	ER	Karel	Merta	TCH	Březnice	17	7	1955
56.69	186-0	ER	Karel	TCH	Manchester	15	10	1955
56.98	ER	Adolfo	Consolini	ITA	Bellinzona	11	12	1955
57.55	EB	Edmund	Piątkowski	POL	Końskie	1	5	1959
57.89	ER	Edmund	Piątkowski	POL	Pabianice	10	5	1959
58.33	ER	József	Szécsényi	HUN	Győr	7	6	1959
59.91	WR	Edmund	Piątkowski	POL	Warszawa	14	6	1959
60.47	ER	Edmund	Piątkowski	POL	Lódź	16	8	1961
61.64	WR	Vladimir	Trusenov	URS	Leningrad	4	6	1962
62.45	ER	Ludvík	Daněk	TCH	Vyškov	10	5	1964
64.55	WR	Ludvík	Daněk	TCH	Turnov	2	8	1964
65.22	WR	Ludvík	Daněk	TCH	Sokolov	12	10	1965
66.07	216-9	WB	Ludvík	TCH	Long Beach, CA (only one judge)	7	6	1966
					(true conversion -66.065- was 66.06 because in 1965 a new IAAF rule was applied, rounding down to the nearest even centimetre).			
66.48	ER	Ludvík	Daněk	TCH	Long Beach, CA	8	6	1969
68.06	ER	Ricky	Bruch	SWE	Malmö	21	9	1969
68.32	EB	Ricky	Bruch	SWE	Malmö	15	5	1971
68.40	WR	Ricky	Bruch	SWE	Stockholm	5	7	1972
68.60	ER	Wolfgang	Schmidt	GDR	Köln	21	5	1976
68.92	ER	Wolfgang	Schmidt	GDR	Ost Berlin	31	5	1978
71.16	WR	Wolfgang	Schmidt	GDR	Ost Berlin	9	8	1978
71.86	WR	Yuriy	Dumchev	URS	Moskva	29	5	1983
74.08	WR	Jürgen	Schult	GDR	Neubrandenburg	6	6	1986

## Martillo / Hammer

Note: Conversion from inches to centimetres (excluding half centimetres).

a): With unlimited run the best was G.Hales GBR (40.51/132-11 in 1875 & 42.14/138-3 in 1876).

b): With lines drawn 7f - 2.13m apart the best were G.Hales GBR (33.53/110-0 in 1877) & O.Harte IRL (34.80/114-2 in 1884).

c): With 7f - 2.13m circle:

30.12	98-10	WB	Edmund	Baddeley	GBR	London (LB)	15	4	1878
30.12	98-10	WB	Maurice	Davin	GBR	Birmingham	16	7	1881
30.85	101-2-1/2	WB	John	Gruer	GBR	London (LB)	30	6	1883
33.00	108-3	WB	William	Barry	IRL	Tralee	17	6	1885
35.51	116-6	WB	William	Barry	IRL	Tralee	24	6	1885
35.61	116-10	WB	William	Barry	IRL	Dublin	11	7	1885
36.27	119-0	WB	William	Barry	IRL	New York	1	10	1885
36.27	119-0	WB	William	Barry	IRL	Cork	17	4	1886
36.40	119-5	WB	James	Mitchell	IRL	Limerick	16	6	1886
36.50	119-9	WB	James	Mitchell	IRL	Limerick	9	6	1887
37.06	121-7	WB	William	Barry	IRL	New York	1	10	1887
37.35	122-6-1/2	WB	William	Barry	IRL	New York	29	7	1888
38.91	127-8	WB	James	Mitchell	IRL	New York	18	5	1889
40.46	132-9	WB	James	Mitchell	IRL	Bayonne, N.J.	12	6	1889
40.74	133-8	WB	James	Mitchell	IRL	Elkton	10	10	1889
40.80	133-10-1/2	WB	James	Mitchell	IRL	New York	13	6	1891

42.41	139-2	WB	James	Mitchell	IRL	New York	12	9	1891
42.63	139-10-1/2	WB	James	Mitchell	IRL	Detroit	29	9	1891
43.06	141-3-1/2	WB	James	Mitchell	IRL	New York	10	10	1891
43.20	141-9	WB	James	Mitchell	IRL	Philadelphia	18	6	1892
44.21	145-0-3/4	WB	James	Mitchell	IRL	New York	8	10	1892
44.46	145-10-1/2	WB	John	Flanagan	IRL	Clonmel	9	9	1895
44.80	147-0	WB	John	Flanagan	IRL	London (SB)	6	4	1896
45.93	150-8	WB	John	Flanagan	IRL	Bayonne, N.J.	30	5	1897
46.81	153-6	WB	John	Flanagan	IRL	New Orleans	15	5	1898
47.18	154-9-1/2	WB	John	Flanagan	IRL	New York (att.1)	11	6	1898
48.26	158-4	WB	John	Flanagan	IRL	New York (att.2)	11	6	1898
48.27	158-4-1/2	WB	John	Flanagan	IRL	Boston	23	7	1898
50.01	164-1	WB	John	Flanagan	IRL	Boston	22	7	1899
50.24	164-10	WB	John	Flanagan	IRL	New York	30	7	1899
50.82	166-9	WB	John	Flanagan	IRL	New York (att.2)	23	9	1899
51.10	167-8	WB	John	Flanagan	IRL	New York (att.3)	23	9	1899
51.21	168-0	WB	John	Flanagan	IRL	New York (att.1)	29	9	1900
51.61	169-4	WB	John	Flanagan	IRL	New York (att.5)	29	9	1900
52.51	172-3-1/2	EB	Carl Johan	Lind	SWE	London (SB)	1	7	1922
52.76		EB	Malcolm	Nokes	GBR	Paris (P)	29	7	1923
53.85		EB	Ossian	Skiöld	SWE	Stockholm	10	9	1927
54.48		EB	Pat	O'Callaghan	IRL	Stockholm	11	7	1931
56.06	183-11	EB	Pat	O'Callaghan	IRL	Clonmel	9	8	1931
56.94	186-10	EB	Pat	O'Callaghan	IRL	Enniscorthy	24	9	1933
56.67	185-11	ER	Pat	O'Callaghan	IRL	Wexford	29	9	1933
56.68		EB	Karl	Hein	GER	Osnabrück	29	7	1937
59.56	195-4-7/8	WB	Pat	O'Callaghan	IRL	Fermoy	22	8	1937
(The Irish Federation was not an IAAF member at the time, and therefore it was not accepted as a WR)									
57.22		EB	Karl	Hein	GER	Berlin	18	9	1937
57.25		EB	Erwin	Blask	GER	München	17	8	1938
58.24		WB	Karl	Hein	GER	Osnabrück	21	8	1938
59.00		WR	Erwin	Blask	GER	Stockholm	27	8	1938
59.02		WR	Imre	Németh	HUN	Tata	14	7	1948
59.57		WR	Imre	Németh	HUN	Katowice	4	9	1949
59.88		WR	Imre	Németh	HUN	Budapest	19	5	1950
60.34		WR	József	Csermák	HUN	Helsinki	24	7	1952
61.25		WR	Sverre	Strandli	NOR	Oslo	14	9	1952
62.36		WR	Sverre	Strandli	NOR	Oslo	5	9	1953
63.34		WR	Mikhail	Krivososov	URS	Bern	29	8	1954
64.05		WR	Stanislav	Nenashev	URS	Baku	12	12	1954
64.33		WR	Mikhail	Krivososov	URS	Warszawa	4	8	1955
64.52		WR	Mikhail	Krivososov	URS	Beograd	19	9	1955
65.85		WR	Mikhail	Krivososov	URS	Nalchik	25	4	1956
66.38		WR	Mikhail	Krivososov	URS	Minsk	8	7	1956
66.85		WB	Mikhail	Krivososov	URS	Tashkent (Q)	22	10	1956
67.32		WR	Mikhail	Krivososov	URS	Tashkent (f)	22	10	1956
67.92		EB	Vasiliy	Rudencov	URS	Moskva	5	9	1959
67.92		EB	Vasiliy	Rudencov	URS	Leselidze	3	5	1960
68.22		ER	Gyula	Zsivótzky	HUN	Budapest	29	5	1960
68.62		EB	Gyula	Zsivótzky	HUN	Budapest (att.4)	14	8	1960
69.53		ER	Gyula	Zsivótzky	HUN	Budapest (att.5)	14	8	1960
69.58		ER	Gyula	Zsivótzky	HUN	Budapest	8	9	1962



69.64	ER	Gyula	Zsivótzky	HUN	Beograd	16	9	1962
70.42	ER	Gyula	Zsivótzky	HUN	Budapest	23	9	1962
71.02	ER	Romuald	Klim	URS	Oslo	21	8	1965
73.74	WR	Gyula	Zsivótzky	HUN	Debrecen (73.75)	4	9	1965
73.76	WR	Gyula	Zsivótzky	HUN	Budapest (73.77)	14	9	1968
(in 1965 a new IAAF rule was applied, rounding down to the nearest even centimetre)								
74.52	WR	Romuald	Klim	URS	Budapest	15	6	1969
74.68	WR	Anatoliy	Bondarchuk	URS	Pireás (Eur.Ch.Athína)	20	9	1969
75.48	WR	Anatoliy	Bondarchuk	URS	Rovno (IAAF version day: 13)	11	10	1969
76.40	WR	Walter	Schmidt	FRG	Lahr (76.41)	4	9	1971
76.60	WR	Reinhard	Theimer	GDR	Leipzig	4	7	1974
76.66	WR	Aleksey	Spiridonov	URS	München	11	9	1974
76.70	WR	Karl-Hans	Riehm	FRG	Rehlingen (att.1)	19	5	1975
77.56	WR	Karl-Hans	Riehm	FRG	Rehlingen (att.2)	19	5	1975
78.50	WR	Karl-Hans	Riehm	FRG	Rehlingen (att.4)	19	5	1975
79.30	WR	Walter	Schmidt	FRG	Frankfurt/Main	14	8	1975
80.14	WR	Boris	Zaichuk	URS	Moskva	9	7	1978
80.32	WR	Karl-Hans	Riehm	FRG	Heidenheim	6	8	1978
80.38	WR	Yuriy	Sedykh	URS	Leselidze (att.3)	16	5	1980
80.46	WR	Jüri	Tamm	URS	Leselidze (att.3)	16	5	1980
80.64	WR	Yuriy	Sedykh	URS	Leselidze (att.5)	16	5	1980
81.66	WR	Sergey	Litvinov	URS	Sochi	24	5	1980
81.80	WR	Yuriy	Sedykh	URS	Moskva	31	7	1980
83.98	WR	Sergey	Litvinov	URS	Moskva	4	6	1982
84.14	WR	Sergey	Litvinov	URS	Moskva	21	6	1983
86.34	WR	Yuriy	Sedykh	URS	Cork	3	7	1984
86.66	WR	Yuriy	Sedykh	URS	Tallinn	22	6	1986
86.74	WR	Yuriy	Sedykh	URS	Stuttgart	30	8	1986

## Jabalina / Javelin

a) With 747g: 30.58 M.Mexmontan 1883, 35.92 H.Wasenius 1884 & 37.95 H.Fellman 1890, all FIN.

b) With 800g (but free style): 57.91 & 58.80 in 1909, 60.64 in 1911, all M.Kóczán HUN.

c) With 800g, classic style:

35.81	WB	Adolf	Wigert	SWE	Stockholm	5	9	1886
37.61	WB	Hjalmar	Fellman	FIN	Stockholm (att.1)	18	5	1891
37.82	WB	Hjalmar	Fellman	FIN	Stockholm (att.2)	18	5	1891
38.75	WB	Emil	Nässling	FIN	Turku	20	9	1891
40.38	WB	Axel	Lindblad	SWE	Stockholm	22	5	1892
40.81	WB	Ture	Örn	SWE	Stockholm	17	6	1894
42.86	WB	Hjalmar	Gorschelnik	FIN	Vaasa	21	6	1894
42.92	WB	Axel	Lindblad	SWE	Stockholm	19	8	1894
42.95	WB	Harald	Andersson	SWE	Göteborg	9	9	1894
43.60	WB	Gustav	Gran	NOR	Kristiania	8	9	1895
45.50	WB	Valter	Noren	FIN	Turku	29	9	1895
49.32	WB	Eric	Lemming	SWE	Göteborg	18	6	1899
50.44	WB	Eric	Lemming	SWE	Jönköping	31	8	1902
51.95	WB	Eric	Lemming	SWE	Göteborg	7	9	1902
52.27	WB	Eric	Lemming	SWE	Stockholm (Q)	30	5	1903
53.79	WB	Eric	Lemming	SWE	Stockholm (f)	31	5	1903



53.90	WB	Eric	Lemming	SWE	Athína	26	4	1906
54.15	WB	Eric	Lemming	SWE	Stockholm	22	9	1907
55.34 (not ratified as NR)		Eric	Lemming	SWE	Stockholm (att.1)	7	6	1908
57.33 (not ratified as NR)		Eric	Lemming	SWE	Stockholm (att.2)	7	6	1908
56.28	WB	Eric	Lemming	SWE	Stockholm	13	9	1908
56.46	WB	Eric	Lemming	SWE	Malmö	11	7	1909
			(other perfs. not ratified as a NR: 56.64 Malmö 25.7.1909 & 56.60 Stockholm 10.9.1910)					
58.27	WB	Eric	Lemming	SWE	Lidköping	10	9	1911
61.45	WB	Julius	Saaristo	FIN	Helsinki	25	5	1912
62.32	WR	Eric	Lemming	SWE	Stockholm	29	9	1912
63.29	WB	Jonni	Myyrä	FIN	Malmö	5	7	1914
64.81	WB	Jonni	Myyrä	FIN	Lappeenranta	18	7	1915
65.55	WB	Jonni	Myyrä	FIN	Savitaipale	13	7	1919
66.10	WR	Jonni	Myyrä	FIN	Stockholm	25	8	1919
66.62	WR	Gunnar	Lindström	SWE	Eksjö	12	10	1924
67.31	WB	Gunnar	Lindström	SWE	Oslo	20	9	1925
69.88	WR	Eino	Penttilä	FIN	Viipuri	8	10	1927
71.01	WR	Erik	Lundqvist	SWE	Stockholm	15	8	1928
72.38	WB	Matti	Järvinen	FIN	Stockholm	28	7	1930
71.57	WR	Matti	Järvinen	FIN	Viipuri	8	8	1930
71.70	WR	Matti	Järvinen	FIN	Tampere	17	8	1930
71.88	WR	Matti	Järvinen	FIN	Vaasa	31	8	1930
72.93	WR	Matti	Järvinen	FIN	Viipuri	14	9	1930
74.02	WR	Matti	Järvinen	FIN	Turku	27	6	1932
74.28	WR	Matti	Järvinen	FIN	Mikkeli	25	5	1933
74.61	WR	Matti	Järvinen	FIN	Vaasa	7	6	1933
76.10	WR	Matti	Järvinen	FIN	Helsinki	15	6	1933
76.66	WR	Matti	Järvinen	FIN	Torino	7	9	1934
77.23	WR	Matti	Järvinen	FIN	Helsinki	18	6	1936
77.87	WR	Yrjö	Nikkanen	FIN	Karhula	25	8	1938
78.70	WR	Yrjö	Nikkanen	FIN	Kotka	16	10	1938
80.15	ER	Janusz	Sidło	POL	Jena	2	10	1953
83.56	WR	Soini	Nikkinen	FIN	Kuhmoinen	24	6	1956
83.66	WR	Janusz	Sidło	POL	Milano	30	6	1956
85.71	WR	Egil	Danielsen	NOR	Melbourne	26	11	1956
86.74	WR	Carlo	Lievore	ITA	Milano	1	6	1961
87.12	WR	Terje	Pedersen	NOR	Oslo	1	7	1964
91.72	WR	Terje	Pedersen	NOR	Oslo	2	9	1964
91.98	WR	Jänis	Lusis	URS	Saarijärvi	23	6	1968
92.70	WR	Jorma	Kinnunen	FIN	Tampere	18	6	1969
93.80	WR	Jänis	Lusis	URS	Stockholm	6	7	1972
94.08	WR	Klaus	Wolfemann	FRG	Leverkusen	5	5	1973
94.58	WR	Miklós	Németh	HUN	Montréal	26	7	1976
96.72	WR	Ferenc	Paragi	HUN	Tata	23	4	1980
96.72	ER	Detlef	Michel	GDR	Ost Berlin	8	6	1983
99.52	ER	Uwe	Hohn	GDR	Potsdam	25	5	1984
104.80	WR	Uwe	Hohn	GDR	Ost Berlin	20	7	1984

New Specifications (r = rough-surface)

78.62	WB	Klaus	Tafelmeier	FRG	London (CP)	14	9	1985
78.64	EB	Roald	Bradstock	GBR	Tucson, AZ (att.1)	3	5	1986
81.74	WB	Roald	Bradstock	GBR	Tucson, AZ (att.2)	3	5	1986
82.24	WB	Klaus	Tafelmeier	FRG	Hannover	7	6	1986
83.68	WB	Viktor	Yevsyukov	URS	Leningrad	8	6	1986
84.76	EB	Klaus	Tafelmeier	FRG	Stuttgart	27	8	1986
85.74	WR	Klaus	Tafelmeier	FRG	Como	21	9	1986
87.66	WR	Jan	Železný	TCH	Nitra	31	5	1987
89.10	WR	Patrik	Bodén	SWE	Austin, TX	24	3	1990
89.58	WR	Steve	Backley	GBR	Stockholm	2	7	1990
89.66r	WR	Jan	Železný	TCH	Oslo	14	7	1990
90.98r	WR	Steve	Železný	GBR	London (CP)	20	7	1990
91.98r	WR	Seppo	Räty	FIN	Shizuoka	6	5	1991
96.96r	WR	Seppo	Räty	FIN	Punkalaidun	2	6	1991
91.46	WR	Steve	Backley	GBR	North Shore City	25	1	1992
95.54	WR	Jan	Železný	CZE	Pietersburg	6	4	1993
95.66	WR	Jan	Železný	CZE	Sheffield	29	8	1993
98.48	WR	Jan	Železný	CZE	Jena	25	5	1996

#### 4x100m

Note: Includes alternative progression, with winning times, in case the EB is estimated.

48.1/5	WB	AC Sparta Praha / BOH Pohl, Schnepf, Malecek, Havel			Praha	26	6	1897
48.0	EB	Akademischer SC Berlin / GER Lindemann, Grassmann, Kutscher, Frank			Berlin	14	7	1901
47.1/5	WB	MTV München 1879 / GER Kaltenbach, W.Keyl, J.Keyl, Baumeister			Frankfurt/Main	..	..	1902
46.8	WB	TSV München 1860 / GER Reisner, Neuss, W.Keyl, J.Keyl			Frankfurt/Main	17	8	1902
46.0	WB	IFK Gävle / SWE Westergren, Asbrink, Lidén, Arnell			Gävle	28	9	1902
45.4	WB	AIK Stockholm / SWE A.Ljung, Frick, Carlsson, C.Ljung			Stockholm	16	9	1906
45.3	WB	AIK Stockholm / SWE Frick, Carlsson, C.Ljung, Lindqvist			Malmö	9	6	1907
45.0	WB	AIK Stockholm / SWE A.Ljung, Frick, Almqvist, Carlsson			Stockholm	4	8	1907
45.0	WB	AIK Stockholm / SWE			Stockholm	8	9	1907
44.0	WB	Berlin Team / GER Kohlmeier, Rau, Falk, Hoffmann			Frankfurt/Main	..	8	1908
43.9	WB	TSV München 1860 / GER Ketterer, Bäurle, Haggenmüller, Kern			München	12	5	1912
43.5	WB	SC Charlottenburg / GER Röhr, Sandvoss, Schöltz, Rau			Berlin	19	5	1912
43.0	WB	GBR Jacobs, Macintosh, D'Arcy, Applegarth			Stockholm (sf1)	8	7	1912
42.5	WB	SWE Möller, Luther, Person, Lindberg			Stockholm (sf2)	8	7	1912
42.3	WR	GER Röhr, Herrmann, Kern, Rau			Stockholm (sf3)	8	7	1912
42.0	WR	GBR Abrahams, Rangeley, Royle, Nichol			Colombes (Ol.G.Paris) (h1)	12	7	1924
42.0	WR	NED			Colombes (Ol.G.Paris) (h3)	12	7	1924



41.8	EB	Boot, Broos, de Vries, van den Berge GBR	Colombes (Ol.G.Paris) (sf2)	13	7	1924
41.2 e	EB	Abrahams, Rangeley, Royle, Nichol GBR	Colombes (Ol.G.Paris) (f)	13	7	1924
41.8	EB	GER	Basel	22	8	1926
41.7	EB	Dreibholz, Wege, Houben, Körnig NED	Köln	12	9	1926
41.3	EB	De Boer, Broos, Lamp, van den Berge SC Charlottenburg-Berlin / GER	Berlin	17	7	1927
41.0	WB	Gerber, Schlöske, Nathan, Körnig GER	Düsseldorf	31	7	1927
41.0	WB	Büchner, Wichmann, Houben, Schüller GER	Düsseldorf (R-2)	20	5	1928
41.0	WB	Lammers, Wichmann, Houben, Körnig GER	Düsseldorf (R-3)	20	5	1928
40.8	WB	Lammers, Wichmann, Houben, Körnig GER	Berlin	3	6	1928
41.0	WR	Corts, Wichmann, Houben, Körnig SG Eintracht Frankfurt / GER	Halle	10	6	1928
40.8	WB	Geerling, Wichmann, Metzger, Salz GER	Dortmund	24	6	1928
40.8	WB	Corts, Wichmann, Houben, Körnig GER	Bochum	25	6	1928
40.8	WR	Geerling, Corts, Houben, Schüller GER	Berlin	2	9	1928
40.8	WR	Jonath, Corts, Houben, Körnig				
40.8	WR	SC Charlottenburg / GER	Breslau	22	7	1929
40.7	WB	Körnig, Grosser, Nathan, Schlöske GER	Kassel (Race-1)	14	6	1932
40.6	WR	Hendrix, Geerling, Borchmeyer, Jonath GER	Kassel (Race-2)	14	6	1932
40.6	WR	Körnig, Lammers, Borchmeyer, Jonath				
40.3	EB	GER	Berlin	13	8	1938
40.1	ER	Kersch, Hornberger, Neckermann, Scheuring GER	Berlin	29	7	1939
40.1	ER	Borchmeyer, Hornberger, Neckermann, Scheuring				
40.1	ER	ITA	Firenz	13	10	1956
40.0	ER	Gnocchi, Lombardo, Ghiselli, Galbiati GER	Köln	14	10	1956
39.8	ER	Knörzer, Steinbach, Pohl, Germar URS	Melbourne (39.93)	1	12	1956
39.8	ER	Tokaryev, Sukharyev, Konovalov, Bartenyev				
39.5	WR	FRG	Köln	29	8	1958
39.5	WR	Steinbach, Lauer, Fütterer, Germar FRG	Roma (h3/39.61)	7	9	1960
39.5	WR	Cullmann, Hary, Mahlendorf, Lauer FRG	Roma (f/39.66)	8	9	1960
39.5	WR	Cullmann, Hary, Mahlendorf, Lauer				
39.4	ER	URS	Moskva	15	7	1961
39.3	ER	Ozolin, Politiko, Konovalov, Bartenyev FRA	Paris (Ch)	12	6	1964
39.2	ER	Brugier, Laidebeur, Piquemal, Delecour FRA	Annecy (39.25)	18	7	1964
39.2	ER	Genevay, Brugier, Laidebeur, Delecour				
39.2	ER	POL	Warszawa	7	8	1965



39.2	ER	Zieliński, Maniak, Romanowski, Dudziak URS	Colombes	2 10 1965
39.2	EB	Ozolin, Tuyakov, Savchuk, Politiko FRA	Kiev	17 9 1966
39.1	ER	Berger, Delecour, Piquemal, Bambuck FRA	Paris (JB) (39.16)	7 6 1967
38.9	ER	Berger, Delecour, Piquemal, Bambuck FRA	Ostrava (39.09)	22 7 1967
38.9	EB	Berger, Delecour, Piquemal, Bambuck URS	Ciudad de México	4 10 1968
38.9 a	ER	Khlopotnov, Ivanov, Sinyayev, Maslakov GDR	Ciudad de México (h3/38.93)	19 10 1968
38.7 a	ER	Erbstösser, Schelter, Haase, Eggers GDR	Ciudad de México (sf1/38.72)	19 10 1968
38.4 a	ER	Erbstösser, Schelter, Haase, Eggers FRA	Ciudad de México (f/38.43)	20 10 1968
		Fenouil, Delecour, Piquemal, Bambuck		
Automatic timing (8 times -39.93 ..... 38.43- already cited -in tenths & in hundredths in brackets- in previous list)				
41.22	WB	GER Körnig, Hendrix, Borchmeyer, Jonath	Los Angeles	6 8 1932
41.13	EB	ITA Mariani, Caldana, Ragni, Gonnelli	Berlin	9 8 1936
40.98	EB	FRA Porthault, Bally, Camus, Bonino	Helsinki (h1)	26 7 1952
40.58	EB	URS Tokaryev, Kalyayev, Sanadze, Sukharyev	Helsinki (f)	27 7 1952
40.36	EB	URS Tokaryev, Sukharyev, Konovalov, Bartenyev	Melbourne (sf2)	1 12 1956
39.93	EB	URS Tokaryev, Sukharyev, Konovalov, Bartenyev	Melbourne (f)	1 12 1956
39.61	EB	FRG Cullmann, Hary, Mahlendorf, Lauer	Roma	7 9 1960
39.25	WB	FRA Genevay, Brugier, Laidebeur, Delecour	Annecy	18 7 1964
39.16	EB	FRA Berger, Delecour, Piquemal, Bambuck	Paris (JB)	7 6 1967
39.09	EB	FRA Berger, Delecour, Piquemal, Bambuck	Ostrava	22 7 1967
39.03	EB	FRA Fenouil, Delecour, Piquemal, Bambuck	Ciudad de México (h2)	19 10 1968
38.93	EB	GDR Erbstösser, Schelter, Haase, Eggers	Ciudad de México (h3)	19 10 1968
38.72	EB	GDR Erbstösser, Schelter, Haase, Eggers	Ciudad de México (sf1)	19 10 1968
38.43	ER	FRA Fenouil, Delecour, Piquemal, Bambuck	Ciudad de México (f)	20 10 1968
38.42	ER	ITA Lazzer, Caravani, Grazioli, Mennea	Ciudad de México	13 9 1979
38.26	ER	URS Muravyov, Sidorov, Aksinin, Prokofyev	Moskva	1 8 1980
38.19	ER	URS Yevgenyev, Yushmanov, Muravyov, Bryzgin	Moskva	9 7 1986
38.02	ER	URS Yevgenyev, Bryzgin, Muravyov, Krylov	Roma	6 9 1987



37.79	WR	FRA Morinière, Sangouma, Trouabal, Marie-Rose	Split	1 9 1990
37.77	ER	GBR Jackson, Jarrett, Regis, Christie	Stuttgart	22 8 1993
37.73	ER	GBR Gardener, Campbell, Devonish, Chambers	Sevilla	29 8 1999
37.36	ER	GBR Gemili, Hughes, Kilty, Mitchell-Blake	Doha	5 10 2019

#### 4x400m

Note 1: y = 4x440 yards (402.34 metres).

Note 2: Includes alternative progression, with winning times, in case the EB is estimated.

3.38.6y	EB	Edinburgh Harriers / GBR Henry, Macdonald, Hay, Thomson	Edinburgh	3 7 1899
3.35.6y	EB	Unity AC / GBR Nelson, Tillinghurst, Binks, Wadsley	London (SB)	18 5 1901
3.32.0y	EB	South London Harriers / GBR Constantine, Cowley, Densham, Dodd	London (KO)	7 9 1901
3.28.6y	EB	South London Harriers / GBR Longhurst, Densham, George, Reed	London (HH)	19 5 1906
3.22.0y	EB	Polytechnic Harriers / GBR Yeatman, Hawkins, Nicol, Davies	London (WC)	1 8 1908
3:19.0	EB	GBR Nicol, Henley, Soutter, Seedhouse	Stockholm	14 7 1912
3:17.0 e	EB	SWE Svensson, Byléhn, Wejnarth, Engdahl	Colombes (Ol.G.Paris)	13 7 1924
3:18.2y	EB	British Empire (all GBR) Toms, Ripley, Butler, Liddell (probable time in 1600m: 3:17.0/3:17.1)	London (SB)	19 7 1924
3:17.4	EB	GER Peltzer, Schmidt, Faist, Engelhard	Basel	22 8 1926
3:14.8 e	EB	GER Neumann, Krebs, Storz, Engelhard	Amsterdam	5 8 1928
3:16.6	EB	HUN Gerö, Odri, Szalai, Barsi	Köln	7 8 1928
3:15.0	EB	GBR Brangwin, Burghley, Hanlon, Rampling	Köln	30 8 1931
3:11.2	EB	GBR Stoneley, Hampson, Burghley, Rampling	Los Angeles	7 8 1932
3:09.0	ER	GBR Wolff, Rampling, Roberts, Brown	Berlin	9 8 1936
3:06.6	ER	FRG Geister, Steines, Ulzheimer, Haas	Helsinki (3:06.77)	27 7 1952
3:05.6	ER	FRG Reske, Kinder, Kaiser, Kaufmann	Freiburg	21 8 1960
3:02.7	ER	FRG	Roma (3:02.84)	8 9 1960



**1920T 1985T**

7485.610	6087	WR	Aleksander Klumberg	EST	Helsinki	16/17	9	1922
12.3 - 6.59 - 12.92 - 1.75 - 55.0 - 17.0 - 39.64 - 3.40 - 62.20 - 5:11.3								
7671.085	6324	EB	Paavo Yrjölä	FIN	Helsinki	18/19	7	1925
12.0 - 6.45 - 13.69 - 1.80 - 52.8 - 17.6 - 39.40 - 3.20 - 57.61 - 4:34.8								
7832.030	6460	WR	Paavo Yrjölä	FIN	Viipuri	17/18	7	1926
11.8 - 6.54 - 13.97 - 1.85 - 52.4 - 16.9 - 37.31 - 3.30 - 56.70 - 4:41.1 (with rounded times -17.0 & 4:41.2- the score was 7820.93)								
8018.990	6586	WR	Paavo Yrjölä	FIN	Helsinki	16/17	7	1927
11.7 - 6.73 - 14.27 - 1.85 - 52.8 - 16.8 - 40.76 - 3.20 - 57.40 - 4:41.8 (with rounded time -11.8- the score was 7995.19)								
8053.290	6587	WR	Paavo Yrjölä	FIN	Amsterdam	3/4	8	1928
11.8 - 6.72 - 14.11 - 1.87 - 53.2 - 16.6 - 42.09 - 3.30 - 55.70 - 4:44.0								
8117.300	6700	WB	Paavo Yrjölä	FIN	Aalborg	09/10	7	1930
11.6 - 6.76 - 14.72 - 1.85 - 53.2 - 16.1 - 39.66 - 3.10 - 58.88 - 4:37.5								
8255.475	6865	WR	Akilles Järvinen	FIN	Viipuri	19/20	7	1930
11.1 - 6.89 - 13.14 - 1.80 - 50.0 - 15.4 - 36.47 - 3.60 - 58.15 - 4:54.2								
8292.480	6879	EB	Akilles Järvinen	FIN	Los Angeles	5/6	8	1932
11.1 - 7.00 - 13.11 - 1.75 - 50.6 - 15.7 - 36.80 - 3.60 - 61.00 - 4:47.0								
8460.620	6833	ER	Hans-Heinrich Sievert	GER	Hamburg	22/23	7	1933
11.4 - 7.09 - 14.55 - 1.82 - 54.0 - 16.2 - 46.66 - 3.40 - 59.58 - 4:59.8 (with 1.825 the score was 8467.620 WB)								
8790.460	7147	WR	Hans-Heinrich Sievert	GER	Hamburg	7/8	7	1934
11.1 - 7.48 - 15.31 - 1.80 - 52.2 - 15.8 - 47.23 - 3.43 - 58.32 - 4:58.8 Note: The above performance re-scored (1934T: 7824 & 1952T: 7135).								

**1950/52T 1985T**

7292	7224	ER	Vasiliy Kuznetsov	URS	Kiev	6/7	7	1954
11.0 - 6.71 - 13.70 - 1.80 - 51.0 - 15.4 - 49.85 - 3.90 - 60.62 - 4:54.4								
7647	7427	ER	Vasiliy Kuznetsov	URS	Tbilisi	15/16	11	1955
10.9 - 7.28 - 14.30 - 1.83 - 51.0 - 14.9 - 47.38 - 3.90 - 65.33 - 5:11.4								
7694	7468	ER	Vasiliy Kuznetsov	URS	Moskva	3/4	7	1956
10.7 - 7.16 - 14.51 - 1.83 - 49.6 - 15.4 - 46.86 - 4.10 - 59.61 - 5:02.4								
7733	7429	ER	Vasiliy Kuznetsov	URS	Moskva	14/15	8	1956
10.7 - 7.10 - 13.71 - 1.75 - 50.8 - 14.4 - 49.21 - 3.90 - 64.98 - 5:11.0								
8014	7653	WR	Vasiliy Kuznetsov	URS	Krasnodar	17/18	5	1958
11.0 - 7.30 - 14.49 - 1.75 - 49.1 - 14.5 - 47.50 - 4.00 - 66.16 - 4:50.0								
8042	7658	ER	Vasiliy Kuznetsov	URS	Tbilisi	31.10/1	11	1958
10.8 - 7.11 - 14.63 - 1.81 - 49.7 - 14.7 - 48.14 - 4.10 - 67.55 - 5:00.8								
8357	7839	WR	Vasiliy Kuznetsov	URS	Moskva	16/17	5	1959
10.7 - 7.35 - 14.68 - 1.89 - 49.2 - 14.7 - 49.94 - 4.20 - 65.06 - 5:04.6								
8360/1	7863	ER	Yuriy Kutenko	URS	Kiev	5/6	9	1961
10.7 - 7.01 - 15.04 - 1.80 - 50.3 - 15.2 - 47.18 - 4.30 - 72.79 - 4:34.3 Note: In 1952T 4:34.2=466 points & 4:34.4=464 (in 1500, times in uneven tenth are not scored), with 4:34.3=465 points (total 8361) but with 464 points the total was 8360. Note: The above performance re-scored (1962T: 7968m).								

**1962T 1985T**

8319m	8235m	WR	Kurt Bendlin	FRG	Heidelberg	13/14	5	1967
10.6m - 7.55 - 14.50- 1.84 - 47.9m - 14.8m - 46.31 - 4.10 - 74.85- 4:19.4m								
8456	8466	WR	Nikolay Avilov	URS	München	7/8	9	1972
11.00 - 7.68 - 14.36 - 2.12 - 48.45 - 14.31 - 46.98 - 4.55 - 61.66 - 4:22.82 (8454 with 48.5a)								
8468m	8386m	EB	Aleksandr Grebenyuk	URS	Talence	4/5	9	1976



10.7m - 6.89 - 15.82 - 2.04 - 48.7m - 14.3m - 52.24 - 4.40 - 71.08- 4:34.5m

8478m	8400m	EB	Aleksandr Grebenyuk	URS	Riga	2/3	7	1977
			10.7m - 7.12 - 15.50 - 2.02 - 48.8m - 14.3m - 45.52 - 4.70 - 71.52 - 4:27.3m					
8498	8493	ER	Guido Kratschmer	FRG	Bernhausen	29/30	7	1978
			10.60 - 7.84 - 16.56 - 1.91 - 47.64 - 14.01 - 4.50 - 58.80 - 4:28.31					
8622	8648	WR	Daley Thompson	GBR	Götzis	17/18	5	1980
			10.55 - 7.72 - 14.46 - 2.11 - 48.04 - 14.37 - 42.98 - 4.90 - 65.38 - 4:25.49					
8649	8667	WR	Guido Kratschmer	FRG	Bernhausen (IAAF ernns.day: 14/15)	13/14	6	1980
			10.58w - 7.80 - 15.47 - 2.00 - 48.04 - 13.92 - 45.52 - 4.60 - 66.50 - 4:24.15					
8704	8730	WR	Daley Thompson	GBR	Götzis	22/23	5	1982
			10.50w - 7.95 - 15.31 - 2.08 - 46.86 - 14.31 - 44.34 - 4.90 - 60.52 - 4:30.55					
8723	8741	WR	Jürgen Hingsen	FRG	Ulm	14/15	8	1982
			10.74w - 7.85 - 16.00 - 2.15 - 47.65 - 14.64 - 44.92 - 4.60 - 63.10 - 4:15.13					
8743	8774	WR	Daley Thompson	GBR	Athina	7/8	9	1982
			10.51 - 7.80 - 15.44 - 2.03 - 47.11 - 14.39 - 45.48 - 5.00 - 63.56 - 4:23.71					
8779	8825	WR	Jürgen Hingsen	FRG	Bernhausen	4/5	6	1983
			10.92 - 7.74 - 15.94 - 2.15 - 47.89 - 14.10 - 46.80 - 4.70 - 67.26 - 4:19.74					
8798	8832	WR	Jürgen Hingsen	FRG	Mannheim	8/9	6	1984
			10.70w - 7.76 - 16.42 - 2.07 - 48.05 - 14.07 - 49.36 - 4.90 - 59.86 - 4:19.75					
8798	8847	WR	Daley Thompson	GBR	Los Angeles	8/9	8	1984
			10.44 - 8.01 - 15.72 - 2.03 - 46.97 - 14.33 - 46.56 - 5.00 - 65.24 - 4:35.00					

#### 1985T

8994		WR	Tomáš Dvořák	CZE	Praha	3/4	7	1999
			10.54 - 7.90 - 16.78 - 2.04 - 48.08 - 13.73 - 48.33 - 4.90 - 72.32 - 4:37.20					
9026		WR	Roman Šebrle	CZE	Götzis	26/27	5	2001
			10.64 - 8.11 - 15.33 - 2.12 - 47.79 - 13.92 - 47.92 - 4.80 - 70.16 - 4:21.98					
9.126		WR	Kevin Mayer	FRA	Talence	16	9	2018
			10.55 - 7.80 - 16.00 - 2.05 - 48.42 - 13.75 - 50.54 - 5.45 - 71.90 - 4:36.11					

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Marks that would have made a record, considering the present table, but obviously can not be in anyway considered as records or best marks (although in some chronologies these marks are included in the main list -in my opinion- they should appear on the side, as an extra information).

<b>1912T</b>	<b>1985T</b>							
(7462.790	5969	Waldemar Wickholm	FIN	Malmö	(in three days)	7/9	7	1914)
		11.5 - 6.43 - 11.29 - 1.74 - 51.9 - 16.0 - 32.54 - 2.90 - 43.63 - 4:41.3						
(7853.65	6075	Bertil Ohlson	SWE	Stockholm		3/4	7	1920)
		11.8 - 6.72 - 11.65 - 1.78 - 54.0 - 17.1 - 39.23 - 3.30 - 43.21 - 4:37.3						
<b>1920T</b>	<b>1985T</b>							
(7226.905	6148	Gustaf Strandberg	FIN	Göteborg		7/8	7	1923)
		11.7 - 6.66 - 11.27 - 1.70 - 53.0 - 16.2 - 33.03 - 3.30 - 54.51 - 4:41.0						
(7931.500	6645	Akilles Järvinen	FIN	Amsterdam		3/4	8	1928)
		11.2 - 6.87 - 13.64 - 1.75 - 51.4 - 15.6 - 36.95 - 3.30 - 55.58 - 4:52.4						
<b>1962T</b>	<b>1985T</b>							
(8480	8534	Siegfried Stark	GDR	Halle		3/4	5	1980)
		11.10w - 7.64 - 15.81 - 2.03 - 49.53 - 14.86w - 47.20 - 5.00 - 68.70 - 4:27.7a						

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An athlete that, in the last event, passes through the line before the decathlon winner and gets a score better than the previous record.

**1912T 1985T**  
(7347.855 5768

Gösta Holmér SWE Stockholm (in three days) 13-15 7 1912)  
11.4 - 5.98 - 10.98 - 1.70 - 53.2 - 17.0 - 31.78 - 3.20 - 46.28 - 4:41.9

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We should bear in mind that in some cases (when using any table different from the present one) there are marks which would have been records too. Just an example:

**1920T 1934T 1952T 1962T 1985T**  
(8435.36 7449 6680 7003 6828 Hans-Heinrich Sievert GER Köln 12/13 8 1933)  
11.2 - 6.78 - 15.31 - 1.85 - 53.8 - 15.8 - 45.75 - 3.30 - 58.32 - 5.06.0

Note: The previous record (8460.620 same athlete, Hamburg july 1933) re-scored with 1985T was higher (6833), but with the other tables the total of points was lower: 7432 (1934T), 6635 (1952T), 6999 (1962T).

## 20km Marcha / Walk Ruta/Road

Despite the inclusion of the 20k road distance as an Olympic event from 1956 onwards, marks for the 20k road walk were not accepted as records until 1.1.2004. Not include track events.

2:07:04	WB	Franz	Stage	GER	Berlin	9 12 1894
1:56:50	WB	Johannes	Böge	GER	Berlin	16 5 1895
1:54:22	WB	Fritz	Preiss	GER	Nürnberg	18 11 1906
1:42:25	WB	Ernst	Seiffert	GER	Kiel	28 6 1908
1:38:43	WB	Hermann	Müller	GER	Berlin	4 10 1911
1:37:06	WB	Hermann	Müller	GER	Aschaffenburg	?? 6 1922
1:37:05	WB	Karl	Hähnel	GER	Bochum	21 6 1925
1:34:15	WB	Václav	Balšán	TCH	Český Brod	13 8 1933
1:33:25	WB	Fritz	Bleiweiss	GER	Fürstenwalde	7 6 1936
1:32:12	WB	John	Mikaelsson	SWE	Malmö	30 5 1937
1:31:44	WB	John	Mikaelsson	SWE	Stockholm	16 6 1946
1:31:21	WB	Josef	Doležal	TCH	Praha	5 6 1955
1:30:36	WB	Vladimir	Golubnichiy	URS	Kiev	23 9 1955
1:30:00	WB	Josef	Doležal	TCH	Praha	25 7 1956
1:28:39	WB	Vladimir	Guk	URS	Kiev	13 4 1957
1:27:29	WB	Leonid	Spirin	URS	Moskva	7 7 1957
1:27:04	WB	Vladimir	Golubnichiy	URS	Moskva	5 7 1959
1:25:58	WB	Anatoliy	Vedyakov	URS	Moskva	6 9 1959
1:25:22	WB	Gennadiy	Agapov	URS	Leningrad	21 7 1968
1:25:19	WB	Gennadiy	Agapov	URS	Berlin/Elstal	7 5 1972
1:24:50	WB	Paul	Nihill	GBR	Douglas	30 7 1972
1:23:53	EB	Viktor	Semenov	URS	Kiev	11 6 1976
1:23:30	WB	Anatoliy	Solomin	URS	Vilnius	19 7 1978
1:23:12	WB	Ronald	Wieser	GDR	Praha	30 8 1978
1:22:19	WB	Vadim	Tsvetkov	URS	Klaipeda	13 5 1979
1:21:39	EB	Hartwig	Gauder	GDR	Vretstorp	9 6 1979
1:21:01	WB	Reima	Salonen	FIN	Raisio	9 9 1979
1:19:53	EB	Yevgeniy	Yevsyukov	URS	Cherkassy	27 4 1980
1:19:49	EB	Josef	Pribilinec	TCH	Hospitalet	17 4 1983
1:19:30	WB	Josef	Pribilinec	TCH	Bergen	24 9 1983



1:19:12	WB	Axel	Noack	GDR	Karl-Marx-Stadt	21	6	1987
1:19:08	WB	Mikhail	Shchennikov	URS	Kiev	30	7	1988
1:18:54	WB	Yevgeniy	Misyulya	URS	Sochi	19	2	1989
1:18:20	WB	Andrey	Perlov	URS	Moskva	26	5	1990
1:18:13	WB	Pavol	Blažek	TCH	Hildesheim	16	9	1990
1:18:07	EB	Roman	Rasskazov	RUS	Adler	20	2	2000
1:17:46	WB	Roman	Rasskazov	RUS	Moskva	19	5	2000
1:17:22	WB	Francisco Javier	Fernández	ESP	Turku	28	4	2002
1:17:16	WR	Vladimir	Kanaykin	RUS	Saransk	29	9	2007
1:17:02	WR	Yohann	Diniz	FRA	Arles	8	3	2015

Mark not ratified as world record

1:16:43	WB	Sergey	Morozov	RUS	Saransk	8	6	2008
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Supplement: - Probably short course

1:29:07		Josef	Doležal	CZE	Straz pod Ralskem	5	9	1954
1:23:30		Peter	Frenkel	GDR	Banska Bystrica	10	8	1974
1:22:32		Viktor	Semenov	URS	Styelkevo	25	3	1979

Supplement - doubtful mark

1:37:57p		Emile	Anthoine	FRA	Paris/Longchamp	13	7	1913
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p = professional at the time of performance - not eligible for record purposes made during 50k race event -42247-, unofficial record attack, unknown conditions

1:19:46		Boris	Yakovlev	URS	Eschborn	29	9	1979
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The top-5 became the fastest 5 in the history of the event, giving rise to speculation that the course was probably short. The organizers and German experts who witnessed the race consider it was completely fair and performances should be accepted and distance is correct, but that video and pictures evidence show that the style was doubtful.

## 50km Marcha / Walk Ruta/Road

The 50 kilometres walk has a more illustrious Olympic history than the 20k, having taken place initially in 1932, but, as in the 20k event, marks for the 50k road walk were not accepted as records until 1.1.2004. The progression is as follows:

5:48:39	WB	Franz	Stage	GER	Berlin	17	3	1895
5:40:25	WB	Christian	Hansen	DEN	København	16	5	1896
5:35:07	WB	Peter	Holm	DEN	København	25	7	1897
5:33:54	WB	Christian	Christensen	DEN	København	8	8	1897
5:30:26	WB	Christian	Christensen	DEN	København	15	8	1897
5:28:01	WB	Peter	Holm	DEN	København	12	9	1897
5:27:30	WB	Moritz	Rasmussen	DEN	København	10	10	1897
5:20:38	WB	Ernst	Förster	GER	Berlin	14	11	1897
5:14:05	WB	Thor	Cederstrand	DEN	København	15	5	1904
5:13:53	WB	Richard	Wilhelm	GER	Frankfurt/Main	1	7	1906
5:09:59	WB	Hermann	Müller	GER	Berlin	24	5	1908
5:02:41	WB	Carl	Brockmann	GER	Berlin	15	8	1909
4:57:40	WB	Wilhelm	Schmidt	GER	Nürnberg	16	10	1910
4:56:54	WB	Rudolf	Heiduck	GER	Hamburg	4	6	1911
4:54:08	WB	Fritz	Schmarbach	GER	Düsseldorf	16	10	1911
4:40:15	WB	Hermann	Müller	GER	München	7	9	1921
4:36:22	WB	Karl	Hähnel	GER	Berlin	20	9	1924

4:34:03	WB	Paul	Sievert	GER	München	5	10	1924
4:30:22	WB	Romano	Vecchiatti	ITA	Roma	16	9	1928
4:26:41	WB	Edgar	Bruun	NOR	Oslo	28	6	1936
4:24:47	WB	Viggo	Ingvorsen	DEN	Odense	17	8	1941
4:23:40	WB	Josef	Doležal	TCH	Poděbrady	4	8	1946
4:23:14	WB	Josef	Doležal	TCH	Poděbrady	24	8	1952
4:20:30	WB	Vladimir	Ukhov	URS	Leningrad	29	8	1952
4:16:06	WB	Josef	Doležal	TCH	Poděbrady	12	9	1954
4:07:29	WB	Anatoliy	Yegorov	URS	Tbilisi	17	11	1955
4:05:13	WB	Grigoriy	Klimov	URS	Moskva	10	8	1956
4:03:53	WB	Anatoliy	Vedyakov	URS	Moskva	13	8	1959
4:01:39	WB	Grigoriy	Klimov	URS	Leningrad	17	8	1961
4:00:50	WB	Mikhail	Lavrov	URS	Kazan	5	9	1961
3:55:36	WB	Gennadiy	Agapov	URS	Alma-Ata	17	10	1965
3:52:45	WB	Bernd	Kannenberg	FRG	Bremen	27	5	1972
3:51:39	EB	Reima	Salonen	FIN	Turku	17	6	1978
3:50:03	EB	Jorge	Llopart	ESP	Reus	25	3	1979
3:46:25	EB	Viktor	Dorovskikh	URS	Moskva	27	7	1979
3:44:33	EB	Jorge	Llopart	ESP	Reus	26	8	1979
3:43:35	EB	José	Marín	ESP	Barcelona	9	3	1980
3:40:46	WB	José	Marín	ESP	Valencia	13	3	1983
3:38:31	WB	Ronald	Weigel	GDR	Ost Berlin	20	7	1984
3:38:17	WB	Ronald	Weigel	GDR	Potsdam	25	5	1986
3:37:41	WB	Andrey	Perlov	URS	Leningrad	5	8	1989
3:37:26	WB	Valeriy	Spitsyn	RUS	Moskva	21	5	2000
3:36:39	WB	Robert	Korzeniowski	POL	München	08	8	2002
World Record - ratified by IAAF								
3:36:03	WR	Robert	Korzeniowski	POL	Saint-Denis	27	8	2003
3:34:14	WR	Denis	Nizhegorodov	RUS	Cheboksary	11	5	2008
3:32:33	WR	Yohann	Diniz	FRA	Zürich	15	8	2014
Mark not ratified as world record (no best performance) "no doping test"								
3:35:29		Denis	Nizhegorodov	RUS	Cheboksary	13	6	2004
Supplement: - doubtful marks								
4:30:34		Emile	Anthoine	FRA	Paris/Longchamp	6	7	1913
4:22:47		Emile	Anthoine	FRA	Paris/Longchamp	13	7	1913
professional athlete - unofficial record attack, unknown conditions								
4:15:58		Edgar	Bruun	NOR	Oslo	4	7	1937
This performance was unknown for a long time. The distance looks correct, but it has been dropped in the recent compilations								
Supplement: - Short course								
4:26:29		Karl	Hähnel	GER	Berlin	2	10	1932
4:03:02		Abdon	Pamich	ITA	Ponte San Pietro	16	10	1960



3:37:36	Yevgeniy	Ivchenko	URS	Moskva	23	5	1980
3:37:36	Boris	Yakovlev	URS	Moskva	23	5	1980
3:33:22	Valeriy	Spitsyn	RUS	Moskva	23	4	1992

## SUPLEMENTO / SUPPLEMENT

### A) Eligibility/Ineligibility:

a-1) McDonald Bailey (TRI until 1947, GBR since 1948) (ER: 10.3 GER 1932)  
 100m 10.3 Göteborg 28.8.1946 - 10.3 Antwerpen 29.6.1947 (not eligible, not included in list).  
 Note: His other perfs. of 100m (see in list: 10.3/1950 & 10.2/1951) & 200m (see in list: 7 perfs. until 21.1y-21.0 since 20.9/1950-1952 & aut.tim.21.27 & 21.14 in 1952) are all eligible.

a-2) Abdoulaye Seye (SEN until 1959, FRA in 1960). (ER: 10.2 GBR 1951) Five years of residence were necessary.  
 100m 10.2 Paris (Ch) 4.7.1959 (not eligible, not included in list).  
 Note: His perfs. of 1960 are eligible (see in list: 200m 20.4 Ov., 200m aut.tim. 20.99 & 20.95, 400m aut.tim. 45.88).

### B) Performances first accepted as ER, but subsequently annuled (because of several reasons):

b-1) Due to error in classification & time:  
 800m 1:52.2 Hanns Braun GER Stokholm 8.7.1912 (W & E best in 1909: ITA 1:52.4/5y).  
 Note: Official version (final Olympic Games) Braun GER 4th ..... Brock CAN 6th. (but the more correct result was: 4th Brock & 6th Braun with 1:53.1 or 1:53.2 in other sources).

b-2) Due to drug abuse (retroactive):  
 100m 9.87 2.0 Dwain Chambers GBR Paris (Ch) 14.9.2002 (ER: 9.87 GBR 1993).

### C) Performances mistakenly accepted as ER (due to error in the conversion of automatic timing):

400m 44.9 Martin Jellinghaus FRG Ciudad de México (O.G. sf2) 17.10.1968  
 Note 1: True time 45.06 (IAAF adjustment 0.05, corrected time 45.01, erroneous rounded in 44.9, true time 45.0) (ER: GER 44.9 - 1960).  
 Note 2: 45.06 included in automatic timing list (but 44.9 not included in decimal list).

### D) Performances cited in some chronologies but not included in my own list:

100m  
 10.4/5 Emile Lesieur FRA St.Cloud 6.5.1906 (very doubtful). Info: José Guilloto.  
 10.4 Helmut Körnig GER Budapest 28.7.1929 (probably wind assisted) (IAAF: wind details are not known).  
 10.4 Helmut Körnig GER Berlin 29.6.1930 (wind assisted & unsanctioned meeting).  
 10.4 Helmut Körnig GER Berlin 13.7.1930 (IAAF: lighth following wind).  
 9.9 Vitaliy Savin URS Alma-Ata 29.5.1989 (without wind info).  
 (equalled performances in all cases)

200m  
 21.1 Christiaan Berger NED Amsterdam 15.6.1930 (I accept the 21.0 H.Körnig 1928 in Bochum, 426m track, as a full turn).

800m  
 1:53.4 Albert Hill GBR Antwerpen 17.8.1920 (if 1:52.8y E.Lunghi of 1909 was WB, I think that 1:53.4 in 1920 is not acceptable as EB).

Marathon  
 2:14:14 Antti Viskari FIN Boston 19.4.1956 (short distance, 25 miles & 938 yards = 41.091 mts.).  
 2:12:39 Ron Hill GBR Manchester 13.6.1971 (there are better legal perfs. made previously).

110m H  
 13.0 Stéphane Caristan FRA Créteil 3.5.1986 (without anemometer, in ATHLERAMA: conditions régulières).  
 13.0 Vladimir Shiskhin URS Staiki 7.5.1988 (without anemometer, probably wind assisted).  
 (in both cases ER: 13.0 FRA 1975)

#### 400m Hurdles

54.2y David Burghley GBR London 2.7.1927 (the WR 400m was 53.8 S.Pettersson 1925 & the equivalence of 54.2 in 440y is 53.9 in 400m).

#### 3000m st:

9.33.6 Ville Ritola FIN Colombes (O.I.G.Paris) 9.7.1924 (there is a better mark made previously: 9.33.2/5 P.Bontemps FRA Paris (P) 9.6.1924).  
Note: This mark -9.33.2/5- achieved in the Pershing stadium (Paris) did include a water jump (info: José Guilloto).

8:18.4 Michael Karst FRG Helsinki 26.6.74 (in some sources the time was 8:18.5-8:18.50 & the ER was 8:18.4-8:18.39 SWE 1973).

#### HJ

1.969 / 6-5-1/2 Con O'Connor IRL Abbeyleix 22.8.1926 (doubtful conditions).

1.956 / 6-5 Geoffrey Turner GBR Widmes 20.7.1929 (not qualified officials).

(in both cases EB: 1.956 / 6-5 IRL 1913)

#### PV

Charles Hoff NOR (4.28 Trondheim 6.10.1929 & 4.32 Hønefoss 27.9.1931). Both marks: professional exhibition.

(WR: 4.30 USA 1928 - ER: 4.25 NOR 1925)

#### LJ

7.84 (att.3) & 7.87 (att.5) Luz Long GER Berlin 4.8.1936 (wind assisted). (ER: 7.82 GER 1936)

#### SP

14.56 Elmer Niklander FIN Porvoo 1.6.1913 (EB: 14.71 same athlete, better perf. made previously in O.G.1912).

#### HT

57.20 Karl Hein GER Dortmund 7.8.1938 & also 57.20 Erwin Blask GER Berlin 13.8.1938 (57.22 K.Hein, better legal perf. made previously).

#### 4x100m

41.0 SG Entracht Frankfurt GER Frankfurt/Main 17.6.1928 (Geerling, Wichmann, Metzger, Eldracher). Only WB for clubs (WB for Nations was 40.8).

#### 4x400m

3:00.50 GER Athína 11.9.1982 (Skarmrahl, Schmid, Giessing, Weber). The perf. of GBR in O.G.1972 (3:00.5a) was the true ER 3:00.46 (from 1.1.1981 the times were accepted as the official records in hundredths). Consequently 3.00.50 (first version 3:00.51) is not ER.

#### E) Other performances not included due to several reasons:

##### 100m

10.0 0.2 Armin Hary GER Friedrichshafen 6.9.1958 (favourable slope of 11 cm, permissible 10 cm limit) WR: 10.1 1956, ER: 10.2 1951.

10.0 (aut.10.16) 0.6 Armin Hary GER Zurich 21.6.1960 (race 1, rolling start) (WR: 10.1 USA 1956 - ER: 10.2 GBR 1951).

Note: In race 2 Hary 10.0 WR (aut.10.25).

##### 400m

50.1/5y Reginald Macauley GBR London (LB) 7.4.1881 (winner in the Oxford-Cambridge match). (EB: 50.2/5y GBR 1868).

NOTE: Time cited by Hamacher, Leconte & Athletics 1901. However, according to Peter Lovesey, the time in various newspapers was 50.2/5, 50.3/5 (in his opinion this is the most likely) or 50.4/5.

49.1/5y William Phillips GBR Birmingham 16.7.1881 (downhill track) (EB: 50.2/5y GBR 1868).

NOTE: There were other marks made in Cambridge (Fenners, downhill track) in 1865/1871. The best one was:

49.3/4y Robert Philpot GBR 7.3.1871.

##### 110mH (all downhill track)

16.0y George Lawrence GBR Birmingham 16.7.1881 (WB: 16.0y GBR 1865).

16.0y Godfrey Shaw GBR Cambridge (F) 13.6.1895 (EB: 16.0y GBR 1865).

15.4/5y Kenneth Powell GBR Cambridge (F) 4.3.1907 (EB: 15.4/5y GBR 1895).

14.8y David Burghley GBR Cambridge (F) 11.6.1927 (EB: 14.9 SWE 1924).

##### 3000m Steeple

In the final of the Los Angeles O.G. (6.8.1932) Volmari Iso-Hollo FIN won with 10.33.4 (one extra lap, actual distance 3460 metres). Estimated time in 3000m, rounded in sec.: 9.08.4 unofficial time. (WB: 9.14.6 USA 1932).

#### DT

68.58 Ricky Bruch SWE Malmö 10.9.1972 (only one competitor) (WR/ER: 68.40 USA 1968 & SWE 1972).

HT

51.71 (169-8) Tom Nicolson GBR Glasgow 7.8.1904 (9 foot/2.74m circle) (EB: 51.61 / 169-4 IRL 1900).

58.13 Erwin Blask GER Berlin 7.8.1938 (twice, the circle was only superimposed on the surface and countersunk) (WB: 57.22 GER 1937).

JT

68.55 Jonni Myyrä FIN Richmond 27.9.1925 (meeting unsanctioned by the AAU) (WB: 67.31 one week before).

94.74 Jan Železný TCH Oslo 4.7.1992 (irregular implement) (WR: 91.46 January 1972).

## MUJERES / WOMEN

### 100m

Note: Includes alternative progression without Stanislaw Walasiewicz\*\* marks.

17.4	WB	Aino	Rannanpaa	FIN	Helsinki	16	5	1902
16.5	WB	Ida	Sjöberg	FIN	Längelmäki	13	7	1902
16.2	WB	Hanna	Malm	FIN	Helsinki	1	6	1903
15.5	WB	Tilda	Lehtinen	FIN	Tampere	6	9	1903
15.0	WB	Ida	Mikkola	FIN	Forssa	14	8	1904
14.8	WB	Tilda	Lehtinen	FIN	Tampere	14	8	1904
14.1	WB	Hulda	Idman	FIN	Tampere	...	..	1908
13.9	WB	Eufrosyne	Simola	FIN	Lieto	23	8	1908
13.8	WB	Eufrosyne	Simola	FIN	Turku	23	7	1911
13.5	WB	Eufrosyne	Simola	FIN	Turku	...	..	1911
13.1	WB	Nina	Popova	RUS	Kiev	22	8	1913
12.8	WB	Marie	Kiessling	GER	Frankfurt/Main	3	8	1919
12.8	WB	Marie	Kiessling	GER	Hamburg (wind?)	21	8	1921
FSFI								
13.3/5	WR	Marie	Mejzliková II	TCH	Praha	5	8	1922
12.4/5	WR	Mary	Lines	GBR	Paris (P) (first leg in 4x110y relay)	20	8	1922
12.4/5	WB	Marie	Mejzliková II	TCH	Praha	13	5	1923
12.8	WB	Emmy	Haux	GER	Heddersheim	15	7	1923
12.8	WB	Lotte	Stein	GER	Iserlohn	12	8	1923
12.6	WB	Thea	Schildmann	GER	Essen	29	6	1924
12.6	WB	Leni	Schmidt	GER	Bremen	13	7	1924
			(mark not included in IAAF WR/WB progression)					
12.5	WB	Anni	Holdmann	GER	Hameln	21	6	1925
			(mark not included in IAAF WR/WB progression, because cited other previous & better mark -12.4 Wilma Dittmar 27.5.1925 Frankfurt Main- not listed in other sources). Also is cited other date (25.7 & 28.7) in German sources.					
12.4	WB	Leni	Schmidt	GER	Leipzig	30	8	1925
12.2	WB	Leni	Junker	GER	Wiesbaden	13	9	1925
12.4	WR	Gundel	Wittmann	GER	Braunschweig (12.3)	22	8	1926
12.2	WB	Leni	Junker	GER	Hannover	29	8	1926
			(mark included -as WB- in IAAF progression, but according to Vol.IV ATFS: one watch only)					
12.2	WB	Leni	Junker	GER	Berlin	14	8	1927
			(mark not included in IAAF WR/WB progression)					
12.1	EB	Leni	Junker	GER	Leipzig	17	6	1928
12.1	EB	Lisa	Gelius	GER	Mannheim	30	6	1929
12.0	WR	Tollien	Schuurman	NED	Amsterdam	31	8	1930



12.0		WB	Leni	Thymm-Junker	GER	Magdeburg (h6)	1	8	1931
12.0		WB	Leni	Thymm-Junker	GER	Magdeburg (sf1)	1	8	1931
12.0		WB	Leni	Thymm-Junker	GER	Magdeburg (f)	1	8	1931
11.9		WR	Tollien	Schuurman	NED	Haarlem (light back wind, allowable)	5	6	1932
11.9		WB	Tollien	Schuurman	NED	Amsterdam	12	6	1932
11.9		WB	Stanisława	Walasiewicz *	POL	Los Angeles (h2)	1	8	1932
11.9		WR	Stanisława	Walasiewicz *	POL	Los Angeles (sf2)	1	8	1932
11.9		WB	Stanisława	Walasiewicz *	POL	Los Angeles (f)	2	8	1932
11.9		WB	Stanisława	Walasiewicz *	POL	Chicago	18	8	1932
11.9		WB	Tollien	Schuurman	NED	Amsterdam	16	7	1933
11.9		WB	Tollien	Schuurman	NED	Deventer	23	7	1933
11.9		WB	Tollien	Schuurman	NED	Bruxelles	13	8	1933
11.9		WB	Tollien	Schuurman	NED	Groningen	3	9	1933
11.8		WB	Stanisława	Walasiewicz *	POL	Warszawa	4	9	1933
11.8		WR	Stanisława	Walasiewicz *	POL	Poznań	17	9	1933
11.9		WB	Tollien	Schuurman	NED	Hilversum	1	7	1934
11.9		WB	Käthe	Krauss	GER	London (WC)	11	8	1934
11.8		WB	Stanisława	Walasiewicz *	POL	Poznań	19	8	1934
IAAF									
11.7		WR	Stanisława	Walasiewicz *	POL	Warszawa (vs men)	26	8	1934
11.7		WB	Stanisława	Walasiewicz *	POL	Tokyo	28	10	1934
11.7		EB	Stanisława	Walasiewicz *	POL	Warszawa (vs men) (IAAF vers.: 11.6)	4	8	1935
11.8		EB	Käthe	Krauss	GER	Berlin	4	8	1935
11.8		EB	Marie	Dollinger	GER	Berlin	4	8	1935
11.7		EB	Stanisława	Walasiewicz *	POL	Czeladz	14	9	1935
11.6		EB	Stanisława	Walasiewicz *	POL	Cleveland, OH	10	6	1936
11.6		EB	Stanisława	Walasiewicz *	POL	Czeladz	26	7	1936
11.8		EB	Käthe	Krauss	GER	Görlitz	30	8	1936
11.6		WR	Stanisława	Walasiewicz *	POL	Berlin	1	8	1937
11.7		EB	Fanny	Blankers-Koen	NED	Amsterdam	19	7	1942
11.7		EB	Fanny	Blankers-Koen	NED	Eindhoven	26	7	1942
11.6		EB	Fanny	Blankers-Koen	NED	Den Helder	8	8	1943
11.6		EB	Stanisława	Walasiewicz *	POL	Cleveland, OH	15	8	1943
11.5		WB	Fanny	Blankers-Koen	NED	Amsterdam (vs men)	5	9	1943
11.5		WR	Fanny	Blankers-Koen	NED	Amsterdam	13	6	1948
11.5		WB	Fanny	Blankers-Koen	NED	Frechen	28	9	1952
11.5	+1.4	EB	Vera	Neszmelyi	HUN	Warszawa	4	8	1955
11.5		EB	Maria	Itkina	URS	Nalchik	2	5	1956
11.5		ER	Gisela	Köhler	GDR	Ost Berlin	30	6	1956
11.5		ER	Bertha "Puck"	van Duyne-Brouwer	NED	Frechen	29	7	1956
11.5		EB	Galina	Popova	URS	Moskva	10	8	1956
11.5	+0.6	ER	Christa	Stubnick	GDR	Dresden	30	9	1956
11.5		EB	Galina	Popova	URS	Tashkent (h)	13	10	1956
11.5		EB	Galina	Popova	URS	Tashkent (sf)	13	10	1956
11.5		EB	Galina	Popova	URS	Tashkent (f)	13	10	1956
11.4	+0.9	ER	Giuseppina	Leone	ITA	Bologna	21	10	1956
11.4		ER	Vera	Krepkina	URS	Moskva	1	9	1958
11.3	+1.4	WR	Vera	Krepkina	URS	Kiev	13	9	1958
11.3	0.0	ER	Dorothy	Hyman	GBR	Budapest	2	10	1963
11.3		EB	Dorothy	Hyman	GBR	Budapest	3	10	1963
11.1	+2.0	WR	Irena	Kirszenstein	POL	Praha	9	7	1965
11.1	0.0	WR	Lyudmila	Samotyosova	URS	Leninakan	15	8	1968
11.1 a	+1.2	EB	Irena	Szewińska-Kirszenstein	POL	Ciudad de México (11.19)	15	10	1968

11.0	+0.6	WR	Renate	Meissner	GDR	Ost Berlin	2	8	1970
11.0	+1.7	WR	Renate	Stecher-Meissner	GDR	Ost Berlin	31	7	1971
11.0	-1.5	WR	Renate	Stecher	GDR	Potsdam	3	6	1972
11.0	+1.9	WR	Ellen	Stropahl	GDR	Potsdam	15	6	1972
11.0	+1.4	WR	Eva	Glesková	TCH	Budapest	1	7	1972
11.0	-2.0	WB	Renate	Stecher	GDR	Potsdam	19	8	1972
10.9	+1.9	WR	Renate	Stecher	GDR	Ostrava	7	6	1973
10.9	+0.1	WB	Renate	Stecher	GDR	Leipzig	30	6	1973
10.9	+1.2	WB	Renate	Stecher	GDR	Dresden (sf1)	20	7	1973
10.8	+1.8	WR	Renate	Stecher	GDR	Dresden (f) (11.07)	20	7	1973
10.8	-0.1	WB	Annegret	Richter	FRG	Gelsenkirchen	27	6	1976
10.6	+2.0	WB	Marlies	Oelsner	GDR	Dresden (10.88)	1	7	1977
10.6	+0.1	EB	Zhanna	Pintusevich	UKR	Kyiv	12	6	1997
Automatic timing (3 times -11.19, 11.07 & 10.88- already cited –in tenths & in hundredths in brackets- in previous list)									
12.43		EB	Tsvetana	Berkovska	BUL	Helsinki (h1)	21	7	1952
12.25		EB	Irina	Turova	URS	Helsinki (h3)	21	7	1952
12.18		EB	Fanny	Blankers-Koen	NED	Helsinki (h11)	21	7	1952
12.17		EB	Nadezhda	Khnykina	URS	Helsinki (sf1)	22	7	1952
12.00	+1.3	EB	Giuseppina	Leone	ITA	Melbourne (h1)	24	11	1956
11.94	-1.2	EB	Anne	Pashley	GBR	Melbourne (h3)	24	11	1956
11.89	-4.0	EB	Christa	Stubnick-Seliger	GER	Melbourne (h6)	24	11	1956
11.87	0.0	EB	Heather	Armitage	GBR	Melbourne (sf2)	24	11	1956
11.87		EB	Giuseppina	Leone	ITA	Roma (h1)	1	9	1960
11.83		EB	Maria	Itkina	URS	Roma (h3)	1	9	1960
11.77		EB	Dorothy	Hyman	GBR	Roma (qf4)	1	9	1960
11.71	+0.8	EB	Giuseppina	Leone	ITA	Roma (sf1) (IAAF-ITA version: 11.70)	2	9	1960
11.65	+0.6	EB	Dorothy	Hyman	GBR	Roma (sf2)	2	9	1960
11.64	+0.5	EB	Dorothy	Hyman	GBR	Tokyo (h4)	15	10	1964
11.54	+0.3	EB	Dorothy	Hyman	GBR	Tokyo (qf1)	15	10	1964
11.54	+0.3	EB	Galina	Popova	URS	Tokyo (qf1)	15	10	1964
11.52	0.0	EB	Valerie	Peat	GBR	Ciudad de México (h1)	14	10	1968
11.32	0.0	EB	Irena	Szewińska-Kirszenstein	POL	Ciudad de México (h4)	14	10	1968
11.29	+0.6	EB	Eva	Glesková	TCH	Ciudad de México (qf1)	14	10	1968
11.20	+1.8	EB	Irena	Szewińska	POL	Ciudad de México (qf4)	14	10	1968
11.19	+1.2	EB	Irena	Szewińska	POL	Ciudad de México (f)	15	10	1968
11.18	-0.3	EB	Renate	Stecher	GDR	München (sf1)	2	9	1972
11.07	-0.2	WR	Renate	Stecher	GDR	München (f)	2	9	1972
11.07	+1.8	WB	Renate	Stecher	GDR	Dresden	20	7	1973
11.04	+0.6	WR	Inge	Helten	FRG	Fürth	13	6	1976
11.01	+0.6	WR	Annegret	Richter	FRG	Montréal	25	7	1976
10.88	+2.0	WR	Marlies	Oelsner	GDR	Dresden	1	7	1977
10.88	+1.9	WR	Marlies	Göhr-Oelsner	GDR	Karl-Marx-Stadt	9	7	1982
10.81	+1.7	WR	Marlies	Göhr	GDR	Ost Berlin	8	6	1983
10.77	+0.9	ER	Irina	Privalova	RUS	Lausanne	6	7	1994
10.73	+2.0	ER	Christine	Arron	FRA	Budapest	19	8	1998

## 200m (turn)

Note 1: y = 220 yards (201.17 metres).

Note 2: Ov. = Oversized track.

Note 3: Includes alternative progression without Stanisława Walasiewicz\*\* marks.

30.3		WB	Eufrosyne	Simola	FIN	Turku		7	6	1908
29.7		WB	Lisie	Nyström	FIN	Turku		28	9	1913
29.6		WB	Hilde	Lahr	AUT	Wien		5	6	1920
28.7		WB	.....	Grossmann	GER	Berlin		22	5	1921
FSFI										
28.3/5	Ov.	WB	Marie	Mejzliková I	TCH	Paris (P) (500m track)		21	5	1922
27.4/5+	Ov.	WR	Alice	Cast	GBR	Paris (P) (500m track)		20	8	1922
27.0y		WB	Mary	Lines	GBR	London (Pa)		20	9	1922
26.4/5y		WR	Mary	Lines	GBR	Waddon		23	9	1922
26.4/5y		WB	Gladys	Elliott	GBR	Nottingham (h) (IAAF version day: 24)		23	5	1924
26.2/5		WB	Gladys	Elliott	GBR	Nottingham (f)		23	5	1924
Note: This mark (f) is not included in IAAF WR/WB progression (reported by E.Cowe in 1999)										
26.1/5y		WR	Eileen	Edwards	GBR	London (SB)		20	8	1924
26.1		WB	Eileen	Edwards	GBR	Stockholm		31	8	1926
25.4/5y		WB	Eileen	Edwards	GBR	Romford		18	9	1926
26.0	Ov.	WR	Eileen	Edwards	GBR	Paris (P) (500m track)		3	10	1926
25.4		WR	Eileen	Edwards	GBR	Berlin (25.3)		12	6	1927
25.2/5y		WB	Ivy	Walker	GBR	London (SB)		16	6	1930
25.4y		WB	Stanisława	Walasiewicz *	POL	Dallas, TX		4	7	1930
25.1/5y		WB	Nellie	Halstead	GBR	London (SB)		16	8	1930
25.2		EB	Marie	Dollinger	GER	Magdeburg		2	8	1931
25.2		EB	Nellie	Halstead	GBR	Hannover		23	8	1931
25.2		EB	Marie	Dollinger	GER	Ansbach		28	6	1932
24.6		WR	Tollien	Schuurman	NED	Bruxelles		13	8	1933
24.6		WB	Käthe	Krauss	GER	Berlin		1	7	1934
24.6		WB	Käthe	Krauss	GER	Nürnberg		28	7	1934
24.5		WB	Stanisława	Walasiewicz *	POL	Warszawa		4	8	1934
24.5		WB	Stanisława	Walasiewicz *	POL	Poznań		19	8	1934
24.5		WB	Stanisława	Walasiewicz *	POL	Warszawa		26	8	1934
(mark not included in IAAF WR/WB progression)										
IAAF										
24.3y		WR	Stanisława	Walasiewicz *	POL	Cleveland, OH		9	6	1935
23.6		WR	Stanisława	Walasiewicz *	POL	Warszawa (vs men)		4	8	1935
24.2		EB	Stanisława	Walasiewicz *	POL	Wuppertal		19	8	1936
24.1y		WB	Stanisława	Walasiewicz *	POL	Cleveland, OH		12	6	1938
24.0y		WB	Stanisława	Walasiewicz *	POL	Cleveland, OH		18	6	1938
24.6		EB	Fanny	Koen	NED	Rotterdam		10	7	1938
23.8		WB	Stanisława	Walasiewicz *	POL	Wien		18	9	1938
24.4		EB	Käthe	Krauss	GER	Wien		18	9	1938
23.9y		WB	Stanisława	Walasiewicz *	POL	Cleveland, OH		18	6	1939
24.2		EB	Fanny	Blankers-Koen	NED	Lyon		25	4	1948
24.2		EB	Fanny	Blankers-Koen	NED	Eindhoven		10	7	1948
24.2y		WR	Fanny	Blankers-Koen	NED	Brescia		29	6	1950
24.1		WB	Fanny	Blankers-Koen	NED	Rotterdam		22	7	1950
(mark not included in IAAF WR/WB progression)										
24.0	-0.6	WB	Fanny	Blankers-Koen	NED	Bruxelles		27	8	1950



23.9		EB	Fanny	Blankers-Koen	NED	Antwerpen	13	9	1952
23.8	Ov.	EB	Maria	Itkina	URS	Budapest (450m track) (h1)	6	8	1954
23.6	Ov.	ER	Christa	Stubnick	GDR	Budapest (450m track) (f)	7	8	1954
23.7		EB	Zinaida	Safronova	URS	Moskva	10	7	1955
23.5+		ER	Maria	Itkina	URS	Kiev (220y WR 23.6)	22	7	1956
23.5		ER	Christa	Stubnick	GDR	Riesa	9	9	1956
23.4		ER	Maria	Itkina	URS	Tashkent	14	10	1956
23.4	Ov.	ER	Gisela	Birkemeyer	GDR	Erfurt (500m track)	7	8	1960
23.4		EB	Maria	Itkina	URS	Minsk	4	6	1961
23.4		EB	Maria	Itkina	URS	Riga	18	6	1961
23.4		EB	Maria	Itkina	URS	Moskva	16	7	1961
23.3	+2.0	EB	Jutta	Heine	FRG	Malmö	13	8	1962
23.2		ER	Dorothy	Hyman	GBR	Budapest	3	10	1963
23.1 a	+0.8	ER	Irena	Kirszenstein	POL	Tokyo (23.13)	19	10	1964
22.7	+0.8	WR	Irena	Kirszenstein	POL	Warszawa	8	8	1965
22.7		WB	Irena	Kirszenstein	POL	Chorzów (IAAF erroneous day: 1)	2	7	1967
22.5 a	+2.0	WR	Irena	Szewińska-Kirszenstein	POL	Ciudad de México (22.58)	18	10	1968
22.4 a	+1.1	WR	Renate	Stecher	GDR	München (22.40)	7	9	1972
22.4	-1.3	WB	Renate	Stecher	GDR	Leipzig	1	7	1973
22.1	+1.6	WR	Renate	Stecher	GDR	Dresden (22.38)	21	7	1973
22.0	+2.0	WB	Irena	Szewińska	POL	Potsdam (22.21)	13	6	1974
Automatic timing (5 times -23.13.....22.21- already cited -in tenths & in hundredths in brackets- in previous list)									
25.03		WB	Sylvia	Cheeseman	GBR	Helsinki (h1)	25	7	1952
24.47		WB	Nadezhda	Khnykina	URS	Helsinki (h2) (IAAF version: 24.48)	25	7	1952
24.41		EB	Bertha "Puck"	Brouwer	NED	Helsinki (sf1)	25	7	1952
24.16		EB	Nadezhda	Khnykina	URS	Helsinki (sf2)	25	7	1952
24.00		EB	June	Paul	GBR	Melbourne (h4)	29	11	1956
23.89		EB	Christa	Stubnick	GDR	Melbourne (f)	30	11	1956
23.82		EB	Dorothy	Hyman	GBR	Roma	3	9	1960
23.40	+1.8	EB	Dorothy	Hyman	GBR	London (WC)	18	8	1962
23.13	+0.8	EB	Irena	Kirszenstein	POL	Tokyo	19	10	1964
23.02	+1.7	EB	Nicole	Montandon	FRA	Ciudad de México (sf2)	17	10	1968
22.58	+2.0	WB	Irena	Szewińska-Kirszenstein	POL	Ciudad de México (f)	18	10	1968
22.40	+1.1	WB	Renate	Stecher	GDR	München	7	9	1972
22.38	+1.6	WB	Renate	Stecher	GDR	Dresden	21	7	1973
22.21	+2.0	WR	Irena	Szewińska	POL	Potsdam	13	6	1974
22.06	+1.3	WR	Marita	Koch	GDR	Erfurt	28	5	1978
22.02	-1.4	WR	Marita	Koch	GDR	Leipzig	3	6	1979
21.71	+0.7	WR	Marita	Koch	GDR	Karl-Marx-Stadt	10	6	1979
21.71	+0.3	WR	Marita	Koch	GDR	Potsdam	21	7	1984
21.71	+1.2	WR	Heike	Drechsler	GDR	Jena (IAAF version wind: +1.9)	29	6	1986
21.71	-0.8	WR	Heike	Drechsler	GDR	Stuttgart	29	8	1986
21.63	+0,2	ER	Dafne	Schippers	NED	Beijing	28	8	2015



## 400m

Note: y = 440 yards (402.34 metres).

79.0	WB	Hilda	Lahti	FIN	Tampere	9	3	1903
71.5	WB	Lydiaa	Malm	FIN	Maaria	5	9	1909
70.2	WB	A.	Ahtinen	FIN	.....	...	..	1911
67.1	WB	A.	Ahtinen	FIN	Lieto	...	9	1911
65.0	WB	Lidiya	Charushnikova	URS	Vyatka	12	7	1921
FSFI								
64.2/5y	WR	Mary	Lines	GBR	London (Pa)	17	7	1922
62.2/5y	WR	Mary	Lines	GBR	Bromley	18	8	1923
60.4/5y	WR	Eileen	Edwards	GBR	London (BP)	16	7	1924
60.4/5y	EB	Florence	Haynes	GBR	London (SB)	14	7	1928
60.3/5y	EB	Marion	King	GBR	London (SB) (h2)	13	7	1929
59.1/5y	WB	Marion	King	GBR	London (SB) (f)	13	7	1929
59.1/5y e	WB	Annie	Stone	GBR	London (SB) (f)	13	7	1929
58.4/5y	WB	Nellie	Halstead	GBR	London (SB)	11	7	1931
58.4/5y	WB	Nellie	Halstead	GBR	London (SB) (h1)	9	7	1932
56.4/5y	WB	Nellie	Halstead	GBR	London (SB) (f)	9	7	1932
IAAF								
56.7	WB	Zoya	Petrova	URS	Kiev	19	9	1950
56.0	WB	Zoya	Petrova	URS	Moskva	15	7	1951
56.0	WB	Valentina	Pomogayeva	URS	Minsk	29	8	1951
55.7	WB	Ursula	Jurewitz	GDR	Ost Berlin	25	6	1953
55.7	WB	Polina	Solopova	URS	Leipzig	12	6	1954
55.5	WB	Nina	Otkalenko	URS	Kiev	25	7	1954
55.0	WB	Ursula	Donath-Jurewitz	GDR	Budapest	6	8	1954
54.8	WB	Zinaida	Safronova	URS	Moskva	21	7	1955
54.4	WB	Ursula	Donath	GDR	Warszawa (IAAF erroneous day: 5)	6	8	1955
53.9	WB	Maria	Itkina	URS	Bucuresti	1	10	1955
55.2	WR	Polina	Lazareva-Solopova	URS	Moskva	10	5	1957
54.0	WR	Maria	Itkina	URS	Minsk	8	6	1957
53.6	WR	Maria	Itkina	URS	Moskva	6	7	1957
53.6	WB	Maria	Itkina	URS	Warszawa	14	6	1958
53.4+	WR	Maria	Itkina	URS	Krasnodar (440y 53.7 WR)	12	9	1959
53.4	WR	Maria	Itkina	URS	Beograd	14	9	1962
53.4	EB	Maria	Itkina	URS	Moskva	12	8	1963
53.2	EB	Maria	Itkina	URS	Kiev	6	9	1963
53.2 a	EB	Joy	Grievesson	GBR	London (WC) (53.16, IAAF 53.12)	14	9	1963
53.0	EB	Maria	Itkina	URS	Kiev	29	8	1964
52.7 a	EB	Ann	Packer	GBR	Tokyo (sf1/52.77)	16	10	1964
52.2 a	ER	Ann	Packer	GBR	Tokyo (f/52.20)	17	10	1964
52.0 a	ER	Colette	Besson	FRA	Ciudad de México (52.03)	16	10	1968
52.0 a	ER	Nicole	Duclos	FRA	Stuttgart	31	7	1969
51.7 a	WR	Nicole	Duclos	FRA	Pireás (Eur.Ch.Athína) (51.77)	18	9	1969
51.7 a	WR	Colette	Besson	FRA	Pireás (Eur.Ch.Athína) (51.79)	18	9	1969
51.7	ER	Monika	Zehrt	GDR	London (CP)	10	6	1972
51.1	ER	Monika	Zehrt	GDR	Erfurt	22	6	1972
51.1	EB	Monika	Zehrt	GDR	Erfurt	24	6	1972
51.0	WR	Monika	Zehrt	GDR	Colombes (51.08)	4	7	1972



49.9	WR	Irena	Szewińska	POL	Warszawa	22	6	1974
Automatic timing (6 times -53.16.....51.08- already cited -in tenths & in hundredths in brackets- in previous list)								
56.12	WB	Molly	Hiscox	GBR	London (WC)	27	9	1958
54.86	WB	Jean	Dunbar	GBR	London (WC)	20	9	1961
53.16	WB	Joy	Grieverson	GBR	London (WC) (IAAF version: 53.12)	14	9	1963
52.77	WB	Ann	Packer	GBR	Tokyo (sf1)	16	10	1964
52.20	EB	Ann	Packer	GBR	Tokyo (f)	17	10	1964
52.03	EB	Colette	Besson	FRA	Ciudad de México	16	10	1968
51.77	WB	Nicole	Duclos	FRA	Pireás (Eur.Ch.Athína)	18	9	1969
51.08	EB	Monika	Zehrt	GDR	Colombes	4	7	1972
51.08	EB	Monika	Zehrt	GDR	München	7	9	1972
50.98	WB	Jelica	Pavlicic	YUG	Sofia	3	8	1974
50.78	WB	Riitta	Salin	FIN	Helsinki (IAAF erroneous day: 18)	17	8	1974
50.14	WR	Riitta	Salin	FIN	Roma	4	9	1974
49.77	WR	Christina	Brehmer	GDR	Dresden	9	5	1976
49.75	WR	Irena	Szewińska	POL	Bydgoszcz	22	6	1976
49.28	WR	Irena	Szewińska	POL	Montréal	29	7	1976
(official time -ratified as WR- was 49.29, re-reading of the photo-finish: 49.28)								
49.19	WR	Marita	Koch	GDR	Leipzig	2	7	1978
49.03	WR	Marita	Koch	GDR	Potsdam	19	8	1978
48.94	WR	Marita	Koch	GDR	Praha	31	8	1978
48.89	WR	Marita	Koch	GDR	Potsdam	29	7	1979
48.60	WR	Marita	Koch	GDR	Torino	4	8	1979
48.16	WR	Marita	Koch	GDR	Athína (first info -erroneous-: 48.15)	8	9	1982
47.99	WR	Jarmila	Kratochvílová	TCH	Helsinki	10	8	1983
47.60	WR	Marita	Koch	GDR	Canberra	6	10	1985

## 800m

Note 1: y = 880 yards (804.67 metres).

Note 2: The first distance used in early years was 1000m. Lempi Aaltonen FIN made 3:26.5 in 1911 (estimated time in 800m -rounded in sec.- 2:45). Afterwards Aaltonen made 3:23.2 in 1915 (estimated time in 800m -rounded in sec.- 2:42/2:43).

Note 3: These first three marks are of inferior quality:

3:04.9	WB	Elsa	Sundberg	SWE	Stockholm	13	9	1914
2:50.8	WB	Elsa	Dahl	SWE	Stockholm	1	11	1914
2:50.8	WB	Berit	Hjulhammar	SWE	Stockholm	1	11	1914
2:30.1/5	WB	Lucie	Bréard	FRA	Strasbourg	23	5	1920
2:30.1/5	WB	Lucie	Bréard	FRA	Monaco	30	3	1921
FSFI								
2:45.0y	WR	Nelly	Hicks	GBR	Torquay	2	8	1922
2:30.2/5+	WR	Georgette	Lenoir	FRA	Paris (P) (1000m 3:12.1/5)	20	8	1922
2:26.3/5y	WR	Mary	Lines	GBR	London (CP) (IAAF errn.month: Aug)	30	9	1922
2:26.3/5y	WB	Edith	Trickey	GBR	London (SB)	11	7	1925
2:24.4/5y	WB	Gladys	Lane	GBR	London (BP)	25	7	1925
2:24.0y	WB	Edith	Trickey	GBR	London (SB)	1	8	1925
2:23.8	WR	Lina	Batschauer	GER	Breslau (2:23.7)	7	8	1927
2:20.2/5	WR	Inga	Gentzel	SWE	Stockholm	16	6	1928
2:19.3/5	WR	Lina	Radke-Batschauer	GER	Brieg	1	7	1928



IAAF 2:16.4/5	WR	Lina	Radke	GER	Amsterdam	2	8	1928
2:16.8	WB	Maria	Dollinger	GER	Magdeburg	2	8	1931
2:16.7	WB	Martha	Wretman	SWE	London (WC)	11	8	1934
2:15.3/5	WB	Nellie	Halstead	GBR	London (WC)	10	8	1935
2:15.3	(WB)	Yevdokiya	Vasilyeva	URS	Kharkov (Soviet version: day 11)	9	9	1938
2:15.3	(WB)	Kseniya	Shilo	URS	Moskva	26	8	1940
2:12.0	(WB)	Yevdokiya	Vasilyeva	URS	Moskva	5	8	1943
2:15.9	WR	Anna	Larsson	SWE	Stockholm	27	8	1944
2:14.8	WR	Anna	Larsson	SWE	Hälsingborg	19	8	1945
2:13.8	WR	Anna	Larsson	SWE	Stockholm	30	8	1945
2:13.0	WR	Yevdokiya	Vasilyeva	URS	Moskva	17	7	1950
2:12.2	WR	Valentina	Pomogayeva	URS	Moskva	26	7	1951
2:12.0	WR	Nina	Pletnyova	URS	Minsk	26	8	1951
2:11.7	WB	Polina	Solopova	URS	Kiev	27	5	1952
2:08.5	WR	Nina	Pletnyova	URS	Kiev	15	6	1952
2:08.2	WB	Nina	Otkalenko-Pletnyova	URS	Moskva	7	6	1953
2:07.3	WR	Nina	Otkalenko	URS	Moskva	27	8	1953
2:06.6	WR	Nina	Otkalenko	URS	Kiev	16	9	1954
2:06.4	WB	Nina	Otkalenko	URS	Beograd	19	9	1955
2:05.0	WR	Nina	Otkalenko	URS	Zagreb	24	9	1955
2:04.3	WR	Lyudmila	Shevtsova	URS	Moskva	3	7	1960
2:04.3	WR	Lyudmila	Shevtsova	URS	Roma (2:04.50)	7	9	1960
2:02.8 a	ER	Gerda	Kraan	NED	Beograd	16	9	1962
2:01.1 a	WR	Ann	Packer	GBR	Tokyo	20	10	1964
2:00.5	WR	Vera	Nikolić	YUG	London (CP)	20	7	1968
1:58.5 a	WR	Hildegard	Falck	FRG	Stuttgart (1:58.45)	11	7	1971
1:57.5 a	WR	Svetla	Zlateva	BUL	Pireás (1:57.48)	24	8	1973
1:56.0	WR	Valentina	Gerasimova	URS	Kiev	12	6	1976
1:54.9 a	WR	Tatyana	Kazankina	URS	Montréal (1:54.94)	26	7	1976
1:54.9 a	WR	Nadezhda	Olizarenko	URS	Moskva (1:54.85)	12	6	1980
1:53.43	WR	Nadezhda	Olizarenko	URS	Moskva	27	7	1980
1:53.28	WR	Jarmila	Kratochvílová	TCH	München	26	7	1983

### 1.500m

Note: First sub6 minutes (5:55.1/5) in mile made by Nan Clarke IRL in 1925 (estimated time in 1500m -rounded in sec.- 5:31). In 1932 Ruth Christmas GBR made 5:27.1/2 (timed by coaches & journalists), estimated time in 1500m -rounded in sec.- 5:05).

5:45	WB	Siina	Simola	FIN	Lieto	23	8	1908
5:44.0	WB	Lempi	Aaltonen	FIN	Harjavalta (IAAF version: 5:43)	...	6	1913
5:18.2	(WB)	Anna	Mushkina	URS	Moskva (IAAF version day: 19)	29	8	1927
5:07.0	(WB)	Anna	Mushkina	URS	Alma-Ata	16	9	1934
5:02.0	(WB)	Lidiya	Freiberg	URS	Moskva	13	7	1936
4:47.2	(WB)	Yevdokiya	Vasilyeva	URS	Moskva	30	7	1936

IAAF									
4:45.2	(WB)	Yevdokiya	Vasilyeva	URS	Moskva	13	9	1937	
4:41.8	(WB)	Anna	Zaitseva	URS	Moskva	10	6	1940	
4:38.0	(WB)	Yevdokiya	Vasilyeva	URS	Moskva	17	8	1944	
4:37.8	(WB)	Olga	Ovsyannikova	URS	Dnepropetrovsk	15	9	1946	
4:37.0	WB	Nina	Pletnyova	URS	Leningrad	30	8	1952	
4:30.0u+	WB	Diane	Leather	GBR	London (WC) (mile 4:50.8 WB)	24	5	1955	
4:22.2u+	WB	Diane	Leather	GBR	London (WC) (mile 4:45.0 WB)	21	9	1955	
4:35.4	WB	Phyllis	Perkins	GBR	Hornchurch	17	5	1956	
4:30.0	WB	Diane	Leather	GBR	Hornchurch	16	5	1957	
4:29.7+	WB	Diane	Leather	GBR	London (WC) (mile 4:50.6)	19	7	1957	
4:23.4	EB	Vera	Mukhanova	URS	Moskva	26	6	1966	
4:21.0+	EB	Anne	Smith	GBR	London (WP) (mile 4:39.2 WB)	13	5	1967	
4:17.3+	WR	Anne	Smith	GBR	London (Ch) (mile 4:37.0 WR)	3	6	1967	
4:15.6	WR	Mia	Gommers	NED	Sittard	24	10	1967	
4:12.4	WR	Paola	Pigni	ITA	Milano	2	7	1969	
4:10.7 a	WR	Jaroslava	Jehličková	TCH	Pireás (Eur.Ch.Athina) (4:10.77)	20	9	1969	
4:09.6 a	WR	Karin	Burneleit	GDR	Helsinki (4:09.62)	15	8	1971	
4:06.9	WR	Lyudmila	Bragina	URS	Moskva	18	7	1972	
4:06.5 a	WR	Lyudmila	Bragina	URS	München (h1/4:06.47)	4	9	1972	
4:05.1 a	WR	Lyudmila	Bragina	URS	München (sf2/4:05.07)	7	9	1972	
4:01.4 a	WR	Lyudmila	Bragina	URS	München (f/4:01.38)	9	9	1972	
3:56.0	WR	Tatyana	Kazankina	URS	Podolsk	28	6	1976	
3:55.0 a	WR	Tatyana	Kazankina	URS	Moskva	6	7	1980	
3:52.47	WR	Tatyana	Kazankina	URS	Zürich	13	8	1980	
3:51.95	ER	Sifan	Hassan	NED	Doha	5	10	2019	
<b>5.000m</b>									
16:17.4	WB	Paola	Pigni	ITA	Formia	11	5	1969	
15:53.6	WB	Paola	Pigni	ITA	Milano	2	9	1969	
15:41.4	WB	Natalia	Mărășescu	ROU	Oradea	16	3	1977	
15:08.8	WB	Loa	Olafsson	DEN	Søllerød (vs men)	30	5	1978	
15:36.9	EB	Charlotte	Teske	FRG	Wolfsburg	5	5	1979	
15:35.0	EB	Irina	Bondarchuk	URS	Leningrad	22	8	1980	
15:28.43	WB	Ingrid	Kristiansen	NOR	Oslo	11	7	1981	
15:24.6	WB	Yelena	Sipatova	URS	Podolsk	6	9	1981	
15:14.51	WR	Paula	Fudge	GBR	Knarvik	13	9	1981	
15:12.62	EB	Irina	Bondarchuk	URS	Moskva	11	6	1982	
15:08.80	ER	Grete	Waitz	NOR	Oslo	26	6	1982	
14:58.89	WR	Ingrid	Kristiansen	NOR	Oslo	28	6	1984	
14:48.07	WR	Zola	Budd	GBR	London (CP)	26	8	1985	
14:37.33	WR	Ingrid	Kristiansen	NOR	Stockholm	5	8	1986	
14:36.45	WR	Fernanda	Ribeiro	POR	Hechtel	22	7	1995	
14:31.48	ER	Gabriela	Szabo	ROU	Berlin	1	9	1998	
14:29.32	ER	Olga	Yegorova	RUS	Berlin	31	8	2001	
14:24.68	WR	Elvan	Abeylegesse	TUR	Bergen (Fana)	11	6	2004	



14:23.75	ER	Liliya	Shobukhova	RUS	Kazan	19	7	2008
14:22.34	ER	Sifan	Hassan	NED	Rabat	13	7	2018
14:22.12	ER	Sifan	Hassan	NED	London	21	7	2019

### 10.000m

Note: 1st known performances were 39:25.0 & 39:10.0 made in 1966 by GDR athletes (Gertrud Schmidt & Hannelore Middecke), but previously (29.12.1965 Schio) Elsa Pasquali ITA 15955m in the hour (estimated time in 10000m -rounded in sec.- 37:37).

38:06.4	WB	Anne	O'Brien	IRL	Gormanstown	26	3	1967
35:30.5	WB	Paola	Pigni	ITA	Milano	9	5	1970
34:01.4	WB	Christa	Vahlensieck	FRG	Wolfsburg	20	8	1975
33:34.2a	WB	Loa	Olafsson	DEN	Hvidovre (33:34.17) (vs men)	19	3	1977
32:43.2	WB	Natalia	Marasescu	ROU	Băile Felix	22	1	1978
31:45.4	WB	Loa	Olafsson	DEN	København (vs men)	6	4	1978
32:30.80	WB	Olga	Krentser-Bondarenko	URS	Moskva	7	8	1981
32:17.20	WR	Yelena	Sipatova	URS	Moskva	19	9	1981
31:48.23	ER	Anna	Domoradskaya	URS	Kiev	27	7	1982
31:35.01	WR	Lyudmila	Baranova	URS	Krasnodar	29	5	1983
31:27.58	WR	Raisa	Sadreydinova	URS	Odessa	7	9	1983
31:13.78	WR	Olga	Bondarenko	URS	Kiev	24	6	1984
30:59.42	WR	Ingrid	Kristiansen	NOR	Oslo	27	7	1985
30:13.74	WR	Ingrid	Kristiansen	NOR	Oslo	5	7	1986
30:01.09	ER	Paula	Radcliffe	GBR	München	6	8	2002
29:56.34	ER	Elvan	Abeylegesse	TUR	Beijing	15	8	2008
29:36.67	ER	Sifan	Hassan	NED	Hengelo	10	10	2020

### Maratón / Marathon

3:40:22	WB	Violet	Piercy	GBR	Windsor-London (Ch)	3	10	1926
3:27:45	WB	Dale	Greig	GBR	Ryde	23	5	1964
3:07:26.2	WB	Anni	Pede-Erdcamp	FRG	Waldniel	16	9	1967
3:00:47	EB	Paola	Pigni	ITA	Roma	31	12	1971
2:59:53.2	EB	Sarolta	Monspart	HUN	Budapest	29	10	1972
2:59:25.6	EB	Christa	Vahlensieck	FRG	Waldniel	28	10	1973
2:53:00	EB	Christa	Vahlensieck	FRG	Boston	15	4	1974
2:50:31	EB	Liane	Winter	FRG	Waldniel	22	9	1974
2:46:24	WB	Chantal	Langlacé	FRA	Neuf Brisach	27	10	1974
2:42:24	WB	Liane	Winter	FRG	Boston	21	4	1975
2:40:15.8	WB	Christa	Vahlensieck	FRG	Dülmen	3	5	1975
2:35:15.4	WB	Chantal	Langlacé	FRA	Oyarzun	1	5	1977
2:34:47.5	WB	Christa	Vahlensieck	FRG	Berlin	10	9	1977
2:32:29.8	WB	Grete	Waitz	NOR	New York	22	10	1978
2:27:32.6	WB	Grete	Waitz	NOR	New York	21	10	1979
2:25:41.3	WB	Grete	Waitz	NOR	New York	26	10	1980
2:25:29	WB	Grete	Waitz	NOR	London (2:25:28.7)	17	4	1983
2:24.26	EB	Ingrid	Kristiansen	NOR	London	13	5	1984



2:21:06	WB	Ingrid	Kristiansen	NOR	London	21	4	1985
2:18:56	EB	Paula	Radcliffe	GBR	London	14	4	2002
2:17:18	WB	Paula	Radcliffe	GBR	Chicago	13	10	2002
2:15:25	WR	Paula	Radcliffe	GBR	London	13	4	2003

### 100m vallas / hurdles

a) Hurdles spaced 8.25m apart:

14.7	WB	Linda	Griffiths	GBR	London (CP)	23	7	1966
14.3	WB	Mary	Rand	GBR	Cardiff	10	9	1966
14.3	WB	Patricia	Pryce	GBR	Cardiff	10	9	1966
14.3	WB	Patricia	Jones	GBR	Cardiff	10	9	1966
14.3	WB	Eva	Kucmanová	TCH	Cardiff	10	9	1966

b) With 8.5m spacings:

13.7	WB	Christine	Perera	GBR	Blackburn	3	6	1967	
13.7	+2.0	EB	Christine	GBR	London (CP) (h)	19	7	1968	
13.5	+1.5	EB	Christine	GBR	London (CP) (f)	19	7	1968	
13.3	+1.0	WR	Karin	Balzer	GDR	Warszawa (h2)	20	6	1969
13.3	+1.3	WR	Teresa	Sukniewicz	POL	Warszawa (h3)	20	6	1969
13.0	+1.6	WR	Karin	Balzer	GDR	Leipzig	27	7	1969
12.9	+0.7	WR	Karin	Balzer	GDR	Ost Berlin	5	9	1969
12.8	+1.3	WR	Teresa	Sukniewicz	POL	Warszawa	20	6	1970
12.7	+0.4	WR	Karin	Balzer	GDR	Ost Berlin	26	7	1970
12.7	+1.6	WR	Teresa	Sukniewicz	POL	Warszawa	20	9	1970
12.7		WB	Teresa	Sukniewicz	POL	Erfurt	27	9	1970
12.7	+1.5	WR	Karin	Balzer	GDR	Ost Berlin	25	7	1971
12.6	+1.9	WR	Karin	Balzer	GDR	Ost Berlin	31	7	1971
12.5	+0.7	WR	Anneliese	Ehrhardt	GDR	Potsdam	15	6	1972
12.5	+0.7	WB	Anneliese	Ehrhardt	GDR	Ost Berlin	13	8	1972
12.3	+1.5	WR	Anneliese	Ehrhardt	GDR	Dresden	22	7	1973

### Automatic timing

Note: 1st known performance is 13.94 1.8 Christine Perera GBR London (WC) 12.8.1969.

13.29	+1.0	WB	Karin	Balzer	GDR	Pireás (Eur.Ch.Athína)	20	9	1969
13.29	0.0	EB	Anneliese	Ehrhardt	GDR	Helsinki (h3)	12	8	1971
13.20	-0.8	EB	Karin	Balzer	GDR	Helsinki (sf1)	12	8	1971
13.11	+0.2	EB	Anneliese	Ehrhardt	GDR	Helsinki (sf2)	12	8	1971
12.94	0.0	EB	Karin	Balzer	GDR	Helsinki (f)	13	8	1971
12.70	0.0	WB	Anneliese	Ehrhardt	GDR	München (h1)	4	9	1972
12.59	+0.6	WR	Anneliese	Ehrhardt	GDR	München (f)	8	9	1972
12.48	+1.9	WR	Grażyna	Rabsztyn	POL	Fürth	10	6	1978
12.48	+1.2	WB	Grażyna	Rabsztyn	POL	Warszawa	18	6	1979
12.36	+1.9	WR	Grażyna	Rabsztyn	POL	Warszawa	13	6	1980
12.36	-0.6	WB	Yordanka	Donkova	BUL	Sofia	13	8	1986
12.35	+0.1	WR	Yordanka	Donkova	BUL	Köln (h2)	17	8	1986
12.29	-0.4	WR	Yordanka	Donkova	BUL	Köln (f)	17	8	1986
12.26	+1.5	WR	Yordanka	Donkova	BUL	Ljubljana	7	9	1986
12.25	+1.4	WR	Ginka	Zagorcheva	BUL	Dráma	8	8	1987
12.21	+0.7	WR	Yordanka	Donkova	BUL	Stara Zagora	20	8	1988

### 400m vallas / hurdles

61.1	WB	Sandra	Dyson	GBR	Bonn	15	5	1971
60.7	WB	Libuše	Macounová	TCH	Praha	29	9	1971
60.4	WB	Judy	Vernon	GBR	London (CP)	21	3	1973

59.3	EB	Elżbieta	Katolik	POL	Warszawa	1	5	1973
58.6	WB	Maria	Sykora	AUT	Warley	27	5	1973
58.5 a	WB	Maria	Sykora	AUT	Edinburgh (58.53)	16	6	1973
57.3	WB	Maria	Sykora	AUT	Frankfurt/Main	23	6	1973
56.7	WB	Danuta	Piecyk	POL	Warszawa (56.91)	11	8	1973

Automatic timing (2 times -58.53 & 56.91- already cited -in tenths & in hundredths in brackets- in previous list)

58.53	WB	Maria	Sykora	AUT	Edinburgh	16	6	1973
56.91	WB	Danuta	Piecyk	POL	Warszawa	11	8	1973
56.51	WR	Krystyna	Kacperczyk	POL	Augsburg	13	7	1974

55.74	WR	Tatyana	Storozheva	URS	Karl-Marx-Stadt	26	6	1977
55.63	WR	Karin	Rossley	GDR	Helsinki	13	8	1977
55.44	WR	Krystyna	Kacperczyk	POL	Berlin	18	8	1978
55.31	WR	Tatyana	Zelentsova	URS	Podolsk	19	8	1978
54.89	WR	Tatyana	Zelentsova	URS	Praha	2	9	1978
54.78	WR	Marina	Makeyeva	URS	Moskva	27	7	1979
54.28	WR	Karin	Rossley	GDR	Jena	18	5	1980

54.02	WR	Anna	Ambraziene	URS	Moskva	11	6	1983
53.58	WR	Margarita	Ponomaryova	URS	Kiev	22	6	1984

53.55	WR	Sabine	Busch	GDR	Ost Berlin	22	9	1985
53.32	WR	Marina	Stepanova-Makeyeva	URS	Stuttgart	30	8	1986
52.94	WR	Marina	Stepanova	URS	Tashkent	17	9	1986

52.74	WR	Sally	Gunnell	GBR	Stuttgart	19	8	1993
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52.34	WR	Yuliya	Pechonkina	RUS	Tula	8	8	2003
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### 3.000m Obstáculos / Steeplechase

9:55.28	WB	Daniela	Petrescu	ROU	Bucuresti	21	6	1998
9:48.88	WR	Yelena	Motalova	RUS	Tula	31	7	1999
9:43.64	WR	Cristina	Casandra-Iloc	ROU	Bucuresti	7	8	2000
9:40.20	WR	Cristina	Casandra-Iloc	ROU	Reims	30	8	2000

9:25.31	WR	Justyna	Bak	POL	Nice	9	7	2001
9:22.29	WR	Justyna	Bak	POL	Milano	5	6	2002
9:21.72	WR	Alesia	Turava	BLR	Ostrava	12	6	2002
9:16.51	WR	Alesia	Turava	BLR	Gdańsk	27	7	2002
9:08.33	WR	Gulnara	Samitova	RUS	Tula	10	8	2003
9:01.59	WR	Gulnara	Samitova	RUS	Iraklio	4	7	2004

8:58.81	WR	Gulnara	Galkina-Samitova	RUS	Beijing	17	8	2008
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### Altura / High Jump

Note 1: Conversion from inches to millimetres.

Note 2: Over a rope weighted at both ends with sand ballasts, 1.47 Margaret Belasco 1914 & 1.575/1.625 Joan Belasco 1920, both GBR.

Achieved in clearing wooden bars:

1.23	WB	R.	Mirieux	FRA	Paris (PB)	15	7	1917
1.23	WB	Thérèse	Brûlé	FRA	Paris (PB)	15	7	1917
1.245	WB	Thérèse	Brûlé	FRA	Paris (PB)	19	8	1917
1.25	WB	Paule	du Lerlay	FRA	Saint Cloud	16	6	1918
1.32	WB	Helene	Rittenauer	AUT	Wien	16	6	1918
1.335	WB	Maria	Keller	AUT	Wien	29	6	1918
1.335	WB	Hilde	Lahr	AUT	Wien	29	6	1918
1.40	WB	Thea	Barschow	GER	Hamburg	27	4	1919
1.42	WB	Elise	Constant	FRA	Caen	13	11	1920



FSFI							
1.45		WB	Elise	Constant	FRA	Caen	26 3 1921
1.47		WB	Elise	Constant	FRA	Caen	26 3 1921
1.50		WB	Waltraude	Schmidt	GER	Dresden (IAAF version day: 18)	17 7 1921
1.51		WB	Gertrud	Döring	GER	Berlin	10 6 1923
1.511	4-11-1/2	WB	Elisa	Van Truyen	BEL	London (SB)	4 8 1924
1.511	4-11-1/2	WB	Phyllis	Green	GBR	London (SB)	6 6 1925
1.51		WB	Phyllis	Green	GBR	Bruxelles	5 7 1925
1.524	5-0	WR	Phyllis	Green	GBR	London (SB)	11 7 1925
1.552	5-1-1/8	WR	Phyllis	Green	GBR	London (Ch)	2 8 1926
1.581	5-2-1/4	WB	Phyllis	Green	GBR	Reading	9 7 1927
1.58		WR	Carolina	Gisolf	NED	Bruxelles (IAAF version: July)	3 6 1928
1.605		WR	Carolina	Gisolf	NED	Maastricht (1.608)	18 8 1929
1.62		WR	Carolina	Gisolf	NED	Amsterdam	12 6 1932
IAAF							
1.625	5-4	EB	Dora	Greenwood	GBR	Southend	8 6 1933
1.651	5-5	WB	Dora	Greenwood	GBR	Southend	8 6 1933
1.651	5-5	WB	Dorothy	Odam	GBR	Brentwood	1 6 1936
1.66	5-5-3/8	WR	Dorothy	Odam	GBR	Brentwood	29 5 1939
1.66		WR	Ilsebill	Pfenning	SUI	Lugano	27 7 1941
1.67		WB	Fanny	Blankers-Koen	NED	Amsterdam	30 5 1943
1.69		WB	Fanny	Blankers-Koen	NED	Amsterdam	30 5 1943
1.71		WR	Fanny	Blankers-Koen	NED	Amsterdam	30 5 1943
1.72	5-7-5/8	WR	Sheila	Lerwill	GBR	London (WC) (1.718)	7 7 1951
1.73		WR	Aleksandra	Chudina	URS	Kiev	22 5 1954
1.74	5-8-1/2	WR	Thelma	Hopkins	GBR	Belfast	5 5 1956
1.75		WR	Iolanda	Balaş	ROU	Bucuresti	14 7 1956
1.75 (built-up shoe)		ER	Taisiya	Chenchik	URS	Bucuresti	17 9 1957
1.76		WR	Iolanda	Balaş	ROU	Bucuresti	13 10 1957
1.78		WR	Iolanda	Balaş	ROU	Bucuresti	7 6 1958
1.80		WR	Iolanda	Balaş	ROU	Cluj	22 6 1958
1.81		WR	Iolanda	Balaş	ROU	Poiana Brasov	31 7 1958
1.82		WR	Iolanda	Balaş	ROU	Bucuresti	4 10 1958
1.83		WR	Iolanda	Balaş	ROU	Bucuresti	18 10 1958
1.84		WR	Iolanda	Balaş	ROU	Bucuresti	21 9 1959
1.85		WR	Iolanda	Balaş	ROU	Bucuresti	6 6 1960
1.86		WR	Iolanda	Balaş	ROU	Bucuresti	9/10 7 1960
1.86i		WB	Iolanda	Balaş	ROU	Leningrad	18 3 1961
1.87		WR	Iolanda	Balaş	ROU	Bucuresti	15 4 1961
1.88		WR	Iolanda	Balaş	ROU	Warszawa	18 6 1961
1.90		WR	Iolanda	Balaş	ROU	Budapest	8 7 1961
1.91		WR	Iolanda	Balaş	ROU	Sofia	16 7 1961
1.92		WR	Ilona	Gusenbauer	AUT	Wien	4 9 1971
1.92		WR	Ulrike	Meyfarth	FRG	München	4 9 1972
1.94		WR	Yordanka	Blagoeva	BUL	Zagreb	24 9 1972
1.94		WR	Rosemarie	Witschas	GDR	Ost Berlin	24 8 1974
1.95		WR	Rosemarie	Witschas	GDR	Roma	8 9 1974
1.96		WR	Rosemarie	Ackermann-Witschas	GDR	Dresden	8 5 1976
1.96		WR	Rosemarie	Ackermann	GDR	Dresden	3 7 1977
1.97		WR	Rosemarie	Ackermann	GDR	Helsinki	14 8 1977
1.97		WR	Rosemarie	Ackermann	GDR	Berlin	26 8 1977

2.00	WR	Rosemarie	Ackermann	GDR	Berlin	26	8	1977
2.01	WR	Sara	Simeoni	ITA	Brescia	4	8	1978
2.01	WR	Sara	Simeoni	ITA	Praha	31	8	1978
2.02	WR	Ulrike	Meyfarth	FRG	Athína	8	9	1982
2.02i	WB	Tamara	Bykova	URS	Budapest	6	3	1983
2.03i	WB	Tamara	Bykova	URS	Budapest	6	3	1983
2.03	WR	Ulrike	Meyfarth	FRG	London (CP)	21	8	1983
2.03	WR	Tamara	Bykova	URS	London (CP)	21	8	1983
2.04	WR	Tamara	Bykova	URS	Pisa	25	8	1983
2.05	WR	Tamara	Bykova	URS	Kiev	22	6	1984
2.07	WR	Lyudmila	Andonova	BUL	Ost Berlin	20	7	1984
2.07	WR	Stefka	Kostadinova	BUL	Sofia	25	5	1986
2.08	WR	Stefka	Kostadinova	BUL	Sofia	31	5	1986
2.09	WR	Stefka	Kostadinova	BUL	Roma	30	8	1987

### Pértiga / Pole Vault

2.35	WB	Helene	Henneke	GER	Nürnberg	17	7	1921
2.35	(WB)	Yelena	Goldobina	URS	Moskva	7	9	1924
2.535	(WB)	Zoya	Romanova	URS	Moskva	26	8	1935
			.....?					
2.90	EB	Natascha	Schmidt	FRG	Göttingen	5	5	1984
3.00	EB	Natascha	Schmidt	FRG	Bad Gandersheim	23	9	1984
3.00	EB	Natascha	Schmidt	FRG	Lübeck	27	9	1986
3.10i	EB	Natascha	Schmidt	FRG	Stelle	8	3	1987
3.20	EB	Natascha	Schmidt	FRG	Hamburg	9	5	1987
3.20	EB	Natascha	Schmidt	FRG	Bad Gandersheim	1	8	1987
3.20i	EB	Natascha	Schmidt	FRG	Stelle	21	2	1988
3.20	EB	Natascha	Schmidt	FRG	Hamburg	7	5	1988
3.20	EB	Andrea	Müller	FRG	Zweibrücken	21	6	1988
3.40	EB	Natascha	Schmidt	FRG	Bad Gandersheim	6	8	1988
3.40i	EB	Andrea	Müller	FRG	Karlsruhe	19	2	1989
3.41	EB	Natascha	Schmidt	FRG	Bad Gandersheim	26	8	1989
3.41	EB	Nicole	Rieger	FRG	Hagenau	22	9	1989
3.50	EB	Nicole	Rieger	FRG	Landau	7	10	1989
3.50i	EB	Andrea	Müller	FRG	Zweibrücken	3	2	1990
3.50	EB	Andrea	Müller	FRG	Limburgerhof	17	6	1990
3.53	EB	Natascha	Schmidt	FRG	Zweibrücken	23	9	1990
3.61	EB	Ingeborg	Marx	BEL	Naimette	14	10	1990
3.62i	EB	Ingeborg	Marx	BEL	Gent	2	2	1991
3.65	EB	Nicole	Rieger	GER	Landau	12	5	1991
3.70	EB	Nicole	Rieger	GER	Ludwigshafen	2	6	1991
3.70	EB	Nicole	Rieger	GER	Landau	6	6	1991
3.75	EB	Nicole	Rieger	GER	Koblenz	22	6	1991
3.80	EB	Nicole	Rieger	GER	Koblenz	22	6	1991
3.83	EB	Nicole	Rieger	GER	Zweibrücken	13	7	1991
3.90	EB	Nicole	Rieger	GER	Berlin	21	7	1991
3.92	EB	Nicole	Rieger	GER	Landau	22	7	1992
3.93	EB	Tanja	Cors	GER	Bad Gandersheim	23	5	1993
4.00i	EB	Nicole	Rieger	GER	Clermont-Ferrand	28	1	1994
4.01i	EB	Nicole	Rieger	GER	Landau	20	2	1994
4.02i	EB	Nicole	Rieger	GER	Dortmund	26	2	1994
4.08i	EB	Nicole	Rieger	GER	Karlsruhe	1	3	1994
3.96	EB	Nicole	Rieger	GER	Bad Bergzabern	2	6	1994
3.96	EB	Andrea	Müller	GER	Worms	5	6	1994

4.00	EB	Nicole	Rieger	GER	Duisburg	12	6	1994
4.01	ER	Marina	Andreyeva	RUS	Voronezh	18	6	1994
4.09i	EB	Daniela	Bártová	CZE	Praha	26	2	1995
4.10	WR	Daniela	Bártová	CZE	Ljubljana	21	5	1995
4.12	WR	Daniela	Bártová	CZE	Duisburg	18	6	1995
4.13	WR	Daniela	Bártová	CZE	Wesel	24	6	1995
4.14	WR	Daniela	Bártová	CZE	Gateshead	2	7	1995
4.15	WR	Daniela	Bártová	CZE	Ostrava (other version: day 5)	6	7	1995
4.16	WR	Daniela	Bártová	CZE	Feldkirch-Gisingen	14	7	1995
4.17	WR	Daniela	Bártová	CZE	Feldkirch-Gisingen	15	7	1995
4.18	WR	Andrea	Müller	GER	Zittau	5	8	1995
4.20	WR	Daniela	Bártová	CZE	Köln	18	8	1995
4.21	WR	Daniela	Bártová	CZE	Linz	22	8	1995
4.22	WR	Daniela	Bártová	CZE	Salgótarján	11	9	1995
4.22i	WB	Daniela	Bártová	CZE	Erfurt	31	1	1996
4.23	ER	Daniela	Bártová	CZE	Jablonec	31	8	1996
4.25	ER	Daniela	Bártová	CZE	Pula	4	9	1996
4.27	ER	Daniela	Bártová	CZE	Oristano	18	9	1996
4.30i	EB	Daniela	Bártová	CZE	Praha	22	1	1997
4.31i	EB	Daniela	Bártová	CZE	Reykjavik	25	1	1997
4.32i	EB	Eszter	Szemerédi	HUN	Budapest	31	1	1997
4.28	ER	Daniela	Bártová	CZE	Praha	24	5	1997
4.29	ER	Daniela	Bártová	CZE	Ostrava	28	5	1997
4.30	ER	Andrea	Müller	GER	Worms	31	5	1997
4.32	ER	Daniela	Bártová	CZE	Villeneuve d'Ascq	29	6	1997
4.33	ER	Daniela	Bártová	CZE	Trinec	5	7	1997
4.34	ER	Anzhela	Balakhonova	UKR	Kyiv	11	7	1997
4.35	ER	Anzhela	Balakhonova	UKR	Formia	13	7	1997
4.36	ER	Anzhela	Balakhonova	UKR	Weissach	27	7	1997
4.41i	EB	Daniela	Bártová	CZE	Erfurt	4	2	1998
4.42i	EB	Vala	Flosadóttir	ISL	Bielefeld	6	2	1998
4.43i	EB	Daniela	Bártová	CZE	Praha	14	2	1998
4.44i	EB	Vala	Flosadóttir	ISL	Eskilstuna	14	2	1998
4.45i	EB	Anzhela	Balakhonova	UKR	Valencia	1	3	1998
4.46i	EB	Daniela	Bártová	CZE	Berlin	6	3	1998
4.48i	EB	Daniela	Bártová	CZE	Sindelfingen	8	3	1998
4.37	ER	Anzhela	Balakhonova	UKR	Kyiv	16	5	1998
4.40	ER	Daniela	Bártová	CZE	Cottbus	27	5	1998
4.50	ER	Daniela	Bártová	CZE	Cottbus	27	5	1998
4.51	ER	Daniela	Bártová	CZE	Bratislava	9	6	1998
4.51i	EB	Zsuzsanna	Szabó	HUN	Budapest	4	2	1999
4.51i	EB	Nicole	Humbert-Rieger	GER	Stockholm	25	2	1999
4.56i	EB	Nicole	Humbert-Rieger	GER	Stockholm	25	2	1999
4.56	ER	Anzhela	Balakhonova	UKR	Linz	8	8	2000
4.58i	EB	Svetlana	Feofanova	RUS	Karlsruhe	27	1	2001
4.60i	ER	Svetlana	Feofanova	RUS	Dortmund	11	2	2001
4.64i	WR	Svetlana	Feofanova	RUS	Dortmund	11	2	2001
4.65i	ER	Svetlana	Feofanova	RUS	Pireás	21	2	2001
4.65	ER	Svetlana	Feofanova	RUS	Tula	14	7	2001
4.70	ER	Svetlana	Feofanova	RUS	Tula	14	7	2001
4.70	ER	Svetlana	Feofanova	RUS	Edmonton	6	8	2001
4.75	ER	Svetlana	Feofanova	RUS	Edmonton	6	8	2001
4.75i	ER	Svetlana	Feofanova	RUS	Wien	3	3	2002
4.76	ER	Svetlana	Feofanova	RUS	Villeneuve d'Ascq	16	6	2002
4.77	ER	Annika	Becker	GER	Bochum-Wattenscheid	7	7	2002
4.78	ER	Svetlana	Feofanova	RUS	Stockholm	16	7	2002
4.80i	ER	Svetlana	Feofanova	RUS	Birmingham	16	3	2003
4.82	WR	Yelena	Isinbayeva	RUS	Gateshead	13	7	2003
4.83i	WR	Yelena	Isinbayeva	RUS	Donetsk	15	2	2004
4.85i	WR	Svetlana	Feofanova	RUS	Athína/Peania	22	2	2004
4.86i	WR	Yelena	Isinbayeva	RUS	Budapest	6	3	2004

4.87	WR	Yelena	Isinbayeva	RUS	Gateshead	27	6	2004
4.88	WR	Svetlana	Feofanova	RUS	Iráklio	4	7	2004
4.89	WR	Yelena	Isinbayeva	RUS	Birmingham	25	7	2004
4.90	WR	Yelena	Isinbayeva	RUS	London (CP)	30	7	2004
4.91	WR	Yelena	Isinbayeva	RUS	Athína	24	8	2004
4.92	WR	Yelena	Isinbayeva	RUS	Bruxelles	3	9	2004
4.93	WR	Yelena	Isinbayeva	RUS	Lausanne	5	7	2005
4.95	WR	Yelena	Isinbayeva	RUS	Madrid	16	7	2005
4.96	WR	Yelena	Isinbayeva	RUS	London (CP)	22	7	2005
5.00	WR	Yelena	Isinbayeva	RUS	London (CP)	22	7	2005
5.01	WR	Yelena	Isinbayeva	RUS	Helsinki	12	8	2005
5.03	WR	Yelena	Isinbayeva	RUS	Roma	11	7	2008
5.04	WR	Yelena	Isinbayeva	RUS	Monaco	29	7	2008
5.05	WR	Yelena	Isinbayeva	RUS	Beijing	18	8	2008
5.06	WR	Yelena	Isinbayeva	RUS	Zürich	28	8	2009

The IAAF Handbook for 1998-1999 contained an important Rule change effective from 1 April 1998. Rule 148, paragraph 6(a) noted that records could be made in an athletics arena with or without roof, i.e. (outdoor or "overall" World Records could also be set in a covered (indoor) arena.

4.54	ER	Anzhela	Balakhonova	UKR	Uniondale, NY	6	6	1999
4.55	ER	Anzhela	Balakhonova	UKR	Saint-Denis	3	7	1999
4.55	ER	Anzhela	Balakhonova	UKR	Sevilla	21	8	1999
4.57	EB	Svetlana	Feofanova	RUS	Athína	11	6	2001
4.60	EB	Svetlana	Feofanova	RUS	Bremen	23	6	2001
4.61	EB	Monika	Pyrek	POL	Bydgoszcz	1	7	2001
4.62	EB	Svetlana	Feofanova	RUS	Nice	9	7	2001

## Longitud / Long Jump

Note 1: Conversion from inches to millimetres & then rounded to half centimetres.

Note 2: Includes alternative progression without Stanisława Walasiewicz\*\* marks.

4.63	EB	Hillavi	Stenhammer	SWE	Göteborg	...	..	1913	
4.63	EB	Marie	Keller	AUT	Wien	28	4	1918	
4.82	EB	Marie	Keller	AUT	Wien	15	6	1919	
5.41	WB	Marie	Kiessling	GER	München	17	7	1920	
5.54	WB	Marie	Kiessling	GER	München	29	5	1921	
FSFI									
5.16	WR	Marie	Mejzliková II	TCH	Praha	6	8	1922	
5.30	WR	Marie	Mejzliková II	TCH	Praha	23	9	1923	
5.485	18-0	WR	Muriel	Gunn	GBR	London (SB)	2	8	1926
			(in att.2, the att.1 -5.37- not ratified as WR)						
5.57	18-3-3/8	EB	Muriel	Gunn	GBR	London (BP)	21	9	1926
5.60		EB	Gertrud	Gladitsch	GER	Schwenningen	26	6	1927
5.575	18-3-1/2	WR	Muriel	Gunn	GBR	London (SB)	1	8	1927
5.62		EB	Gertrud	Gladitsch	GER	Hannover	4	9	1927
5.68	18-7-3/4	EB	Muriel	Cornell-Gunn	GBR	London (SB)	14	7	1928
5.78	18-11-1/2	EB	Muriel	Cornell	GBR	London (SB)	13	7	1929
5.80	19-0-1/2	EB	Muriel	Cornell	GBR	London (SB)	21	6	1930
IAAF									
6.02	19-9		Stanisława	Walasiewicz *	POL	Cleveland, OH (Polish source: wind)	10	7	1930

5.85	19-2-1/2	EB	Muriel	Cornell	GBR	Birmingham	26	7	1930
5.91		ER	Selma	Grieme	GER	Hannover	23	8	1931
6.095	20-0		Stanisława	Walasiewicz *	POL	Worcester, MA	28	6	1937
(the Polish Federation did not accept these marks made in USA, but ratified others made in their country: 6.02 Drohobycz 18.9.1937 & 6.04 Łódź 28.8.1938)									
6.07	(not accepted, only 2 jdg)		Erika	Junghanns	GER	Weissenfels	2	10	1938
5.92		EB	Christel	Schulz	GER	Berlin	8	7	1939
6.12		WR	Christel	Schulz	GER	Berlin (att.5)	30	7	1939
(2nd: 5.97 F.Koen NED, before or after?)									
6.25		WR	Fanny	Blankers-Koen	NED	Leiden	19	9	1943
6.25		EB	Nadezhda	Dvalishvili-Khnykina	URS	Tbilisi	16	5	1954
6.27		ER	Galina	Vinogradova	URS	Warszawa	3	8	1955
6.28	+1.3	WR	Galina	Vinogradova	URS	Moskva	11	9	1955
6.31	+0.5	WR	Galina	Vinogradova	URS	Tbilisi	18	11	1955
6.35	+1.0	WR	Elżbieta	Krzysińska	POL	Budapest	20	8	1956
6.35		WR	Elżbieta	Krzysińska	POL	Melbourne	27	11	1956
6.36	0.0	WB	Hildrun	Claus	GDR	Erfurt (att.4)	7	8	1960
6.40	0.0	WR	Hildrun	Claus	GDR	Erfurt (att.6)	7	8	1960
6.42	+1.4	WR	Hildrun	Claus	GDR	Ost Berlin	23	6	1961
6.48	-1.5	WR	Tatyana	Shchelkanova	URS	Moskva	16	7	1961
6.53	+1.5	WR	Tatyana	Shchelkanova	URS	Leipzig	10	6	1962
6.62		WB	Tatyana	Shchelkanova	URS	Bruxelles	6	10	1962
6.70		WR	Tatyana	Shchelkanova	URS	Moskva	4	7	1964
6.76	-1.6	WR	Mary	Rand	GBR	Tokyo	14	10	1964
6.82	0.0	WR	Viorica	Viscopoleanu	ROU	Ciudad de México	14	10	1968
6.84	0.0	WR	Heidemarie	Rosendahl	FRG	Torino	3	9	1970
6.92	+1.6	WR	Angela	Voigt	GDR	Dresden	9	5	1976
6.99	+2.0	WR	Siegrun	Siegl	GDR	Dresden	19	5	1976
7.07	+1.9	WR	Vilma	Bardauskiene	URS	Kishinev	18	8	1978
7.09	0.0	WR	Vilma	Bardauskiene	URS	Praha	29	8	1978
7.15	+0.3	WR	Anișoara	Cușmir	ROU	Bucuresti (att.5)	1	8	1982
7.20	-0.5	WR	Vali	Ionescu	ROU	Bucuresti (at.6,IAAF version wind: -0.3)	1	8	1982
7.21	+0.6	WR	Anișoara	Cușmir	ROU	Bucuresti	15	5	1983
7.27	+0.6	WR	Anișoara	Cușmir	ROU	Bucuresti (att.1)	4	6	1983
7.43	+1.4	WR	Anișoara	Cușmir	ROU	Bucuresti (att.5)	4	6	1983
7.44	+2.0	WR	Heike	Drechsler	GDR	Ost Berlin	22	9	1985
7.45	+0.9	WR	Heike	Drechsler	GDR	Tallinn	21	6	1986
7.45	+1.1	WR	Heike	Drechsler	GDR	Dresden	3	7	1986
7.45	+1.0	WR	Galina	Chistyakova	URS	Leningrad (att.4)	11	6	1988
7.52	+1.4	WR	Galina	Chistyakova	URS	Leningrad (att.6)	11	6	1988

### Triple / Triple Jump

10.50		WB	Adrienne	Kaenel	SUI	Genève	16	7	1923
.....?									
12.22	(training?)	WB	Mary	Signal	GBR	Street	18	6	1959
.....?									
12.32i		EB	Maya	Benzoor	ISR	Flagstaff, AZ	11	2	1984

12.49		EB	Kristin	Gussgard-Gran	NOR	Arlington, TX	5	5	1984
13.36i		EB	Galina	Chistyakova	URS	Inglewood, CA	21	2	1986
13.43i		EB	Galina	Chistyakova	URS	Inglewood, CA	21	2	1986
13.58i		WB	Galina	Chistyakova	URS	San Diego, CA	23	2	1986
13.86i		WB	Galina	Chistyakova	URS	Moskva (att.1)	3	1	1987
13.96i		WB	Galina	Chistyakova	URS	Moskva (att.2)	3	1	1987
13.98i		WB	Galina	Chistyakova	URS	Moskva (att.3)	3	1	1987
13.39		EB	Vali	Ionescu	ROU	Shizuoka	3	5	1987
14.16i		WB	Inna	Lasovskaya	URS	Moskva	15	1	1989
			(mark not included in IAAF WR/WB progression)						
14.45i		WB	Galina	Chistyakova	URS	Lipetsk	29	1	1989
13.74	+1.7	EB	Tatyana	Fyodorova	URS	Sochi	14	5	1989
13.89	-0.6	EB	Galina	Chistyakova	URS	Stockholm (att.2)	3	7	1989
14.52	+0.4	WB	Galina	Chistyakova	URS	Stockholm (att.3)	3	7	1989
14.95	-0.2	WR	Inessa	Kravets	URS	Moskva	10	6	1991
14.97	+0.9	WR	Iolanda	Chen	RUS	Moskva	18	6	1993
15.09	+0.5	WR	Anna	Biryukova	RUS	Stuttgart	21	8	1993
15.50	+0.9	WR	Inessa	Kravets	UKR	Göteborg	10	8	1995

### Peso / Shot Put

6.50		WB	Suzanne	Liébrard	FRA	Paris (PB)	13	5	1917
6.50 (5k)		WB	Helene	Rittenauer	AUT	Wien	2	12	1917
7.50 (5k)		WB	Maria	Sekora	AUT	Wien	28	4	1918
8.30 (5k)		WB	Luise	Cron	GER	Frankfurt/Main	29	5	1919
8.75		WB	Violette	Gouraud-Morris	FRA	Paris (JB)	29	6	1919
8.85 (5k)		WB	Thea	Barschow	GER	Hamburg (maybe Sept.)	1	8	1920
9.04		WB	Violette	Gouraud	FRA	Colombes (MC)	19	6	1921
9.31		WB	Violette	Gouraud	FRA	Abbeville	24	7	1921
9.42		WB	Violette	Gouraud	FRA	Colombes (MC)	25	6	1922
			(mark not included in IAAF WR/WB progression) (other sources: 8P/3.63k)						
9.71 (5k)		WB	Martha	Grasse	GER	Berlin	27	8	1922
10.20 (5k)		WB	Alma	Höppner	GER	Düsseldorf	11	5	1924
			(mark not included in IAAF WR/WB progression)						
FSFI									
10.15		WR	Violette	Morris	FRA	Paris (P)	14	7	1924
10.21 (5k)		WB	Martha	Grasse	GER	Hannover	31	8	1924
10.68		WB	Violette	Morris	FRA	Colombes (MC)	12	7	1925
10.84		WR	Ruth	Lange	GER	Praha	28	5	1927
10.86		WB	Grete	Heublein	GER	Lennepe	29	5	1927
11.18		WB	Ruth	Lange	GER	Breslau (att.1)	6	8	1927
11.32		WR	Ruth	Lange	GER	Breslau (att.2)	6	8	1927
11.37		WB	Ruth	Lange	GER	Berlin	4	9	1927
11.52		WR	Ruth	Lange	GER	Berlin	3	6	1928
12.51		WB	Grete	Heublein	GER	Wuppertal	22	6	1928
11.96		WR	Grete	Heublein	GER	Berlin	15	7	1928
12.85		WR	Grete	Heublein	GER	Frankfurt/Main	21	7	1929
12.88		WB	Tilly	Fleischer	GER	Frankfurt/Main	24	8	1930
12.88		WR	Grete	Heublein	GER	Paris (P)	28	6	1931
13.10		WB	Grete	Heublein	GER	Duisburg	12	7	1931
13.16		WB	Grete	Heublein	GER	Barmen	19	7	1931
13.19		WB	Grete	Heublein	GER	Bielefeld (att.1)	16	8	1931
13.27		WB	Grete	Heublein	GER	Bielefeld (att.2)	16	8	1931
13.70		WR	Grete	Heublein	GER	Bielefeld (att.4)	16	8	1931

IAAF

14.38	WR	Gisela	Mauermayer	GER	Warszawa	15	7	1934
14.51	(WB)	Tatyana	Sevryukova	URS	Frunze	9	10	1945
14.89	(WB)	Tatyana	Sevryukova	URS	Frunze	14	10	1945
14.59	WR	Tatyana	Sevryukova	URS	Moskva	4	8	1948
14.86	WR	Klavdiya	Tochonova	URS	Tbilisi	30	10	1949
15.02	WR	Anna	Andreyeva	URS	Ploesti	9	11	1950
15.19	WB	Galina	Zybina	URS	Vyborg	30	6	1952
15.28	WR	Galina	Zybina	URS	Helsinki	26	7	1952
15.37	WR	Galina	Zybina	URS	Frunze	20	9	1952
15.42	WR	Galina	Zybina	URS	Frunze	1	10	1952
15.47i	WB	Galina	Zybina	URS	Leningrad	1	3	1953
16.00	WB	Galina	Zybina	URS	Leningrad (att.1)	17	5	1953
16.10	WB	Galina	Zybina	URS	Leningrad (att.2)	17	5	1953
16.18	WB	Galina	Zybina	URS	Leningrad (att.3)	17	5	1953
16.20	WR	Galina	Zybina	URS	Malmö	9	10	1953
16.28	WR	Galina	Zybina	URS	Kiev	14	9	1954
16.29	WR	Galina	Zybina	URS	Leningrad	5	9	1955
16.32	WB	Galina	Zybina	URS	Tashkent	24	10	1955
16.45	WB	Galina	Zybina	URS	Stalinabad	8	11	1955
16.67	WR	Galina	Zybina	URS	Tbilisi	15	11	1955
16.76	WR	Galina	Zybina	URS	Tashkent	13	10	1956
17.25	WR	Tamara	Press	URS	Nalchik	26	4	1959
17.42	WR	Tamara	Press	URS	Moskva	16	7	1960
17.78	WR	Tamara	Press	URS	Moskva	13	8	1960
18.55	WR	Tamara	Press	URS	Leipzig	10	6	1962
18.55	WR	Tamara	Press	URS	Beograd	12	9	1962
18.59	WR	Tamara	Press	URS	Kassel	19	9	1965
18.67	WR	Nadezhda	Chizhova	URS	Sochi	28	4	1968
18.87	WR	Margitta	Gummel	GDR	Frankfurt/Oder	22	9	1968
19.07	WR	Margitta	Gummel	GDR	Ciudad de México (att.3)	20	10	1968
19.61	WR	Margitta	Gummel	GDR	Ciudad de México (att.5)	20	10	1968
19.72	WR	Nadezhda	Chizhova	URS	Moskva	30	5	1969
20.09	WR	Nadezhda	Chizhova	URS	Chorzów	13	7	1969
20.10	WR	Margitta	Gummel	GDR	Ost Berlin	11	9	1969
20.10	WR	Nadezhda	Chizhova	URS	Pireás (att.1) (Eur.Ch.Athína)	16	9	1969
20.43	WR	Nadezhda	Chizhova	URS	Pireás (att.5) (Eur.Ch.Athína)	16	9	1969
20.43	WR	Nadezhda	Chizhova	URS	Moskva	29	8	1971
20.63	WR	Nadezhda	Chizhova	URS	Sochi	19	5	1972
21.03	WR	Nadezhda	Chizhova	URS	München	7	9	1972
21.20	WR	Nadezhda	Chizhova	URS	Lvov	28	8	1973
21.45	WR	Nadezhda	Chizhova	URS	Varna	29	9	1973
21.57	WR	Helena	Fibingerová	TCH	Gottwaldov	21	9	1974
21.58	WB	Marianne	Adam	GDR	Ost Berlin (att.1)	6	8	1975
21.60	WR	Marianne	Adam	GDR	Ost Berlin (att.3)	6	8	1975
21.67	WR	Marianne	Adam	GDR	Karl-Marx-Stadt	30	5	1976
21.87	WR	Ivanka	Khristova	BUL	Belmeken	3	7	1976
21.89	WR	Ivanka	Khristova	BUL	Belmeken	4	7	1976
21.99	WR	Helena	Fibingerová	TCH	Opava	26	9	1976
22.50i	WB	Helena	Fibingerová	TCH	Jablonec	19	2	1977
22.32	WR	Helena	Fibingerová	TCH	Nitra	20	8	1977
22.36	WR	Ilna	Slupianek	GDR	Celje	2	5	1980
22.45	WR	Ilna	Slupianek	GDR	Potsdam	10	5	1980
22.53	WR	Natalya	Lisovskaya	URS	Sochi	27	5	1984



22.60	WR	Natalya	Lisovskaya	URS	Moskva (att.1)	7	6	1987
22.63	WR	Natalya	Lisovskaya	URS	Moskva (att.4)	7	6	1987

## Disco / Discus

a) with 1.5kg implement:

18.79	WB	Irene	Neumann	AUT	Wien	11	11	1917
18.95	WB	Hilda	Müller	AUT	Wien	15	6	1919
19.65	WB	Hilda	Müller	AUT	Wien	7	9	1919
20.14	WB	Hilda	Müller	AUT	Wien	15	5	1920
20.51	WB	Hilda	Müller	AUT	Wien	29	6	1920
20.59	WB	Hilda	Müller	AUT	Wien	11	7	1920
21.09	WB	Hilda	Müller	AUT	Wien	19	9	1920
21.50	WB	Bertha	Röske	GER	Frankfurt/Main	1	5	1921
23.78	WB	Gertrud	Böhringer	GER	München	19	6	1921
26.20	WB	Hilda	Müller	AUT	Wien	24	7	1921
29.11	WB	Martha	Grasse	GER	Berlin	17	9	1922
32.33	WB	Milly	Reuter	GER	Frankfurt/Main (other version day: 26)	21	9	1925

b) with 1kg implement:

FSFI									
27.39	WR	Yvonne	Tembouret	FRA	Paris (P)	23	9	1923	
27.70	WR	Lucie	Petit	FRA	Paris (P)	14	7	1924	
28.32	WR	Lisette	Petré	BEL	Bruxelles (other sources: 0.8/0.85k)	21	7	1924	
					(in IAAF WR/WB progression appears Lucie Petit-Daigré with this mark)				
30.10	98-9	WB	Violette	Morris	FRA	London (SB)	4	8	1924
30.22		WR	Lucienne	Velu	FRA	Paris (P)	14	9	1924
31.23		WB	Halina	Konopacka	POL	Warszawa	10	5	1925
33.40	(extra trial)	WB	Halina	Konopacka	POL	Warszawa (not accepted as WR)	21	6	1925
31.15		WR	Marie	Vidlakova	TCH	Praha	11	10	1925
33.01		WB	Milly	Reuter	GER	Frankfurt/Main	13	5	1926
34.15	(extra trial)	WR	Halina	Konopacka	POL	Warszawa (accepted as WR)	23	5	1926
34.90		WB	Halina	Konopacka	POL	Warszawa	8	8	1926
38.28		WB	Milly	Reuter	GER	Braunschweig	22	8	1926
38.34		WR	Milly	Reuter	GER	Braunschweig	22	8	1926
39.18		WR	Halina	Konopacka	POL	Warszawa	4	9	1927
39.62		WR	Halina	Konopacka	POL	Amsterdam	31	7	1928
39.76		WB	Jadwiga	Wajs	POL	Lódź	8	5	1932
40.34		WR	Jadwiga	Wajs	POL	Pabianice	15	5	1932
40.39		WR	Jadwiga	Wajs	POL	Lódź	16	5	1932
40.84		WR	Grete	Heublein	GER	Hagen	19	6	1932
42.43		WR	Jadwiga	Wajs	POL	Lódź	19	6	1932
42.56		WB	Jadwiga	Wajs	POL	Pabianice	3	5	1933
43.08		WR	Jadwiga	Wajs	POL	Królewska Huta (not Pabianice, day 5)	15	7	1933
43.08		WB	Jadwiga	Wajs	POL	Londres(WC)	11	8	1934
43.79	14-8-1/4	WR	Jadwiga	Wajs	POL	London (WC)	11	8	1934
44.19		WB	Jadwiga	Wajs	POL	Bruxelles (Schaerbeek)	15	8	1934
44.34		WR	Gisela	Mauermayer	GER	Ulm	2	6	1935
44.51		WB	Gisela	Mauermayer	GER	Nürnberg (att.3)	4	6	1935
44.76		WR	Gisela	Mauermayer	GER	Nürnberg (att.6)	4	6	1935
44.77		WB	Gisela	Mauermayer	GER	München	23	6	1935
45.53		WR	Gisela	Mauermayer	GER	München	23	6	1935
46.97		WB	Gisela	Mauermayer	GER	Jena (Q)	29	6	1935
46.10		WR	Gisela	Mauermayer	GER	Jena (f)	29	6	1935
47.12		WR	Gisela	Mauermayer	GER	Dresden	25	8	1935
47.12		WB	Gisela	Mauermayer	GER	München (att.5)	14	6	1936
47.99		WB	Gisela	Mauermayer	GER	München (att.6)	14	6	1936

IAAF									
48.31	WR	Gisela	Mauermayer	GER	Berlin		11	7	1936
49.11	(WB)	Nina	Dumbadze	URS	Moskva		18	9	1939
49.54	(WB)	Nina	Dumbadze	URS	Tbilisi		29	10	1939
49.88	(WB)	Nina	Dumbadze	URS	Moskva		14	8	1944
50.50	(WB)	Nina	Dumbadze	URS	Sarpsborg		29	8	1946
53.25	WR	Nina	Dumbadze	URS	Moskva		8	8	1948
53.37	WR	Nina	Dumbadze	URS	Gori		27	5	1951
53.61	WR	Nina	Romashkova	URS	Odessa		9	8	1952
57.04	WR	Nina	Dumbadze	URS	Tbilisi		18	10	1952
57.15	WR	Tamara	Press	URS	Roma		12	9	1960
57.43	WR	Tamara	Press	URS	Moskva		15	7	1961
58.06	WR	Tamara	Press	URS	Sofia		1	9	1961
58.98	WR	Tamara	Press	URS	London (WC)		20	9	1961
59.29	WR	Tamara	Press	URS	Moskva		18	5	1963
59.70	WR	Tamara	Press	URS	Moskva		11	8	1965
61.26	WR	Liesel	Westermann	FRG	São Paulo		5	11	1967
61.64	WR	Christine	Spielberg	GDR	Regis Breitingen		26	5	1968
62.54	WR	Liesel	Westermann	FRG	Werdohl		24	7	1968
62.70	WR	Liesel	Westermann	FRG	Ost Berlin		18	6	1969
63.96	WR	Liesel	Westermann	FRG	Hamburg		27	9	1969
64.22	WR	Faina	Melnik	URS	Helsinki		12	8	1971
64.88	WR	Faina	Melnik	URS	München		4	9	1971
65.42	WR	Faina	Melnik	URS	Moskva		31	5	1972
65.48	WR	Faina	Melnik	URS	Augsburg		24	6	1972
66.76	WR	Faina	Melnik	URS	Moskva		4	8	1972
67.32	WR	Argentina	Menis	ROU	Constanța		23	9	1972
67.44	WR	Faina	Melnik	URS	Riga		25	5	1973
67.58	WR	Faina	Melnik	URS	Moskva		10	7	1973
69.48	WR	Faina	Melnik	URS	Edinburgh		7	9	1973
69.90	WR	Faina	Melnik	URS	Praha		27	5	1974
70.20	WR	Faina	Melnik	URS	Zürich		20	8	1975
70.50	WR	Faina	Melnik	URS	Sochi		24	4	1976
70.72	WR	Evelin	Jahl	GDR	Dresden		12	8	1978
71.50	WR	Evelin	Jahl	GDR	Potsdam		10	5	1980
71.80	WR	Maria	Vergova	BUL	Sofia		13	7	1980
73.26	WR	Galina	Savinkova	URS	Leselidze (Soviet source day: 21)		22	5	1983
73.36	WR	Irina	Meszynski	GDR	Praha		17	8	1984
74.56	WR	Zdeňka	Šilhavá	TCH	Nitra		26	8	1984
76.80	WR	Gabriele	Reinsch	GDR	Neubrandenburg		9	7	1988

### Martillo / Hammer

17.03	WB	Lucinda	Moles	ESP	Madrid		29	6	1931
18.58	WB	Aurora	Villa	ESP	Madrid		18	10	1931
22.85	WB	Margarita	Moles	ESP	Madrid		19	6	1932
32.08	WB	Rosemary	Payne	GBR	Leicester		20	7	1975
32.94	WB	Liselotte	Hansen	DEN	Nyköbing		31	7	1980

36.72	WB	Liselotte	Hansen .....?	DEN	Nyköbing	19	8	1981
58.26	WB	Lyubov	Vasilyeva	URS	Moskva	1	5	1988
58.84	EB	Lyubov	Vasilyeva	URS	Moskva (unconfirmed?)	7	8	1988
58.98	WB	Lyubov	Vasilyeva	URS	Vilnius	28	8	1988
59.04	EB	Olena	Rogachevska	URS	Kiev	29	6	1989
59.86	EB	Yelena	Lapina	URS	Moskva	20	8	1989
61.50	WB	Yelena	Pichugina	URS	Frunze	30	9	1989
61.96	WB	Larisa	Baranova	URS	Adler	11	2	1990
62.70	WB	Alla	Fyodorova	URS	Adler	9	2	1991
63.08	WB	Larisa	Shtyrogrshnaya	URS	Adler (att.4)	24	2	1991
64.44	WB	Alla	Fyodorova	URS	Adler (att.4)	24	2	1991
64.44	WB	Olga	Kuzenkova	RUS	Rostov-na-Donu	17	5	1992
65.40	WB	Olga	Kuzenkova	RUS	Bryansk	4	6	1992
66.84	WR	Olga	Kuzenkova	RUS	Adler	23	2	1994
67.34	WB	Svetlana	Sudak	BLR	Minsk	5	6	1994
66.86	WR	Mihaela	Melinte	ROU	Bucuresti	4	3	1995
67.08	WR	Olga	Kuzenkova	RUS	Moskva	24	5	1995
68.14	WR	Olga	Kuzenkova	RUS	Moskva	5	6	1995
68.16	WR	Olga	Kuzenkova	RUS	Moskva	18	6	1995
69.46	WB	Olga	Kuzenkova	RUS	Sydney	17	2	1996
69.42	WR	Mihaela	Melinte	ROU	Cluj	12	5	1996
69.58	WR	Mihaela	Melinte	ROU	Bucuresti	8	3	1997
70.78	WB	Olga	Kuzenkova	RUS	Smolensk	11	6	1997
71.22	WR	Olga	Kuzenkova	RUS	München (att.1)	22	6	1997
73.10	WR	Olga	Kuzenkova	RUS	München (att.2)	22	6	1997
73.80	WB	Olga	Kuzenkova	RUS	Togliatti	15	5	1998
73.14	WR	Mihaela	Melinte	ROU	Poiana Brasov	16	7	1998
75.29	WR	Mihaela	Melinte	ROU	Clermont-Ferrand (att.5)	13	5	1999
75.97	WR	Mihaela	Melinte	ROU	Clermont-Ferrand (att.6)	13	5	1999
76.05	WR	Mihaela	Melinte	ROU	Rüdlingen (att.4)	29	8	1999
76.07	WR	Mihaela	Melinte	ROU	Rüdlingen (att.5)	29	8	1999
77.06	WR	Tatyana	Lysenko	RUS	Moskva	15	7	2005
77.26	WR	Gulfiya	Khanafeyeva	RUS	Tula	12	6	2006
77.41	WR	Tatyana	Lysenko	RUS	Zhukovsky	24	6	2006
77.80	WR	Tatyana	Lysenko	RUS	Tallinn	15	8	2006
77.96	WR	Anita	Włodarczyk	POL	Berlin	22	8	2009
78.30	WR	Anita	Włodarczyk	POL	Bydgoszcz	6	6	2010
79.42	WR	Betty	Heidler	GER	Halle	21	5	2011
79.58	WR	Anita	Włodarczyk	POL	Berlin	31	8	2014
81.08	WR	Anita	Włodarczyk	POL	Cetniewo	01	8	2015
82.29	WR	Anita	Włodarczyk	POL	Río de Janeiro	15	8	2016
82.98	WR	Anita	Włodarczyk	POL	Warszawa	28	8	2016

### Jabalina / Javelin

a) with 800g implement:

17.99	WB	Anna	Kuparinen	FIN	Sakkola	4	7	1909
21.03	WB	Anna	Perninen	FIN	Karkola	5	8	1911
22.23	WB	Lisie	Nystrom	FIN	Karkola	...	...	1913
22.69	WB	Sandra	Kipaila	FIN	Lahti	31	8	1913
28.84	WB	Sandra	Kipaila	FIN	Padasjoki	5	7	1914

b) with 600g implement:

30.45	WB	Martta	Uotila	FIN	Urajala	13	8	1916
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FSFI									
25.01	WR	Božena	Šrámková	TCH	Praha		6	8	1922
25.32	WR	Božena	Šrámková	TCH	Praha		13	8	1922
27.24	WR	Marie	Janderová	TCH	Moravská Ostrava		25	5	1924
32.84	107-9 (800g)	Sophie	Eliott-Lynn	GBR	London (Wo)		28	6	1924
		(this mark is considered as unconfirmed in some sources)							
33.27	WB	Hanna	Kekäläinen	FIN	Helsinki (other version: 33.37)		13	6	1925
34.48 (800g)	EB	Liesel	Schumann	GER	Köln		11	7	1926
34.85 (800g) (free style?)	EB	Kamila	Olmerová	TCH	Brno		8	8	1926
37.57	WR	Guschi	Hargus	GER	Berlin		12	6	1927
38.36	EB	Guschi	Hargus	GER	Bremen		30	6	1928
39.04	EB	Liesel	Schumann	GER	Hamborn		3	7	1928
		(mark cited by IAAF but not included in German progression). Other marks cited by IAAF: 3 of Schumann -38.40 in 1928, 38.58 & 38.87 in 1929- & other -39.01- of Thea Kurze GER in 1930.							
38.39	WR	Guschi	Hargus	GER	Berlin		18	8	1928
40.27	EB	Ellen	Braumüller	GER	Berlin		12	7	1930
40.55	EB	Liesel	Schumann	GER	Leipzig		17	8	1930
42.32	WB	Liesel	Schumann	GER	Praha (IAAF erroneous month: Aug.)		8	9	1930
		(IAAF not WR, wind-assistance) (2nd: 40.99 Augustine Hargus GER, before or after?)							
42.28	WR	Ellen	Braumüller	GER	Magdeburg		2	8	1931
44.64	WR	Ellen	Braumüller	GER	Berlin		12	6	1932
IAAF									
44.64	EB	Ellen	Braumüller	GER	Berlin		19	5	1935
45.22	EB	Lisa	Gelius	GER	München		14	6	1936
		(44.69 Herma Bauma AUT Bratislava, made on the same date, before of after?)							
45.27	EB	Luise	Krüger	GER	Köln		21	6	1936
45.71	ER	Herma	Bauma	AUT	Wien		11	7	1936
45.74	EB	Lisa	Gelius	GER	Saarbrücken		11	9	1938
46.27	ER	Luise	Krüger	GER	Dresden		13	8	1939
47.24	WR	Anneliese	Steinheuer	GER	Frankfurt/Main		21	6	1942
48.39	(WB)	Lyudmila	Anokina	URS	Kiev		15	9	1945
48.21	WR	Herma	Bauma	AUT	Wien		29	6	1947
50.32	(WB)	Klavdiya	Mayuchaya	URS	Moskva		23	9	1947
48.63	WR	Herma	Bauma	AUT	Wien		12	9	1948
49.59	WR	Natalya	Smirnitskaya	URS	Moskva		25	7	1949
53.41	WR	Natalya	Smirnitskaya	URS	Moskva		5	8	1949
53.56	WR	Nadezhda	Konyayeva	URS	Leningrad		5	2	1954
55.11	WR	Nadezhda	Konyayeva	URS	Kiev		22	5	1954
55.48	WR	Nadezhda	Konyayeva	URS	Kiev		6	8	1954
55.73	WR	Dana	Zatopková	TCH	Praha		1	6	1958
56.02	ER	Dana	Zatopková	TCH	Stockholm		19	8	1958
57.49	WR	Birute	Zalogaityte	URS	Tbilisi		30	10	1958
57.92	WR	Elvira	Ozolina	URS	Leselidze		3	5	1960
59.55	WR	Elvira	Ozolina	URS	Bucuresti		4	6	1960
59.78	WR	Elvira	Ozolina	URS	Moskva		3	7	1963
61.38	WB	Elvira	Ozolina	URS	Kiev		27	8	1964
62.40	WR	Yelena	Gorchakova	URS	Tokyo		16	10	1964
62.70	WR	Ewa	Gryziecka	POL	Bucuresti		11	6	1972
65.06	WR	Ruth	Fuchs	GDR	Potsdam		11	6	1972

66.10	WR	Ruth	Fuchs	GDR	Edinburgh (IAAF version: 66.11)	7	9	1973
67.22	WR	Ruth	Fuchs	GDR	Roma	3	9	1974
69.12	WR	Ruth	Fuchs	GDR	Ost Berlin	10	7	1976
69.16	ER	Ruth	Fuchs	GDR	Praha	1	9	1978
69.52	WR	Ruth	Fuchs	GDR	Dresden	13	6	1979
69.96	WR	Ruth	Fuchs	GDR	Split	29	4	1980
70.08	WR	Tatyana	Biryulina	URS	Podolsk	12	7	1980
71.88	WR	Antoaneta	Todorova	BUL	Zagreb	15	8	1981
72.40	WR	Tiina	Lillak	FIN	Helsinki	29	7	1982
74.20	WR	Sofia	Sakorafa	GRE	Chania	26	9	1982
74.76	WR	Tiina	Lillak	FIN	Tampere	13	6	1983
75.26	WR	Petra	Felke	GDR	Schwerin (att.2)	4	6	1985
75.40	WR	Petra	Felke	GDR	Schwerin (att.4)	4	6	1985
77.44	WR	Fatima	Whitbread	GBR	Stuttgart	28	8	1986
78.90	WR	Petra	Felke	GDR	Leipzig	29	7	1987
80.00	WR	Petra	Felke	GDR	Potsdam	9	9	1988

#### New specifications

60.92	WB	Nikola	Tomečková	CZE	Potchefstroom	5	2	1999
63.55	WB	Mirela	Tzelili	GRE	Athína	16	5	1999
63.63	WB	Taina	Uppa	FIN	Elimaki	29	5	1999
64.82	WB	Trine	Hattestad	NOR	Florø	29	5	1999
64.99	WB	Mirela	Tzelili	GRE	Athína	5	6	1999
65.44	WB	Tanja	Damaske	GER	Paris (Ch)	19	6	1999
65.49	WB	Trine	Hattestad	NOR	Kuortane	26	6	1999
66.91	WB	Tanja	Damaske	GER	Erfurt	4	7	1999
67.61	WB	Trine	Hattestad	NOR	Bergen (Fana) (att.2)	28	7	1999
68.19	WB	Trine	Hattestad	NOR	Bergen (Fana) (att.6)	28	7	1999
Note: According to ATFS 2000, p.21, there was no drug testing.								
67.09	WR?	Mirela	Tzelili	GRE	Sevilla (not mentioned by IAAF)	28	8	1999
68.22	WR	Trine	Hattestad	NOR	Roma	30	6	2000
69.48	WR	Trine	Hattestad	NOR	Oslo	28	7	2000
70.03	ER	Christina	Obergföll	GER	Helsinki	14	8	2005
70.20	ER	Christina	Obergföll	GER	München	23	6	2007
70.78	ER	Maria	Abakumova	RUS	Beijing (att.4)	21	8	2008
71.42	ER	Barbora	Špotáková	CZE	Beijing (att.6)	21	8	2008
72.28	WR	Barbora	Špotáková	CZE	Stuttgart	13	9	2008

#### 4x100m

Note 1: y = 4x110 yards (100.58 metres).

Note 2: Includes alternative progression, with winning times, in case the EB is estimated.

Note 3: There is much confusion concerning the marks from the period 1926-1930 (times appear in even tenths; in uneven tenths, rounded; and in uneven tenths, not rounded). The records for clubs and the records for national teams are all mixed up. With the exception of the winning ones, marks are mostly estimated.

62.1/5	WB	Maaria Pyrkiva / FIN Salo, Malm, Vilhelmsson, Koskinen		Turku		9	8	1908
60.0	WB	Helsingin Jyry / FIN ..... ?		Helsinki		8	8	1909
58.8	WB	Turun Urheiluliitto / FIN Sandström, Nyström, Vilhelmsson, Salminen		Turku		23	7	1911
58.2	WB	Turun Urheiluliitto / FIN ..... ?		Turku		15	6	1913
56.9	WB	Turun Riento / FIN Lindvall, Rantanen, Nyman, Sandström		Turku		14	9	1913

56.8	WB	Liedon Parma / FIN H.Arosuo, A.Arosuo, F.Arosuo, Simola	Turku	5 7 1914
55.6	WB	Turun Urheiluliitto / FIN Svensson, Kanerva, Nyström, Mauritsson	Turku	4 7 1915
55.1/5	WB	Frankfurt Team / GER Brenner, Schmidt, Weisshaupt, Fiebig	Frankfurt/Main	17 8 1919
55.1/5y	WB	Women's Royal Air Force /GBR Betts, Bultie, Smith, Wrenn	London (SB)	4 9 1919
55.0	WB	Turnerbund Elbeck Hamburg /GER .....?, Lewe, .....?, Seeliger	Hamburg	13 6 1920
54.0	WB	TSV München 1860 /GER .....?, Bauer, Heiss, Kiessling (mark not included in IAAF WR/WB progression)	München	18 7 1920
53.3	WB	TSV München 1860 / GER Bauer, Rädler, Heiss, Kiessling (mark not included in IAAF WR/WB progression)	Stuttgart	1 8 1920
53.3	WB	TSV München 1860 / GER Bauer, Radler, Heiss, Kiessling	Dresden (h2)	14 8 1920
53.0	WB	TSV München 1860 / GER Bauer, Radler, Heiss, Kiessling	Dresden (f)	14/15 8 1920
53.0	WB	TV Frankfurt 1860 / GER Born, Bühlmaier, Theimann, Cron	Frankfurt/Main	12 6 1921
52.9	WB	TV Frankfurt 1860 / GER Born, Theimann, Cron, Bühlmaier	Frankfurt/Main	26 6 1921
52.9	WB	TV Frankfurt 1860 / GER Born, Theimann, Cron, Bühlmaier (mark not included in IAAF WR/WB progression)	München	17 7 1921
52.1	WB	TSV München 1860 / GER Heiss, Radler, Bauer, Kiessling	Hamburg	20 8 1921
51.4/5y	WB	GBR Garton, Hatt, Cast, Lines	Paris (P)	30 10 1921
FSFI				
53.1/5	WR	TCH Mejzliková I, Bakovská, Jirásková, Mejzliková II	Paris (P)	21 5 1922
51.2/5+	WR	GBR Lines, Callebout, Leach, Porter	Paris (P) (51.4/5y)	20 8 1922
51.3	EB	ATSV-Auswal / GER Dittmar, Rau, Hochholzer, Hipler	Frankfurt/Main	28 7 1925
50.4	WR	Berliner SC / GER Henoeh, Köhler, Pötting, Voss	Köln (50.3)	10/11 7 1926
50.1/5y	WB	GBR Scouler, Haynes, Edwards, Thompson	Göteborg (h1)	29 8 1926
49.4/5y	WR	GBR Scouler, Haynes, Edwards, Thompson	Göteborg (f)	29 8 1926
49.8	WB	GER Kellner, Holdmann, Haux, Junker	Braunschweig	10 6 1928
48.8	WB	GER Kellner, L. Schmidt, Holdmann, Junker (two watches only, mark not included in IAAF WR/WB progression)	Berlin	14 7 1928
49.8	WR	TSV München 1860 / GER Kellner, Holzer, Karrer, Gelius	Berlin (49.7)	15 7 1928
49.0 e	EB	GER Kellner, Schmidt, Holdmann, Junker	Amsterdam	5 8 1928
49.7	EB	GBR Thompson, Matthews, Haynes, Ridgley	Berlin	18 8 1928
49.0 (WR for clubs)	ER	SG Eintracht Frankfurt / GER Fleischer, Lorenz, Haux, Köhler	Mannheim	30 6 1929
49.0 (WR for clubs)	ER	TSV München 1860 / GER	Frankfurt/Main	21 7 1929

48.7	EB	Kellner, Holzer, Karrer, Gelius GBR	Düsseldorf	18	8	1929
48.8 (WR for clubs)	ER	Thompson, Hiscock, Ridgley, Walker TSV München 1860 / GER	Nürnberg	20	7	1930
48.5	EB	Kellner, Holzer, Karrer, Gelius GBR	Hannover	23	8	1931
47.6	EB	Cornell, Walker, Johnson, Halstead GBR	Los Angeles	7	8	1932
47.5	EB	Hiscock, Porter, Webb, Halstead GBR				
46.7	WB	GER	Lennepe	24	6	1934
46.5	WR	Albus, Krauss, Dollinger, Dörfeldt GER	Köln (race-1)	21	6	1936
IAAF						
46.4	WR	Albus, Krauss, Dollinger, Dörfeldt GER	Köln (race-2)	21	6	1936
46.3	EB	FRG	Berlin	8	8	1936
45.9	WR	Knab, Sander, Klein, Petersen FRG	Helsinki (h3/46.42)	27	7	1952
45.6	WR	Knab, Sander, Klein, Petersen FRG	Helsinki (f/46.18)	27	7	1952
45.6	WR	URS	Budapest	20	9	1953
45.2	WR	Kalashnikova, Safronova, Dvalishvili, Turova URS	Moskva	11	9	1955
45.2	WB	Polinichenko, Vinogradova, Safronova, Itkina URS	Kiev	27	7	1956
45.2	WB	Krepkina, Koshelyova, Itkina, Bochkaryova GDR	Erfurt	12	8	1956
45.1	WR	Henning, Stubnick, Köhler, Mayer GBR	Budapest	29	9	1956
44.9	WR	Pashley, Paul, Scrivens, Hoskin GER (FRG + GDR)	Dresden	30	9	1956
44.7	ER	Fisch, Stubnick, Köhler, Mayer GER (FRG + GDR)	Melbourne (h1/45.07)	1	12	1956
44.5	ER	Sander, Stubnick, Köhler, Mayer GBR	Melbourne (f/44.70)	1	12	1956
44.5	ER	Pashley, Scrivens, Paul, Armitage URS	Moskva	15	7	1961
44.5	ER	Krepkina, Maslovskaya, Itkina, Shchelkanova POL	Beograd	16	9	1962
44.5	EB	Ciepla, Piatkowska, Sobotta, Szykora FRG	Lódź	13	9	1964
44.0 a	EB	Meyer, Pollmann, Pensberger, Heine GBR	Tokyo (44.09)	21	10	1964
43.9	WR	Simpson, Rand, Arden, Hyman URS	Leninakan	16	8	1968
43.6	WR	Tkachenko, Bukharina, Popkova, Samotysova URS	Ciudad de México	27	9	1968
43.4 a	WR	Zharkova, Bukharina, Popkova, Samotysova NED	Cd.México (h2/43.49)	19	10	1968
43.4 a	ER	Van den Berg, Sterk, Hennipman, Bakker URS	Cd.México (f/43.41)	20	10	1968
43.4 a	EB	Zharkova, Bukharina, Popkova, Samotysova NED	Cd.México (f/43.44)	20	10	1968
		Van den Berg, Sterk, Hennipman, Bakker				



43.3 a	ER	FRG Schittenhelm, Helten, Irrgang, Mickler	Helsinki (43.28)	15	8	1971
42.9 a	ER	GDR Kaufer, Heinrich, Struppert, Stecher	München (h2/42.88)	9	9	1972
42.8 a	WR	FRG Krause, Mickler, Richter-Irrgang, Rosendahl	München (f/42.81)	10	9	1972
42.6	WR	GDR Kandarr, Stecher, Heinrich, Selmigkeit	Potsdam	1	9	1973
42.6	WR	GDR Maletzki, Stecher, Heinrich, Eckert	Ost Berlin (42.85)	24	8	1974
42.5 a	WR	GDR Maletzki, Stecher, Heinrich, Eckert	Roma (42.51)	8	9	1974
Automatic timing (11 times -46.42 ..... 42.51- already cited -in tenths & in hundredths in brackets- in previous list)						
47.32	EB	NED de Jong, Brouwer, Buch, Lust	Helsinki (h1)	27	7	1952
46.84	EB	GBR Cheeseman, Foulds, Desforges, Armitage	Helsinki (h2)	27	7	1952
46.42	EB	FRG Knab, Sander, Klein, Petersen	Helsinki (h3)	27	7	1952
46.18	EB	FRG Knab, Sander, Klein, Petersen	Helsinki (f)	27	7	1952
45.07	EB	GER (FRG + GDR) Sander, Stubnick, Köhler, Mayer	Melbourne (h1)	1	12	1956
44.70	EB	GBR Pashley, Scrivens, Paul, Armitage	Melbourne (f)	1	12	1956
44.09	EB	GBR Simpson, Rand, Arden, Hyman	Tokyo	21	10	1964
43.49	WB	NED Van den Berg, Sterk, Hennipman, Bakker	Ciudad de México (h2)	19	10	1968
43.41	EB	URS Zharkova, Bukharina, Popkova, Samotyosova	Ciudad de México (f)	20	10	1968
43.28	EB	FRG Schittenhelm, Helten, Irrgang, Mickler	Helsinki	15	8	1971
42.88	WB	GDR Kaufer, Heinrich, Struppert, Stecher	München (h2)	9	9	1972
42.81	WB	FRG Krause, Mickler, Richter-Irrgang, Rosendahl	München (f)	10	9	1972
42.51	WR	GDR Maletzki, Stecher, Heinrich, Eckert	Roma	8	9	1974
42.50	WR	GDR Oelsner, Stecher, Bodendorf, Blos	Karl-Marx-Stadt	29	5	1976
42.27	WR	GDR Klier, Hamann, Bodendorf, Göhr-Oelsner	Potsdam	19	8	1978
42.10	WR	GDR Koch, Schneider, Auerswald, Göhr	Karl-Marx-Stadt	10	6	1979
42.09	WR	GDR Brehmer, Müller-Schneider, Auerswald, Göhr	Torino	4	8	1979
42.09	WR	GDR Müller, Wöckel-Eckert, Auerswald, Göhr	Ost Berlin	9	7	1980
41.85	WR	GDR Müller, Wöckel, Auerswald, Göhr	Potsdam	13	7	1980
41.60	WR	GDR Müller, Wöckel, Auerswald, Göhr	Moskva	1	8	1980
41.53	WR	GDR Gladisch, Koch, Auerswald, Göhr	Ost Berlin	31	7	1983

41.37	WR	GDR Gladisch, Rieger, Auerswald, Göhr	Canberra	6 10 1985
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#### 4x400m

Note: y = 4x440 yards (402.34 metres).

4:09.6y	WB	Spartan Ladies AC /GBR Wooller, Robins, Hoskin, Cheeseman	Ilford	18 9 1954
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3:49.9y	WB	GBR Piercy, Jordan, Leather, Pirie	London (WC)	14 6 1958
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3:49.4	WB	Göteborgs KIK / SWE Nilsson, Bramer, Östberg, Ericson	Boras	5 8 1967
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3:47.0	WB	Göteborgs KIK / SWE Nilsson, Östberg, Ericson, Wallgren	Malmö	20 8 1968
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IAAF 3:47.4	WR	Moskva / URS Finogenova, Medvedeva, Voitenko, Klein	Moskva	30 5 1969
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3:43.2	WR	Latvia / URS Zagere, Dundare, Verbele, Shtula	Minsk	1 6 1969
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3:37.6	WR	GBR Pawsey, Attwood, Simpson, Board	London (CP)	22 6 1969
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3:34.2	WR	FRA Mombet, Jacq, Duclos, Besson	Colombes	6 7 1969
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3:33.9 a	WR	FRG Czekay, Gleichfeldt, Eckhoff, Frese	Pireás (Eur.Ch.Athína)	19 9 1969
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3:30.8 a	WR	GBR Stirling, Lowe, Simpson, Board	Pireás (E.C.At)(3:30.82)	20 9 1969
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3:30.8 a	WR	FRA Martin, Duclos, Jacq, Besson	Pireás (E.C.At)(3:30.85)	20 9 1969
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3:29.3 a	WR	GDR Kühne, Lohse, Seidler, Zehrt	Helsinki (3:29.28)	15 8 1971
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3:28.8	WR	GDR Käsling, Seidler, Zehrt, Rohde	Colombes	5 7 1972
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3:28.5 a	WR	GDR Käsling, Kühne, Seidler, Zehrt	München (3:28.48)	9 9 1972
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3:23.0 a	WR	GDR Käsling, Kühne, Seidler, Zehrt	München (3:22.95)	10 9 1972
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3:19.23	WR	GDR Maletzki, Rohde, Streidt, Brehmer	Montréal	31 7 1976
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3:19.04	WR	GDR Siemon, Busch, Rübsam, Koch	Athína	11 9 1982
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3:15.92	WR	GDR Walther, Busch, Rübsam, Koch	Erfurt	3 6 1984
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3:15.17	WR	URS Ledovskaya, Nazarova, Pinigina, Bryzgina	Seoul	1 10 1988
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#### Heptathlon

Note: The 4 first marks (Wiese ... Wedwing) not included in IAAF WR/WB progression (the 3 first -Wiese ...Jensen- were obtained in Nonathlon, with DT & 100m).

Change of order (same events): until 1982 the order was SP-HJ, from 1983 HJ-SP.

1971T 1985T

5016m	4727	WB	Alice	Wiese	DEN	Kalundborg	28-29 8 1972
15.2m - 1.58 - 11.67- 26.2m - 5.32 - 31.10 - 2.30.9m							



5063m	4787	WB	Margit Hansen	DEN	Lyngby	7-8	7	1973
			14.2m - 1.48 - 10.39 - 24.7m - 5.47 - 31.82 - 2.35.8m					
5301m	5049	WB	Lis Jensen	DEN	Odense	30-31	8	1975
			14.9m - 1.61 - 11.04 - 24.7m - 5.71 - 37.37 - 2.36.8m					
5377m	5166	WB	Angelika Wedwing	FRG	Gelsenkirchen (in a single day)	24	9	1978
			14.5m - 1.62 - 10.56 - 24.8m - 6.07 - 28.68 - 2.24.8m					
5831m	5654	WB	Liesel Albert	FRG	Dillingen	7-8	10	1978
			13.6m - 1.58 - 14.19 - 24.1m - 6.09 - 30.16 - 2.19.6m					
5784	5691	WB	Andrea Findeis	GDR	Zabrze	15-16	9	1979
			14.28 - 1.65 - 14.47 - 26.23 - 5.74 - 50.42 - 2:28.2					
5848m	5671	WB	Nadezhda Vinogradova	URS	Frunze	29-30	9	1979
			14.4m - 1.67 - 12.16 - 24.5m - 6.04 - 36.34 - 2:13.0m					
5878m	5730	WB	Sylvia Barlag	NED	Longwy	29-30	9	1979
			14.1m - 1.78 - 12.71 - 25.3m - 5.95 - 38.64 - 2:19.9m					
5922m	5777	WB	Tatyana Shpak	URS	Donetsk	29-30	5	1980
			13.8m - 1.75 - 12.61 - 24.7m - 6.15 - 32.60 - 2:16.5m					
6074m	5930	WB	Nina Golovina	URS	Pyatigorsk	12-13	7	1980
			14.0m - 1.71 - 15.23 - 24.0m - 6.09 - 29.20 - 2:11.3m					
6144	6096	WB	Yekaterina Gordiyenko	URS	Odessa	13-14	9	1980
			14.06 - 1.74 - 14.80 - 24.53 - 6.43 - 32.08 - 2:11.4					
6212	6181	WB	Nadezhda Vinogradova	URS	Kislovodsk	5-6	5	1981
			14.34 - 1.71 - 14.68 - 24.29 - 6.47 - 41.54 - 2:14.7					
6621	6670	WB	Ramona Neubert	GDR	Halle	23-24	5	1981
			13.58 - 1.80 - 14.75 - 23.70 - 6.82 - 40.98 - 2:07.55					
6716	6788	WR	Ramona Neubert	GDR	Kiev	27-28	6	1981
			13.70 - 1.86 - 15.41 - 23.58 - 6.82 - 40.62 - 2:06.72					
6773	6845	WR	Ramona Neubert	GDR	Halle	19-20	6	1982
			13.58 - 1.83 - 15.10 - 23.14 - 6.84w - 42.54 - 2:06.16					
6836	6935	WR	Ramona Neubert	GDR	Moskva	18-19	6	1983
			13.42 - 1.82 - 15.25 - 23.49 - 6.79 - 49.94 - 2:07.51					
6867	6946	WR	Sabine Paetz	GDR	Potsdam	5-6	5	1984
			12.64 - 1.80 - 15.37 - 23.37 - 6.86 - 44.62 - 2:08.93					
1985T								
7007		ER	Larisa Nikitina	URS	Bryansk	10-11	6	1989
			13.40 - 1.89 - 16.45 - 23.97 - 6.73w - 53.94 - 2:15.31					
7032		ER	Carolina Klüft	SWE	Osaka	25-26	8	2007
			13.15 - 1.95 - 14.81 - 23.38 - 6.85 - 47.98 - 2:12.56					

### 10km Marcha / Walk Ruta/Road

58:14		WB	Albertine Regel	FRA	Paris	11	11	1926	
56:26		WB	Margit Lindström	SWE	Stockholm	7	10	1934	
53:17		WB	Sandrah Holm	SWE	Uppsala	19	5	1935	
52:56		WB	Birgit Frisk	SWE	Almunge	21	6	1942	
51:32		WB	May Holmen	SWE	Mariestad	9	8	1942	
51:11		WB	Stina Lindberg	SWE	Gävle	23	8	1942	
50:29		WB	Stina Molin	SWE	Stockholm	13	8	1944	
			(never ratified as Swedish record because there were only one watch and not 3 as the rule says)						
51:04		WB	May Bengtsson	SWE	Göteborg	17	9	1944	
51:03		WB	Eivor Johansson	SWE	Hede	1	6	1972	
51:01		WB	Margareta Simu	SWE	Appelbo	24	6	1972	
49:04		WB	Margareta Simu	SWE	Appelbo	22	6	1975	

48:53	WB	Margareta	Simu	SWE	Appelbo	25	6	1978
48:40	WB	Thorill	Gylder	NOR	Søfteland	16	9	1978
47:24	WB	Thorill	Gylder	NOR	Våler	15	9	1979
46:46	EB	Lyudmila	Khrushchova	URS	Cherkassy	10	10	1982
46:46	EB	Rimma	Underova	URS	Cherkassy	10	10	1982
45:26	EB	Natalya	Sharypova	URS	Bergen	24	9	1983
44:52	WB	Olga	Krishtop	URS	Penza	5	8	1984
44:43	EB	Olga	Krishtop	URS	Penza	23	8	1986
44:38	EB	Irina	Strakhova	URS	Zhitomir	26	9	1986
43:22	WB	Olga	Krishtop	URS	New York	3	5	1987
42:16	EB	Alina	Ivanova	URS	Novopolotsk	27	5	1989
42:07	EB	Ileana	Salvador	ITA	Sesto San Giovanni	1	5	1992
42:03	EB	Yelena	Arshintseva	RUS	Adler	14	2	1993
41:46	WB	Anna-Rita	Sidoti	ITA	Livorno	12	6	1994
41:29	WB	Larisa	Ramazanova	RUS	Izhevsk	4	6	1995
41:04	WB	Yelena	Nikolayeva	RUS	Sochi	20	4	1996
Supplement - Short course								
41:30		Ileana	Salvador	ITA	Livorno	10	7	1993

## 20km Marcha / Walk Ruta/Road

World record were recognised in this event from 1.1.2004

2:24:00	WB	Antonie	Brixiová	TCH	Praha	6	9	1931
2:14:07	WB	Antonie	Odvarková	TCH	Praha	4	9	1932
1:59:02	WB	Lina	Aebersold	SUI	Zürich	9	6	1934
1:57:26	WB	Irma	Hansson	SWE	København	27	10	1963
1:54:30	WB	Irma	Hansson	SWE	København	22	10	1967
1:53:46	WB	Karen	Möller	DEN	København	27	10	1968
1:51:05	WB	Irma	Hansson	SWE	København	12	10	1969
1:47:10	WB	Margareta	Simu	SWE	København	22	9	1973
1:43:20	WB	Thorill	Gylder	NOR	Mixhuca	23	4	1978
1:40:45	EB	Irene	Bateman	GBR	Basildon	9	4	1983
1:36:37	EB	Ann	Jansson	SWE	Jalapa	7	4	1985
1:35:52	EB	Vera	Osipova	URS	Värnamo	9	5	1986
1:34:31	EB	Irina	Strakhova	URS	Värnamo	29	5	1987
1:32:33	EB	Nadezhda	Ryashkina	URS	Mogilov	4	9	1988
1:31:59	EB	Olga	Kardopoltseva	URS	Yevpatoriya	30	9	1989
1:30:42	EB	Olga	Kardopoltseva	URS	Kaliningrad	29	4	1990
1:28:13	EB	Erica	Alfridi	ITA	Cassino	9	3	1997
1:27:30	WB	Nadezhda	Ryashkina	RUS	Adler	7	2	1999
1:25:18	WB	Tatyana	Gudkova	RUS	Moskva	19	5	2000
1:24:50	WB	Olimpiada	Ivanova	RUS	Adler	4	3	2001
World Records - ratified by IAAF								
1:26:22	WR	Yelena	Nikolayeva	RUS	Cheboksary	18	05	2003



1:25:41	WR	Olimpiada	Ivanova	RUS	Helsinki	07	08	2005
1:25:08	WR	Vera	Sokolova	RUS	Sochi	26	2	2011
1:25:02	WR	Elena	Lashmanova	RUS	London	11	8	2012

## OTRAS PRUEBAS / OTHER EVENTS (sólo antiguas pruebas olímpicas - old olympic events only)

### 3000m

11:29+ e 1953	WB		Joan	Hall	GBR	London (TB) (2miles 12:05 WB)	30	5
10:56+ e	WB	Phyllis	Green	GBR	London (TB) (2miles 11:28.0 WB)	22	5	1954
10:55.2+ e	WB	Phyllis	Green	GBR	London (TB) (2miles 11:27.2 WB)	25	6	1955
10:25.8+ e	WB	Leila	Buckland	GBR	London (ChP) (2miles 11:01.8 WB)	27	8	1955
10:16.2+ e	WB	June	Bridgland	GBR	London (ChP) (2miles 10:52.2 WB)	25	8	1956
9:50.0	EB	Hannelore	Middecke	GDR	... ..	...	...	1966
9:48.0	EB	Gertrud	Schmidt	GDR	... ..	...	...	1966
9:42.8+	WB	Paola	Pigni	ITA	Formia (5000m 16:17.4 WB)	11	5	1969
9:38.0+	WB	Paola	Pigni	ITA	Milano (5000m 15:53.6 WB)	2	9	1969
9:23.4 a	WB	Joyce	Smith	GBR	London (CP) (9:23.40)	16	7	1971
9:09.2	WB	Paola	Pigni-Cacchi	ITA	Formia	11	5	1972
8:53.0	WB	Lyudmila	Bragina	URS	Moskva	12	8	1972
8:52.8 a	WR	Lyudmila	Bragina	URS	Durham, NC (8:52.74)	6	7	1974
8:46.6	WR	Grete	Andersen	NOR	Oslo	24	6	1975
8:45.4	WR	Grete	Waitz-Andersen	NOR	Oslo	21	6	1976
8:27.2 a	WR	Lyudmila	Bragina	URS	College Park, MD (8:27.12)	7	8	1976
8:26.78	WR	Svetlana	Ulmasova	URS	Kiev	25	7	1982
8:22.62	WR	Tatyana	Kazankina	URS	Leningrad	26	8	1984
8:21.64	ER	Sonia	O'Sullivan	IRL	London (CP)	15	7	1994
8:21.42	ER	Gabriela	Szabo	ROU	Monaco	19	7	2002
8:18.49	ER	Sifan	Hassan	NED	Eugene	30	6	2019

### 80m vallas / hurdles (0.762m)

Note: The distance used in early years was 83 metres (1st known mark was 16.0 S.Liebrard FRA 1918, other notable WB's: 13.4/5 G.Delapierre FRA 1921 & 13.0 L.Sychrová TCH 1926).

FSFI								
12.8	WR	Eva	Von Bredow	GER	Berlin	12	6	1927
12.6	WB	Ludmila	Sychrová	TCH	Praha (h)	1	7	1928
12.2	WR	Ludmila	Sychrová	TCH	Praha (f)	1	7	1928
12.2	WB	Muriel	Cornell	GBR	London (SB)	21	6	1930
12.1	WR	Maj	Jacobsson	SWE	Stockholm	2	9	1930
12.0	EB	Elsie	Green	GBR	London (SB)	11	7	1931
12.0	EB	Violet	Webb	GBR	Hannover	23	8	1931
11.9 e	EB	Violet	Webb	GBR	Los Angeles	4	8	1932
12.0	EB	Violet	Webb	GBR	Brentwood	5	6	1933
12.0	EB	Violet	Webb	GBR	St.Albans (same day)	5	6	1933
12.0	EB	Elsie	Green	GBR	London (RP)	1	7	1933
12.0	EB	Elsie	Green	GBR	London (WC) (h1)	15	7	1933
12.0	EB	Elsie	Green	GBR	London (WC) (f)	15	7	1933
12.0	EB	Trebisonda	Valla	ITA	Udine	8	10	1933



12.0		EB	Violet	Webb	GBR	Brentwood	21	5	1934
12.0		EB	Elsie	Green	GBR	London (HH)	30	6	1934
11.9		EB	Ruth	Engelhard	GER	Berlin	8	7	1934
11.8		EB	Ruth	Engelhard	GER	Nürnberg	28	7	1934
11.8		EB	Ruth	Engelhard	GER	London (WC) (sf1)	11	8	1934
IAAF									
11.6		WR	Ruth	Engelhard	GER	London (WC) (f)	11	8	1934
11.6 (w2.8)		WR	Trebisonda	Valla	ITA	Berlin (ratified as WR by IAAF)	5	8	1936
11.6		WR	Barbara	Burke	GBR	Berlin	1	8	1937
11.6 w?		WR	Lisa	Gelius	GER	Breslau (ratified as WR by IAAF)	30	7	1938
11.6		WB	Claudia	Testoni	ITA	Wien	17	9	1938
11.6		WB	Claudia	Testoni	ITA	Bergamo	25	6	1939
11.6		WB	Claudia	Testoni	ITA	Milano	2	7	1939
11.5		WB	Claudia	Testoni	ITA	Milano	16	7	1939
11.3		WR	Claudia	Testoni	ITA	Garmisch-Partenkirchen	23	7	1939
11.3		WR	Claudia	Testoni	ITA	Dresden	13	8	1939
11.3		WR	Fanny	Blankers-Koen	NED	Amsterdam	20	9	1942
11.3		WB	Fanny	Blankers-Koen	NED	Eindhoven	6	6	1948
11.3		WB	Fanny	Blankers-Koen	NED	Amsterdam	13	6	1948
11.0		WR	Fanny	Blankers-Koen	NED	Amsterdam	20	6	1948
11.0		EB	Maria	Golubnichaya	URS	Leningrad	30	8	1952
10.9		WR	Maria	Golubnichaya	URS	Kiev	3	8	1954
10.8		WR	Galina	Yermolenko	URS	Leningrad	5	7	1955
10.6	0.7	WR	Zenta	Gastl	FRG	Frechen	29	7	1956
10.6		WR	Galina	Bystrova	URS	Krasnodar	8	9	1958
10.6		WB	Gisela	Birkemeyer-Köhler	GDR	Ost Berlin (only two watches)	16	9	1959
10.6i		WB	Irina	Press	URS	Leningrad	12	3	1960
10.6		WR	Rimma	Kosheleva	URS	Tula	26	6	1960
10.6	1.9	WR	Gisela	Birkemeyer	GDR	Ost Berlin	16	7	1960
10.6		WR	Irina	Press	URS	Moskva	16	7	1960
10.5	1.8	WR	Gisela	Birkemeyer	GDR	Leipzig	24	7	1960
10.5	1.2	WR	Betty	Moore	GBR	Kassel	25	8	1962
10.5	0.2	WR	Karin	Balzer	GDR	Leipzig (pentathlon)	23	5	1964
10.5	1.2	WR	Irina	Press	URS	Kiev	9	8	1964
10.5	1.0	WR	Irina	Press	URS	Kiev	28	8	1964
10.5	1.8	WR	Draga	Stamejčič	YUG	Celje	5	9	1964
10.5	1.9	WB	Teresa	Ciepla	POL	Okoyama (unconfirmed?)	29	10	1964
(other version 10.6)									
10.5		EB	Irina	Press	URS	Kiev	13	7	1965
10.5		EB	Irina	Press	URS	Kiev	1	8	1965
10.5		EB	Gundula	Diel	GDR	Ost Berlin	4	9	1965
10.4	1.7	WR	Irina	Press	URS	Kassel	19	9	1965
10.4		WB	Irina	Press	URS	Alma-Ata	9	10	1965
10.3	1.6	WR	Irina	Press	URS	Tbilisi	24	10	1965
10.3	0.0	WR	Vera	Korsakova	URS	Rīga (h)	16	6	1968
10.2	0.0	WR	Vera	Korsakova	URS	Rīga (f)	16	6	1968
Automatic timing									
11.75	1.4	WB	Trebisonda	Valla	ITA	Berlin	6	8	1936
11.34		EB	Fanny	Blankers-Koen	NED	Helsinki (h2)	23	7	1952
11.29		EB	Maria	Golubnichaya	URS	Helsinki (h6)	23	7	1952
11.24		EB	Maria	Golubnichaya	URS	Helsinki (f)	24	7	1952

11.18	0.8	EB	Zenta	Gastl	FRG	Melbourne (h1)	27 11 1956
11.11	-0.6	EB	Gisela	Köhler	GDR	Melbourne (h3)	27 11 1956
10.93	0.8	EB	Gisela (IAAF version 11.08)	Köhler	GDR	Melbourne (sf1)	27 11 1956
10.91	-0.3	EB	Irina	Press	URS	Roma (h1)	31 8 1960
10.77		WB	Irina	Press	URS	Roma (sf2)	31 8 1960
10.7a		WB	Irina	Press	URS	Tokyo (pentathlon)	16 10 1964
10.7a		WB	Galina	Bystrova	URS	Tokyo (pentathlon)	16 10 1964
10.71	0.9	WB	Karin	Balzer	GDR	Tokyo (h1)	18 10 1964
10.65	1.8	WB	Karin	Balzer	GDR	Tokyo (sf2)	19 10 1964
10.60	0.0	EB	Danuta	Straszyńska	POL	Ciudad de México	18 10 1968

## Pentathlon

Note: In the 20's & 30's assorted tables were used (& the events also varied).

Using the Russian System (Events: 100m - JT - LJ - DT - 800m) the best one was:

Ella Mitsis URS with 3943 points (Moskva 1940), marks: 13.0 - 39.92 - 5.35 - 39.83 - 2:33.2 (re-scored on 1954 Table: 4033).

Using the German System (Events: SP - LJ - 100m - HJ - JT) the best one was:

Gisela Mauermayer GER (418 points, Stuttgart 1938), marks: 13.07 - 5.62 - 12.4 - 1.56 - 36.90 (re-scored on 1954 Table: 4391).

After the war the best were:

Aleksandra Chudina URS (424 points, Kharkov 1947 & 429 points, Moskva 1948)

Lena Stumpf GER (447 points, Bremen 1949), marks: 12.04 - 5.91 - 12.5 - 1.60 - 42.60 (re-scored on 1954 Table: 4507).

Change of events in 1949 (SP - HJ - 200m - 80mH - LJ) & also change of Tables in 1950 & 1954.

The points listed below are shown on the 1954 Table (although obviously the first 4 marks -until 1953- are also shown, in parenthesis, on the 1950 Table):

### 1954T

4608	WB	Aleksandra	Chudina	URS	Tbilisi (1950T: 4305)	8-9 10 1949
		13.51 - 1.61 - 25.5 - 12.0 - 5.71				
4651	WB	Aleksandra	Chudina	URS	Kiev (1950T: 4332)	21-22 9 1950
		13.32 - 1.64 - 25.8 - 11.6 - 5.68				
4692	WR	Fanny	Blankers-Koen	NED	Amsterdam (1950T: 4400)	15-16 9 1951
		11.50 - 1.60 - 24.4 - 11.4 - 5.88				
4704	WR	Aleksandra	Chudina	URS	Bucuresti (1950T: 4407)	8-9 8 1953
		13.42 - 1.63 - 25.5 - 11.6 - 5.81				
4747	WR	Nina	Martynenko-Vinogradova	URS	Leningrad	6-7 7 1955
		13.54 - 1.62 - 25.8 - 11.3 - 5.92				
4750	WR	Aleksandra	Chudina	URS	Moskva	6-7 9 1955
		13.99 - 1.64 - 26.3 - 11.5 - 6.04				
4767	WR	Nina	Vinogradova	URS	Moskva	11-12 8 1956
		13.23 - 1.57 - 25.4 - 10.9 - 5.88				
4846	WR	Galina	Bystrova	URS	Odessa	15-16 10 1957
		12.73 - 1.58 - 25.2 - 10.8 - 6.17				
4872	WR	Galina	Bystrova	URS	Tbilisi	1-2 11 1958
		13.81 - 1.60 - 25.5 - 10.8 - 6.00				
4880	WR	Irina	Press	URS	Krasnodar	13-14 9 1959
		14.20 - 1.58 - 24.8 - 10.9 - 5.82				
4902	WR	Irina	Press	URS	Tula	21-22 5 1960
		15.00 - 1.57 - 24.3 - 11.2 - 5.76				
4959	WR	Irina	Press	URS	Tula	25-26 6 1960
		15.18 - 1.50 - 24.5 - 10.9 - 6.17				
4972	WR	Irina	Press	URS	Kiev	17-18 10 1960
		15.34 - 1.63 - 24.7 - 10.8 - 5.58				
5020	WB	Irina	Press	URS	Leningrad	16-17 8 1961
		15.98 - 1.60 - 24.7 - 11.2 - 6.05				

Change of order (same events):

5137	WR	Irina	Press	URS	Tbilisi	8-9 10	1961
			10.9 - 15.26 - 1.62 - 6.24 - 24.2				
5194	WB	Irina	Press	URS	Kiev	29-30 8	1964
			10.7 - 16.58 - 1.67 - 6.09 - 25.0				
5246	WR	Irina	Press	URS	Tokyo	16-17 10	1964
			10.7a - 17.16 - 1.63 - 6.24 - 24.7a				

Note: 10.7 in 80mH = 1096 points. Total in other 4 events: 4150.

Change of event (100mH replacing 80mH):

Note: The first two marks (April) not included in IAAF WR/WB progression.

4287	WB	Odette	Delcellier-Ducas	FRA	Rouen	19-20 4	1969
			15.6 - 11.80 - 1.48 - 5.87 - 26.2				
4550/4541	WB	Vera	But	URS	Yalta	26-27 4	1969
			14.3 - 13.02 - 1.55 - 5.53 - 26.0 (4550 in ATFS, but points are: 1005+922+891+880+843 = 4541)				
4995	WB	Heidemarie	Rosendahl	FRG	Leverkusen	10-11 5	1969
			13.7 - 13.93 - 1.59 - 6.24 - 24.8				
5023	WB	Heidemarie	Rosendahl	FRG	Heidelberg	31.5 /1.6	1969
			13.6 - 13.26 - 1.65 - 6.21 - 24.8				
5046	WB	Meta	Antenen	SUI	Liestal	5-6 7	1969
			13.5 - 11.28 - 1.71 - 6.49 - 24.6				
5089	WB	Liese	Prokop	AUT	Leoben	16-17 8	1969
			13.9 - 14.51 - 1.72 - 6.07 - 24.9				
5155	WB	Heidemarie	Rosendahl	FRG	Leverkusen	26-27 9	1969
			13.7 - 13.95 - 1.64 - 6.33 - 23.9				
5352	WR	Liese	Prokop	AUT	Wien-Südstadt	4-5 10	1969
			13.5 - 14.95 - 1.75 - 6.62 - 24.6				
5406	WR	Burglinda	Pollak	GDR	Erfurt	5-6 9	1970
			13.3 - 15.57 - 1.75 - 6.20 - 23.8				

Note: The above performance re-scored (1971T: 4775)

1971T

4801	WR	Mary	Peters	GBR	München	2-3 9	1972
			13.29 - 16.20 - 1.82 - 5.98 - 24.08				
4819m	WR	Burglinda	Pollak	GDR	Sofia	12 8	1973
			13.3m - 15.40 - 1.74 - 6.45 - 23.7m (first info -erroneous- 13.21 & 23.70, 4831 points)				
4932	WR	Burglinda	Pollak	GDR	Bonn	22 9	1973
			13.21 - 15.85 - 1.78 - 6.47 - 23.35				

Note: 23.35 in 200m = 1001 points. Total in other 4 events: 3931.

Change of event (800m replacing 200m)

Note: The first three marks (1976/7) & 4880 (1980) not included in IAAF WR/WB progression.

4117	WB	Susan	Longden	GBR	London (CP)	18 9	1976
			14.14 - 11.35 - 1.73 - 5.96 - 2.24.87				
4633mi	WB	Burglinda	Pollak	GDR	Ost Berlin	26 2	1977
			13.3m - 16.07 - 1.71 - 6.14 - 2:16.2m				
4604m	WB	Nadezhda	Tkachenko	URS	Nikolayev	28 4	1977
			13.5m - 14.85 - 1.74 - 6.41 - 2:17.8m				
4765	WR	Eva	Wilms	FRG	Göttingen	14 5	1977
			13.70 - 20.62 - 1.74 - 6.03 - 2:19.91				
4823	WR	Eva	Wilms	FRG	Bernhausen (other info: day 18)	19 6	1977
			13.83 - 20.95 - 1.74 - 6.29 - 2:19.66				
4839	WR	Nadezhda	Tkachenko	URS	Lille	18 9	1977
			13.49 - 15.93 - 1.80 - 6.49 - 2:10.62				
4880m	WB	Nadezhda	Tkachenko	URS	Donetsk	28 5	1980
			13.0m - 16.86 - 1.80 - 6.36 - 2:14.1m				
4856	WR	Olga	Kuragina	URS	Moskva	20 6	1980
			13.38 - 13.44 - 1.86 - 6.41 - 2:03.73				
5083	WR	Nadezhda	Tkachenko	URS	Moskva	24 7	1980
			13.29 - 16.84 - 1.84 - 6.73 - 2:05.2a				



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Athletes that, in the last event, pass through the line before the pentathlon winner and get an score better than the previous record.

1971T						
4791	Heidemarie	Rosendahl	FRG	München	2-3	9 1972
	13.34 - 13.86 - 1.65 - 6.83 - 22.96					
4875	Olga	Kuragina	URS	Moskva	24	7 1980
	13.26 - 12.49 - 1.84 - 6.77 - 2.03.6a					
4937	Olga	Rukavishnikova	URS	Moskva	24	7 1980

13.66 - 14.09 - 1.88 - 6.79 - 2.04.8a

## SUPLEMENTO / SUPPLEMENT

### A) Later identified as a man:

Zdeňka Koubková TCH

800m : 2.16.4 Praha 14.6.1934 - 2.12.4 London 11.8.1934 (WR: 2.16.8 GER 1928).

Dora Ratjen GER

HJ : 1.65 Krefeld 4.7.1937 - 1.66 Göttingen 25.6.1938 - 1.67 Saarbrücken 11.9.1938 - 1.67 and 1.70 Wien 18.9.1938 (WR: 1.65 USA & GBR 1932/36).

Else Volkhausen GER

JT: 47.17 Mannheim 7.8.1938 (WR: 46.74 USA 1932 – ER: 45.71 AUT 1936).

### B) Controversial gender status:

Erika Matthes GER

JT: 47.80 Stuttgart 17.7.1938 (WR: 46.74 USA 1932 – ER: 45.71 AUT 1936).

### C) Disqualified from Women competition in 1967 for a chromosome defect and all her records deleted in 1970:

Ewa Kłobukowska POL

C-1: World R

100m : 11.1 +2.0 Praha 9.7.1965 (WR: 11.2 USA 1961).

4x100m : 44.2 Łódź 13.9.1964 (with Piątkowska, Kirszenstein, Górecka) - 43.6/43.69 Tokyo 21.10.64 (with Ciepla, Kirszenstein, Górecka) (WR: 44.3 USA 1961).

C-2: Europe R only

100m: 11.3 Budapest 6.9.1964 - 11.3 Łódź 13.9.1964 - 11.3 Odawara 21.10.1964 (ER: 11.3 URS 1958).

100m (aut.tim.): 11.45 -0.7 Tokyo (h3) 15.10.1964 (ER 11.65 GBR 1960) - 11.42 +1.4 Tokyo (sf2) 16.10.1964 (ER: 11.54 GBR 1964).

4x100m : 44.4 Budapest 5.9.1964 (with Piątkowska, Kirszenstein, Górecka) (ER: 44.5 URS 1961).

### D) Centesimal mark not electric fully automatic (Soviet Federation did not submit the mark for approval, no photo-finish):

100m: 10.87 +1.9 Lyudmila Kondratyeva URS Leningrad 3.6.1980 (WR: 10.88 GDR 1977).

### E) Fédération Sportive Féminine International (FSFI):

Was founded in Paris (31.10.1921) & was dissolved in Berlin (6.8.1936), and the IAAF absorbed women's Athletics.

### F) Performance erroneously ratified as WR (due to error in the conversion from automatic timing):

100m +1.8 11.1 Irena Szewinska POL Ciudad de Mexico (O.G. qf4) 14.10.1968

Note 1: True time 11.20 (IAAF adjustment 0.05, corrected time 11.15, erroneous rounded in 11.1, true time 11.2) (WR: 11.1 POL 1965).

Note 2: 11.20 included in automatic timing list (but 11.1 not included in decimal list).

### G) Performance erroneously ratified as ER (there are previous and better marks accepted as WR by the FSFI):

JT 37.56 Lisa Gelius GER München 9.9.1934 (Official WR/ER FSFI from 1932: 44.64 E.Braumüller GER).

Note: Also in O.G.1932 -Los Angeles- E.Braumüller & O.Fleischer, 2nd & 3rd, throwing 43.50 & 43.15.

### H) Performance not accepted as WR/ER due to drug abuse:

HT 78.61 Tatyana Lyzenko RUS Sochi 26.5.2007 (WR: 77.80 RUS 2006).

### I) Performances cited in some chronologies but not included in my own list:

100m



12.6 Leni Junker GER ..... 1924 (without site & day-month). Mark included in IAAF WB/WR progression (but not in other sources).  
11.81 0.0 Heather Armitage GBR Melbourne h4 24.11.1956 (the true wind is illegal: +2.4).

#### 200m

24.1 Stanisława Walasiewicz\* POL Chicago 18.8.1932 (straight).  
23.8 Stanisława Walasiewicz\* POL Grudziadz 25.9.1938 (exhibition).  
23.7 Fanny Blankers-Koen NED Rotterdam 29.6.1952 (this mark was wind assisted although it appeared -as legal- in ATFS yearlist).  
23.82 Irena Kirszenstein POL Tokio h6 18.10.1964 (the true wind is illegal: +4.1).  
23.62 Irena Kirszenstein POL Tokio sf1 18.10.1964 (there is a previous better mark: 23.40 D.Hyman 1962).

#### 400m

53.1a Ann Packer GBR Tokyo h2 15.10.1964 (there is a previous better mark: 53.0 M.Itkina Aug.1964).  
(note: electric timing 53.18, previous WB: 53.16 J.Grieveson 1963).

5000m (info: Ottavio Castellini).

16:45.0 Elsa Pasquali ITA Vicenza 11.2.1966 (made on road, not on track).

#### HJ

1.605 Carolina Gisolf NED Maastricht 18.7.1928 (inexisting mark, it is a repetition of the same mark, same athlete & same site obtained in 1929).

PV (Info: José Guilloto).

3.95i Nicole Rieger GER Clermont-Ferrand 28.1.1994 (inexisting mark, her previous attempt to EB 4.00i was 3.92i, (previous EB 3.93 GER1993).

#### TJ

14.09i Galina Chistyakova URS Lipetsk 29.1.1989 (there is a previous better mark: 14.16i I.Lasovskaya 15.1.1989).

DT (info: Marco Martini)

43.08 Jadwiga Wajs POL Pabianice/Poznan 5.7.1933 (error/confusion/repetition with the following WR -same mark- 10 days after in other site).

Note: In IAAF WR/WB progression this mark is made in Pabianice 5.7.1933, but is an error. The Polish Women's Championships was disputed in Krolewska Huta 15/16.7.1933, DT first day.

DT (info Janusz Wasko, source: Przegląd Sportowy – 2.8.1933).

44.60 Jadwiga Wajs POL Bialystok 30.7.1933 (in second attempt, after throw she leave circle 5 cm. but was measured – this day the legal mark was 41.70).

#### 4x100m

53.9 SC Charlottenburg Berlin GER Dresden 14.8.1920 (Wolff, Utech, Birkner, Haase) (there is a previous better mark: 53.3 GER 1.8.1920).  
50.0 (49.9) SV Viktoria 1896 Magdeburg GER Breslau 7.8.1927 (Jacke, Hellmann, R.Drieling, I.Drieling) (only WR for clubs, WR for Nat. was 49.4/5).

42.5a GDR Karl-Marx-Stadt 29.5.1976 (in my opinion, from 1976 onwards, electric times must not be rounded -in this event- and therefore only the times in hundredths in automatic timing list -in this case 42.50- should be included).

**J** Performances in throws (not accepted as WR) cited in some chronologies but not included in my own list because there are previous and better marks with implement of superior weight:

SP (WB: 7.50 with 5k in Apr.1918)

7.31 Violette Gouraud FRA Paris (JB) 7.7.1918

DT (WB: 29.11 with 1.5k in 1922)

28.90 X. Schoenmacker GER Nanterre 22.7.1923

27.65 Louise Groslimond SUI Paris 29.6.1924

JT (WB: 28.84 with 800g in 1914)

24.95 Marie Mejzliková I TCH Prostejov 30.7.1922

25.50 Marie Janderová TCH Monaco 6.4.1923

26.10 Kamila Olmerová TCH Hradec Králové 31.5.1923

27.30 Františka Vlachová TCH Jihlava 26.8.1923

27.30 Kamila Olmerová TCH Kladno 2.9.1923

Note: Details in IAAF 2007 book (p.350), WR JT 800g-both hands (K.Olmerová 34.85+23.26 = 58.11, Brno 8.8.1926):

All javelin records by CSR women were made with the free style – with the finger-grip at the end of the javelin.

**K** Other performances not included due to several reasons:

100mH 12.84 1.3 Teresa Sukniewicz POL Warszawa 18.6.1972 (rolling start) (WR: 12.93 TPE 1970 – ER: 12.94 GER 1971)



PV

4.10 - 4.15 - 4.20 Daniela Bartová CZE Praha 14.6.1995 (considered by the IAAF as exhibition) (WR: 4.10 CZE 1995).

PV (indoor) - Pending of verification.

3.05i - 3.15i Christine Dalage FRA Paris 12.2.1982

Note: Included in IAAF Handbook Lisboa-2001 indoor book, WR chronology -p.247- (compiler: Giorgio Malisani), but not included in French book SPECIAL SALLE (published in 1991), chronologies meilleures performances et records nationaux (compilers: Alain Bouille & Jacques Carmelli)

Perche Femmes p.131 (best to 1990: 2.80 N.Teppe 1989).

Our colleague José Guilloto has not been able to obtain the official confirmation of these French marks.

DT (info: Nejat Kok)

66.58 Argentina Menis ROU Izmir 4.8.1972 (same day WR 66.76 Melnik in Moskva, made before).

## SPECIFICATIONS

### PRINCIPAL REFERENCES

Athletics 1901 = Athletics, The Badminton Library (Montague Shearman & others)

British source = Progressive British Records 1992, 1993 & 1994 (Cowe, Brant, Matthews, Tempest, Buchanan, Lovesey, Smith)

French source = 1888-1988 Un siècle d'athlétisme français

German Sources = 100 Jahre Deutsche Leichtathletik, 1993 (Mewes & Kruger) & Biographisches Handbuch 1898-2005 (Amrhein).

Polish sources = Athletics, National Records Evolution 30 countries 1912-2006 (Wasko & Socha, 2007) & Historia polskiej kobiecej lekkoatletyki w okresie międzywojennym (Polish Women's Athletics 1922-1939) (Kurzynski, Rychwalski, Socha, Wolejko, 2008).

Hamacher = Leichtathletik im 19. Jahrhundert (1891-1900 in 2004 & 1881-1890 in 2007)

IAAF = Progression of IAAF World Records, 2007 edition

Cowe = International Womens Athletics 1890 to 1940 (1985) & Early Women's Athletics: Statistics and History (1999)

Kok = 2006 chronology (Göteborg handbook)

Leconte = L'évolution des performances dans le monde jusqu'en 1930

Patinaud = Temps automatiques (100m-200m-400m-110mH-400mH-4x100m, Men) (1982 ..... 1999)

Pozzoli = Women Athletics Yearbook 1976

Sparks = 2002 chronology (in Internet)

Villaseñor = Women's all-time European Ranking every five years (Bulletin n° 85 AEEA, Dec.2009)

Others:

AEEA (bulletin n.37 - 1000 performances women all-time 31.12.1994) (Hernández, Ascorbe, Capilla, Fernández, Alonso, Velasco)

ATFS Annual (since 1951)

Mappa = All Time World List (Mappa & Quercetani, several editions - 1000 performances)

Quercetani = Track & Field Performances through the years 1921-1950 (Vol.1-2-3-4, Quercetani & others).

START (Czech group 1967-1989)

World Women's Athletics = 100 Best performers Year List 1926-1962 (Brant & Wasko, 2010)

### LONDON STADIUMS:

BH = Beaufort House

BP = Battersea Park

Br = Brompton

CB = Catford Bridge

Ch = Chiswick

CP = Crystal Palace

LB = Lillie Bridge

Pa = Paddington

QC = Queen's Club

SB = Stamford Bridge

WC = White City

WP = Wimbledon Park



*PARIS STADIUMS:*

CC = Croix-Catelan  
Ch = Charléty  
JB = Jean Bouin  
P = Pershing  
PB = Porte-Brancion

*SOVIET UNION (URS):*

This country was not an IAAF member so consequently the early Soviet performances had no chance of official recognition (became a member of the IAAF only on 31.12.1947).

Therefore, in the lists, the marks made by Soviet athletes until 1947, appear in brackets: (EB) & (WB).

*CITIES:*

Note 1: Kristiania until 1924 - Oslo from 1925

Note 2: Various former URS cities (Alma-Ata, Frunze, Kharkov, Khisinev, Kiev, Leningrad, Lvov) changed their names in 1992 (Almaty, Bishkek, Kharkiv, Chisinau, Kyiv, St.Petersburg, Lviv).

Other political changes: Stalingrad (Volgograd), Stalinabad (Dushanbe), Leninakan (Gyumri).

Note 3: Also In other countries, CZE: Gottwaldow (Zlín), GDR: Karl-Marx-Stadt (Chemnitz).

Note 4 : World War II, change of country (1945):

Breslau GER - Wroclaw POL

Königsberg GER - Kaliningrad URS

Viiipuri FIN - Vyborg URS

