



December 1995

Official Newsletter of the FINA Masters Swimming Committee

No. 6

Morocco to host 1998 World Championships

Following the award of the 1998 VII World Masters Swimming Championships to the city of Casablanca, the FINA Masters Committee met there 25-27 May 1995 to carry out site inspections of the facilities and report their recommendations to the FINA Bureau.

Casablanca is the largest city and the chief seaport of Morocco. It lies some 75 miles south of the capital Rabat. Casablanca itself has one of the largest artificial harbours in the world. In 1907 when the city was occupied by the French it had a population of only 20,000. It has progressed rapidly and now is a modern tree lined city with a population of over 4 million in the greater area.

The modern city has been built round the old Moorish kasbar. It is completely dominated by the Hassam II Mosque. In fact it is now often referred to as the City of the Hassam II Mosque. This magnificent structure must surely be one of the wonders of the modern world. Built in the remarkably short time of seven years, it has just recently been opened. It has a prayer hall which can accommodate 25,000 and a huge open air esplanade that can hold 80,000. The building combines modern technology with the ancient skills of Moorish architecture. At night time, when the call to prayer is made, it is brilliantly illuminated, so much so that it lights up the whole inner city. It is said that every person in Morocco, even the very poor, contributed to the construction of this magnificent building which at the peak of construction employed more than 10,000 workers and artisans.

First item on the agenda for the Committee was a tour of the sports complex where the Championships are to be held. The swimming facilities are extensive by any standards and were built to stage the 1983 Mediterranean Games.



In the main stadium, there is a 50 metre pool, a 25 metre pool and a Diving pool. There are large spectator stands. Across the road is another covered 50 metre pool which it is planned to use as a training pool as well as for the Water-polo.

Local Federation officials kindly arranged for some of the Committee to have their early morning training session at the main pool. They found the water quality was excellent and their impressions were that the pool is "fast". They were admitted a bit earlier than the general public but within half an hour the lanes were all full of mainly adults, doing lap swimming and obviously serious about their training. There is no organised Masters swimming as yet in Morocco and one wonders what the effect will be in having the Masters Championships there.

On the last day in Casablanca, having completed their routine business agenda, the Committee was taken on a bus trip to check out possible sites for the Open Water Swimming event. The first site visited was a lake about 20 km from Rabat, the picturesque capital city. The second site was at Mohammedia, a satellite port city only 20 km from Casablanca. This proved to be the most promising.

During their visit the Committee was treated with the utmost hospitality by the President of the Royal Morocco Swimming Federation, Lam Fadal Benhelloun and other members of the Federation. Nothing was too much trouble for them. The staging of World Masters Swimming Championships in Casablanca will be a challenge but, with assistance, they will make the event a success. It certainly will offer Masters swimmers the opportunity for a unique experience.



The FINA Masters Committee pictured with members of the Moroccan Swimming Federation at the King's Mausoleum in Rabat.

Meanwhile in Sheffield

Preparations for the 1996 VI World Masters Swimming Championships to be held in Sheffield 22 June to 3 July are well advanced. The Event Manager for the Championships, Andrew Mathews, has now returned to his post after a year's overseas secondment. During his absence Sue Cotton deputised for him and she has now resumed her role as Assistant Event Manager. FINA Vice President, Artie Shaw, made an inspection visit during October and attended a scheduled meeting of the Organising Committee. He was also able to be present at the National Masters Championships being conducted at the Ponds Forge International Sports Centre. Liaison with FINA has been excellent with the Chairman of the Masters Committee, Doug Scales, able to attend meetings of the Organising Committee.

Following the highly successful promotions in Montreal, there has been considerable world-wide interest in the Championships. By October 1995 more than 2,000 accommodation bookings had been taken from many parts of the world. Apart from Great Britain and Germany, the initial response from Europe itself was not good. However, following a promotion at the European Masters Championships held in Riccione, Italy, in September, the response has been overwhelming. Despite rumours to the contrary, there is still plenty of accommodation available, some of it within walking distance of the pool. The "Games Village" type of accommodation on the University Campus is proving particularly popular.

In this issue:

News Items and Features

1-3

Recently Approved Records

4-5

Long Course World Records

6 - 7

Relay World Records

8

Summary of World Records

9

Short Course World Records

10 - 11

Calendar of International Events

12



Want to get fast ? Get strong !

by Dr. Peter Reaburn

All of us want to get faster - whether it's to win a medal at a major meet or to just crack that 60 second Personal Best barrier for the 50m Freestyle. If you have tried all kinds of in-pool training to achieve these goals and never quite made it, there is a secret way - resistance training. In fact, gone are the days when strength training can be ignored for the masters athlete who wants to sprint faster.

What the research says

■ Research in our own and numerous other laboratories have conclusively shown that ageing means decreases in both strength and muscle mass. Both these factors are critical for speed - whether it be in the pool or on the track. So the answer to improving these factors is strength training. In young swimmers, a 1988 study reported improvements of 0.04 to 0.08 m/sec (0.5 to 1.00 seconds) over 50 meter Freestyle after a resistance training program. The same swimmers reduced the number of strokes per minute by two strokes and improved their stroke length by 12.5 cms, both these changes strongly suggesting increased force on the water. In veteran sprint runners, we recently undertook an eight-week strength training study on 12 males and 10 females. We measured strength, thigh muscle size, and both 100m and 300 meter speed on the running track before and after a strength training program. In the men we observed a 100% increase in strength and increased thigh muscle size. In the women sprinters, we observed up to 150% increases in strength but no increase in thigh muscle size. Importantly for both the male and female veterans, both 100m and 300m speed improved significantly, despite no change in track training over the eight week period. While this study was on track runners, the results are important for masters swimmers. Getting stronger gets us faster.

What does strength training do ?

■ Historically, we believed that strength increases occurred simply because muscles got bigger with strength training. While this is a major adaptation, we now know that the nervous system is a major player in strength training adaptations. The nervous system adapts by contracting the muscles more forcefully and in a more co-ordinated fashion. Research has shown that strength training in older people leads to significant changes in the nervous system and smaller changes in muscle size. These changes in muscle size can vary enormously between individuals. A 1979 study showed that the range of increases in muscle size in younger people after a resistance training program was 3 to 49%. Most men and women do not need to worry about increased muscle size because they will not possess the genetic predisposition to bulk up. In fact, given that older athletes appear to lose muscle size as they age, any increase in muscle size as a result of strength training may help delay this age-related decrease in muscle size and strength.

Strength Training Procedures

■ All strength training should be based on the principle of progressive overload. That is, to get stronger the muscles must be overloaded with more resistance (weight) so that strength will increase even more. Most studies have shown that 4 to 8 repetitions for 3 or more sets is optimal for strength development. However, programs with up to 12 to 15 repetitions have also been effective. Recovery between sets should be between 2 and 3 minutes. However, more than any other factor, the resistance or weight creates the overload on the muscles. For strength development, the resistance should be between 70 and 90% of the resistance or weight that can be moved once. For power (force / time), the most important component in sprinting, the resistance should be between 30 and 60% of maximum strength. Most experts agree that two to three days per week is optimal for strength development with one day per week for strength maintenance.

Joint or body parts	Exercises
Shoulder	Latissimus pulldown in front and behind the neck, upright rows, bent-over rowing, seated rows, straight-arm pullovers, bent-arm pullovers, bench press, chins, incline bench press, decline bench press, pulleys, shrugs, lying lateral raises, side pulleys.
Upper arm	Biceps curls, Triceps extensions.
Forearms	Wrist curls.
Lower back	Back extension, dead lifts.
Abdomen	Sit-ups and side twists.
Hips & knees	Leg presses, half squats, leg curls, leg extensions.
Ankles	Calf raises.
Adductors (inner thigh)	Adductor pulleys, adductor machine.

Strength Training Exercises

■ The exercises that should be performed are those that work the major muscle groups that swimmers use to propel themselves through the water. The exercises should also mimic the swim action or strengthen muscles involved in preventing injuries in swimmers. The table above outlines those major muscle groups and the exercises suggested for those muscle groups.

The exercises in a strength program should be changed every 3 to 4 weeks to discourage plateaux in strength. A good strength program should move from general and non-specific strength through specific strength to specific stroke power. For younger (<45 years), the following plan might be used:

General strength and preparation	2 to 4 weeks
Strength development	3 to 12 weeks
Power development	3 to 6 weeks

Recent research on older (>45 years) people has suggested that these time periods might be extended slightly as older people appear to take longer to adapt to strength training. While the above exercises can be used in the first two phases above, the third period can include in-water resistance (tethered swimming bands), swim benches, or pulleys. The exercises during phase 3 should be at, near, or above actual pool stroke rates. The gym exercises should also be adjusted. Resistance should be lowered, repetitions increased to 10 to 20 per set, sets maintained at 3 to 6, but work periods be reduced to 5 to 15 seconds with speed per repetition increased.

Conclusion

■ There is no doubt in my mind that the older we become, the more important strength training becomes to maintain or develop speed in the masters swimmer. While the above discussion is aimed at giving the reader the ability to develop a strength training program of their own, I STRONGLY recommend that you contact a resistance training specialist to fine tune your program and show you safe resistance training technique. Speak to a swim coach at your pool - they may be able to put you on to such a person. If not, an organisation such as the Australian Strength and Conditioning Association or equivalent have accredited strength and conditioning personnel - try the capital city phone books may be able to help you. Train strong, develop power, race fast.

Peter Reaburn PhD
Department of Human Movement Studies
The University of Queensland
QLD 4072
AUSTRALIA

PH. (61-7) 3365 6851
FAX. (61-7) 3365 6877

European Masters Swimming and Diving Championships

□ The 1995 Vth European Masters Championships in Swimming (Long Course) and Diving were held 6-10 September at Riccione, Italy, a popular holiday resort on the Adriatic Sea. The event, which is restricted to European competitors, was again a tremendous success. A total of 2,654 Masters from 595 different clubs in 28 LEN Member Federations made up some 8,302 entries in the Swimming events. There were 97 Masters from 41 clubs in 12 LEN Member Federations in the Diving. This made it the greatest LEN event ever held!

□ Due to the numbers involved, the decision was made to use the no-false-start rule. Both the 400m and 800m Freestyle were deck seeded with two competitors swimming in each lane. Both these measures worked well and only 56 disqualifications were necessary during the five days of the meet. Seven competitors failed to finish their events.

□ The standard of competition was high with 15 World Records (6 Women's, 6 Men's and 3 Relay). In addition there were 82 European Records. Among the former Olympic and European medalists competing were Raisa Gorokhoskaya (RUS) in the Diving, Alexander Siderenko (UKR), Sergey Fesenko (UKR) and Silke Hoerner (GER) in the Swimming. Exactly 400 gold medals in Swimming and 52 in Diving were awarded to the new champions who came from 21 different countries. Altogether medals were given out to competitors from 25 nations.

□ The biggest team representation was from Germany with 203 clubs competing. This was followed by Italy with 114 clubs and Great Britain with 43 clubs. There were approximately 1,200 competitors from the host nation Italy, 600 from Germany and 162 from Russia.

and in 1997 --- Prague

□ The Czech Republic will, together with the city of Prague, be the host for the VIth European Masters Championships in Swimming and Diving, 5-9 September 1997. This will be the first time the event has been held by the Czech Swimming Federation and was the culmination of three consecutive bids for the event. The historic city of Prague is the capital of the Czech Republic. The official invitation and entry brochure will be published not later than 30 April 1996 and will be distributed to all LEN Member Federations. Further information can be obtained from:

VI European Masters Championships 1997
 Czech Swimming Federation
 Mezi stadiony PS 40
 16017 Praha 6/CZECH REPUBLIC

Legendary figure joins Masters ranks

Perhaps the greatest swimmer of all time, Mark Spitz of the U.S.A., has joined the ranks of the Masters. At 45 years of age, Mark has decided that the time has come for him to resume his swimming, not for purely competitive reasons, but for the love of swimming and for the comradeship and health benefits that it brings. He has joined the UCLA Masters swim team under coach Gerry Rodrigues and now trains regularly with swimmers of varying abilities who make up the group of approximately 70 Masters. Mark's unparalleled feat at the 1972 Munich Olympics of winning seven gold medals in seven events, all in world record time, is regarded by many as the greatest Olympic performance of all time and one that may never be surpassed in any sport. Now he swims for a different reason. Speaking to the editor of *Swim Magazine* he recently said "I'm in it for my health, for the social aspect and simply because its fun. The whole feeling in Masters is different relaxed, non-competitive. I hope to do it for the rest of my life." Masters swimmers everywhere will look forward to seeing this great champion competing with them in the years ahead. And watch out those record books !!

Officials Appointed

A first for Masters Swimming

FINA Masters Officials List No 1 has recently been published and is reproduced below. At this stage the list is confined to Swimming Referees but it marks a significant landmark in the development of Masters Swimming. It is anticipated that officially designated Masters officials could eventually be available for all the disciplines.

There will be two lists of officials interspersed by two years and each Federation is allowed up to four referees per list. Federations should ensure that they nominate candidates qualified to act as referees in major competitions and familiar with the special Masters Rules. Candidates must be younger than 60 years upon authorisation. List No. 1 is valid from 1st January 1995 to 31st December 1998. Additional applications may be submitted to the FINA Permanent Office until 31 December 1995 when List No. 2 will be prepared for the period starting 1st January 1997 to 31st December 2000.

FINA Masters Officials List No. 1

FINA Masters Committee	KOR - Korea
Mr. Donald R. Blew (AUS)	Mr. Park Soon-Seok
Mr. Lin Min Shan (TPE)	Mr. Tak Il-Hae
Mr. Niane Sidate (SEN)	Mr. Kim Yeong-Kil
Mr. Sergey Fesenko (UKR)	Mr. Han Woo-Young
ARM - Armenia	LAT - Latvia
Mr. Igor Sefarian	Mr. Victor Saltykov
AUS - Australia	NOR - Norway
Mrs. Michele Schofield	Mr. Paul Nestaas
Mrs. Kay Cox	Mr. Rigmor Rosmer
Mr. Gary Hoff	Mr. Bjorn Rasmussen
Mr. Ivan Wingate	Mr. Nils Eknes
CAN - Canada	NZL - New Zealand
Mr. Don Hawkes	Mr. John Overwater
Mr. Paul Jenkins	Mrs. Sandra Bray
Mr. Ivon St-Louis	Mr. John Trubnick
Mrs. Debbie Metejicka	Mr. Bruce Parr
CZE - Czech Republic	OMA - Oman
Mr. Frantisek Stochl	Mr. Abdulmunem Khamies
GBR - Great Britain	Abdullah Al-Alawi
Mrs. Amanda Hunt	RSA - South Africa
GER - Germany	Mrs. Carol Becket
Mr. Fred Glaas	SWE - Sweden
Mr. Gunter Achatz	Mr. Lars Edstedt
IND - India	Mr. Lin Min Shan
Mr. H. G. Bhagat	UAE - United Arab Emirates
ISL - Iceland	Mr. Ali Abdulla Ibrahim
Mr. Steinn Benonysson	Mr. Mohamed Faraj Sulaiman
ITA - Italy	Mr. Saeed Mubarak Obaid
Mr. Martino Magni	Mr. Abdulla Mubarak Ali
JPN - Japan	USA - United States
Mr. Keiji Hase	Mr. George A. Ways
Mr. Yoichi Nakamura	Mr. F.H. Ted Haartz
Mrs. Miyoko Hanashima	Mrs. Roswita D. Norris
Mr. Mitsuru Asano	VEN - Venezuela
	Mr. Luis Alfonso Mejias

ENTRIES CLOSE

VI World Masters Swimming Championships
 22 June - 3 July 1996

SHEFFIELD "96

18 May 1996



World Records Recognised

A total of 297 performances have been approved as World Masters Records by the FINA Honorary Secretary in the six months period since the last Newsletter. FINA extends warmest congratulations to these swimmers. Certificates are awarded to all record breakers.

LONG COURSE - WOMEN

Sheila Taormina	USA	25-29 yrs
100m Freestyle	00:57.76	18 Mar 95
200m Freestyle	02:03.98	18 Mar 95
	02:03.34	4 Aug 95
	02:02.89	4 Aug 95
400m Freestyle	04:23.42	25 Jun 95
	04:18.31	4 Aug 95
1500m Freestyle	17:27.96	25 Jun 95
100m Butterfly	01:03.67	18 Mar 95
Hildeka Koshimizu	JPN	30-34 yrs
200m Breaststroke	02:46.81	16 July 95
200m Butterfly	02:24.02	16 July 95
200m Medley	02:26.51	16 July 95
Karlyn Pipes	USA	30-34 yrs
400m Freestyle	04:30.19	13 Aug 95
100m Backstroke	01:06.68	27 Aug 95
200m Backstroke	02:21.40	27 Aug 95
100m Butterfly	01:05.23	27 Aug 95
200m Butterfly	02:21.43	27 Aug 95
200m Medley	02:25.89	13 Aug 95
Dagmar Hilbig	GER	35-39 yrs
200m Breaststroke	02:50.92	6 Sep 95
Sandy Neilson-Bell	USA	35-39 yrs
100m Freestyle	00:58.87	2 July 95
Laura Val	USA	40-44 yrs
200m Butterfly	02:32.59	30 Jul 95
Barbara Dunbar	USA	45-49 yrs
800m Freestyle	10:20.34	27 Aug 95
Shirley Turner	RSA	45-49 yrs
200m Breaststroke	03:06.52	23 Mar 95
Cecilia McCloskey	USA	45-49 yrs
100m Backstroke	01:14.83	27 Aug 95
200m Backstroke	02:42.60	27 Aug 95
200m Medley	02:46.22	27 Aug 95
Carolyn Boak	USA	50-54 yrs
200m Medley	02:53.40	28 May 95
Elaine Bromwich	GBR	50-54 yrs
100m Breaststroke	01:28.70	6 Sep 95
200m Breaststroke	03:11.56	6 Sep 95
Satoko Takeuchi	JPN	50-54 yrs
100m Backstroke	01:18.86	16 Jul 95
Yoshiko Osaki	JPN	55-59 yrs
200m Medley	02:59.67	16 Jul 95
Leavelle Stolnoff	USA	60-64 yrs
1500m Freestyle	22:50.81	28 May 95
Gill Roper	USA	65-69 yrs
50m Freestyle	00:34.35	27 Aug 95
50m Butterfly	00:39.61	28 May 95
	00:39.52	13 Aug 95
	00:39.91	27 Aug 95
100m Butterfly	01:37.07	30 Jul 95
Florence Carr	USA	70-74 yrs
100m Freestyle	01:25.89	16 Jul 95
200m Freestyle	03:13.31	16 Jul 95
50m Butterfly	00:46.47	16 Jul 95
100m Butterfly	01:59.94	27 Aug 95
200m Butterfly	04:18.84	27 Aug 95
400m Medley	08:23.92	11 Jun 95
	08:24.87	27 Aug 95
Margaret Cunningham	AUS	70-74 yrs
200m Medley	03:49.31	17 Apr 95
400m Medley	08:25.35	26 Mar 95
Margaret Evans	GBR	70-74 yrs
200m Butterfly	04:32.32	4 Jun 95
Margarete Gottschalk	GER	70-74 yrs
100m Breaststroke	03:02.34	9 Jul 95
Irma Heyting	AUS	70-74 yrs
50m Freestyle	00:37.16	17 Apr 95
Lois Nochman	USA	70-74 yrs
50m Butterfly	00:45.76	27 Aug 95
100m Butterfly	01:57.17	27 Aug 95
200m Butterfly	04:16.68	27 Aug 95
200m Medley	04:18.89	13 Aug 95
Doris Steadman	USA	70-74 yrs
50m Backstroke	00:43.24	27 Aug 95
100m Backstroke	01:35.11	27 Aug 95
200m Backstroke	03:28.69	27 Aug 95

LONG COURSE - MEN

Judith Drake-Brockman	AUS	75-79 yrs
50m Freestyle	00:39.06	17 Apr 95
100m Freestyle	01:33.86	17 Apr 95
100m Backstroke	01:48.86	17 Apr 95
200m Backstroke	04:00.88	17 Apr 95
Candida Gadolpho	BRA	75-79 yrs
800m Freestyle	15:41.40	23 Apr 95
Michiko Hamuro	JPN	75-79 yrs
200m Breaststroke	04:33.20	16 Jul 95
Hildegard Messing	GER	75-79 yrs
100m Breaststroke	02:03.71	7 Sep 95
200m Breaststroke	04:29.52	7 Sep 95
Jean Durston	USA	80-84 yrs
1500m Freestyle	33:18.03	28 May 95
	33:00.94	30 Jul 95
200m Medley	04:46.90	28 May 95
Maria Lenk Zigler	BRA	80-84 yrs
1500m Freestyle	33:28.46	27 Aug 95
50m Butterfly	01:01.41	23 Apr 95
	01:03.66	27 Aug 95
200m Medley	04:43.48	23 Apr 95
Dorothy Weston	GBR	80-84 yrs
50m Butterfly	01:05.05	4 June 95
Julia Dolce	USA	85-89 yrs
100m Freestyle	02:00.68	27 Aug 95
800m Freestyle	21:54.01	6 Aug 95
1500m Freestyle	43:35.59	27 Aug 95
Del Rowley	AUS	90-94 yrs
100m Freestyle	03:48.55	17 Apr 95
50m Breaststroke	02:13.81	17 Apr 95
James Parack	GBR	25-29 yrs
50m Breaststroke	00:29.60	28 May 95
Bobby Petten	USA	30-34 yrs
200m Butterfly	02:03.85	4 Aug 95
Rowdy Gaines	USA	35-39 yrs
100m Freestyle	00:51.49	16 Jul 95
400m Freestyle	04:07.64	16 Jul 95
David Guthrie	USA	35-39 yrs
50m Breaststroke	00:30.13	27 Aug 95
	01:05.67	27 Aug 95
200m Breaststroke	02:24.37	4 Aug 95
Rick Abbott	USA	40-44 yrs
50m Freestyle	00:24.93	27 Aug 95
	00:24.97	27 Aug 95
100m Freestyle	00:54.47	27 Aug 95
Alan Cardwell	USA	40-44 yrs
800m Freestyle	09:17.93	27 Aug 95
Richard Hess	USA	40-44 yrs
50m Butterfly	00:26.62	27 Aug 95
Peter O'Keefe	USA	45-49 yrs
100m Backstroke	01:05.64	27 Aug 95
200m Backstroke	02:23.84	27 Aug 95
Tim Blimle	USA	50-54 yrs
100m Backstroke	01:09.61	27 Aug 95
Keefe Lodwig	USA	50-54 yrs
50m Butterfly	00:28.05	27 Aug 95
Peter Bergengren	SWE	55-59 yrs
100m Freestyle	01:00.97	9 Sep 95
Jeff Farrell	USA	55-59 yrs
100m Freestyle	01:00.87	4 Jun 95
Bob Ballie	USA	60-64 yrs
50m Freestyle	00:27.80	30 Jul 95
	00:30.35	30 Jul 95
Hiroshi Kotegawa	JPN	60-64 yrs
50m Breaststroke	00:34.68	16 Jul 95
Akio Sugiyama	JPN	60-64 yrs
50m Breaststroke	00:35.04	16 Jul 95
Thomas Walker	GBR	60-64 yrs
200m Breaststroke	03:04.46	4 Jun 95
William Phillips	USA	65-69 yrs
400m Freestyle	05:34.72	27 Aug 95
800m Freestyle	11:33.14	27 Aug 95
Paul Huttinger	USA	70-74 yrs
50m Backstroke	00:37.10	30 Jul 95
100m Backstroke	01:24.14	30 Jul 95
	03:10.47	16 Jul 95
Karl-Helmut Knops	GER	70-74 yrs
50m Breaststroke	00:40.05	9 Jul 95
100m Breaststroke	01:32.81	8 Jul 95
	01:32.51	27 Aug 95
200m Breaststroke	03:32.48	11 Jun 95
	03:26.42	6 Sep 95
100m Butterfly	01:30.38	8 Jul 95
	01:29.22	27 Aug 95
200m Butterfly	03:32.15	11 Jun 95
	03:28.08	7 Sep 95
Keijiro Nakamura	JPN	70-74 yrs
50m Backstroke	00:37.12	16 Jul 95
200m Backstroke	03:12.22	16 Jul 95
Frank Pleieme	USA	70-74 yrs
100m Freestyle	01:10:31	27 Aug 95
	01:10:16	13 Aug 95
200m Freestyle	02:41:41	4 June 95
	05:48:14	4 June 95
400m Freestyle	05:48:08	27 Aug 95
	12:03:73	17 Jun 95
800m Freestyle	23:03:23	8 Jul 95
	03:30:82	13 Aug 95
1500m Freestyle	00:34:66	4 June 95
	00:34:40	27 Aug 95
400m Medley	06:52:07	22 July 95
Toshiro Tajiwa	JPN	70-74 yrs
50m Breaststroke	00:39.15	16 Jul 95
Domel Suzuki	JPN	75-79 yrs
400m Freestyle	06:19:18	16 Jul 95
1500m Freestyle	24:56:60	27 Aug 95
Ray Taft	USA	75-79 yrs
100m Freestyle	01:13:84	28 May 95
	02:51:62	28 May 95
200m Freestyle	12:58:14	30 Jul 95
	24:53:76	28 May 95
1500m Freestyle	01:29:52	27 Aug 95
Robert Christiansen	USA	80-84 yrs
50m Butterfly	00:47:24	22 July 95
Toshiji Sato	JPN	80-84 yrs
50m Backstroke	00:43:15	16 Jul 95
100m Backstroke	01:40:26	16 Jul 95
Edward Shea	USA	80-84 yrs
50m Backstroke	00:45:43	30 Jul 95
	00:44:79	27 Aug 95
100m Backstroke	01:42:92	30 Jul 95
	01:41:52	13 Aug 95
200m Backstroke	01:42:76	27 Aug 95
	03:46:14	30 Jul 95
200m Backstroke	03:44:40	13 Aug 95
	03:42:95	27 Aug 95
Hikoji Ueki	JPN	80-84 yrs
100m Freestyle	01:19:28	16 Jul 95
200m Freestyle	03:03:45	16 Jul 95
	06:40:63	16 Jul 95
100m Backstroke	01:41:96	16 Jul 95
Hiromu Yoshimoto	JPN	80-84 yrs
50m Breaststroke	00:45:68	16 Jul 95
	00:45:45	17 Jul 95
100m Breaststroke	01:48:82	16 Jul 95
	01:46:92	17 Jul 95
200m Breaststroke	04:11:58	16 Jul 95
Jesse Coon	USA	85-89 yrs
50m Butterfly	00:58:03	16 Jul 95
	00:57:93	27 Aug 95
Gastao Figueiredo	BRA	85-89 yrs
50m Backstroke	00:56:12	23 Aug 95
Karl Wittenberg	GER	85-89 yrs
50m Breaststroke	00:53:57	18 Jun 95
	00:51:52	27 Aug 95
100m Breaststroke	02:12:18	27 Aug 95
Andrew Kallunki	USA	90-94 yrs
50m Breaststroke	01:16:01	27 Aug 95
	02:55:14	27 Aug 95
100m Backstroke	07:31:93	30 Jul 95
	07:23:22	27 Aug 95
Joe Kaufman	USA	90-94 yrs
100m Backstroke	02:41:86	28 May 95
	02:47:77	30 Jul 95
200m Backstroke	05:43:96	28 May 95
Peter Jurczyk	USA	90-94 yrs
	02:34:82	11 June 95
100m Backstroke	05:36:88	11 June 95
	06:59:87	11 June 95
200m Medley	02:41:72	8 Jul 95
John Whittemore	USA	95-99 yrs
50m Freestyle	01:41:72	8 Jul 95
Tom Lane	USA	100-104 yrs
100m Freestyle	04:25:98	13 Aug 95
	02:05:54	13 Aug 95
Cronulla Sutherland	AUS	26 Mar 95
Women's 200m Freestyle	280-319 yrs	02:50:79
Nancye Mitchell	Betty Stem	
Barbara Rose	Helen Evans	
Hellas	SWE	7 Sep 95
Women's 200m Freestyle	280-319 yrs	02:47:72
Britt Grilli	Ema Hammarlund	
Kristina Vadem	Kerstin Gjores	
Cronulla Sutherland	AUS	26 Mar 95
Women's 200m Medley	280-319 yrs	03:34:88
Nancye Mitchell	Betty Stem	
Barbara Rose	Helen Evans	
Oahu Club Kiolcho	JPN	16 Jul 95
Women's 200m Medley	280-319 yrs	03:32:23
Reiko Nawata	Hideko Mori	
Kimie Kanai	Machiko Itai	

LONG COURSE - RELAY



Inglewood AUSSI	AUS	17 Apr 95
Women's 200m Freestyle	320-359 yrs	05:03:34
Del Rowley	Betty Jones	
Dorothy Willison	Audrey Whyte	
Inglewood AUSSI	AUS	17 Apr 95
Women's 200m Medley	320-359 yrs	07:11:22
Del Rowley	Betty Jones	
Dorothy Willison	Audrey Whyte	
Coast Masters	USA	13 Aug 95
Men's 200m Medley	320-359 yrs	03:06:15
Bron Winship	Walter Pfeiffer	
Robert Christians	Woodrow Bowersock	

SHORT COURSE - WOMEN

Monica Cuervo	ESP	25-29 yrs
50m Butterfly	00:28:95	14 May 95
100m Butterfly	01:04:96	14 May 95
Barbel Hundsdorfer	GER	30-34 yrs
200m Breaststroke	02:44:68	23 Apr 95
Karlyn Pipps	USA	30-34 yrs
50m Butterfly	00:29:40	11 June 95
200m Medley	02:21:56	11 June 95
Dagmar Hilbig	GER	35-39 yrs
100m Breaststroke	01:16:40	23 Apr 95
200m Breaststroke	02:44:81	23 Apr 95
Sandy Neilson Bell	USA	35-39 yrs
100m Freestyle	00:58:62	25 Jun 95
200m Freestyle	02:07:58	25 Jun 95
Julie Lowe	GBR	16 Sep 95
50m Breaststroke	00:37:20	16 Sep 95
Britt-Marie Smedh / Alshammar	SWE	40-44 yrs
50m Breaststroke	00:37:45	2 Mar 95
Conny Boer-Buys	NED	45-49 yrs
50m Freestyle	00:29:52	24 Sep 95
50m Butterfly	00:32:25	24 Sep 95
Dianne Foster	CAN	45-49 yrs
800m Freestyle	10:15:66	22 May 95
Ginger Pierson	USA	45-49 yrs
200m Breaststroke	03:03:73	22 May 95
Sylvia Platt-Rogers	GBR	45-49 yrs
50m Backstroke	00:34:70	10 Jun 95
Susana Barkley	ESP	50-54 yrs
50m Freestyle	00:30:30	14 May 95
200m Medley	02:56:07	14 May 95
Suzanne Dillis	USA	50-54 yrs
800m Freestyle	11:12:04	22 May 95
Gerhild Eßer	GER	50-54 yrs
200m Butterfly	03:10:55	23 Apr 95
Satoko Takeuchi	JPN	50-54 yrs
50m Backstroke	00:35:55	21 May 95
Patty Thompson	CAN	50-54 yrs
800m Freestyle	11:13:23	22 May 95
Yoshiko Osaki	JPN	55-59 yrs
200m Butterfly	03:09:43	28 May 95
100m Medley	01:21:25	28 May 95
Jayne Bruner	USA	60-64 yrs
50m Freestyle	00:33:19	23 Apr 95
50m Butterfly	00:38:30	23 Apr 95
Ann Champ	USA	60-64 yrs
200m Backstroke	03:13:76	23 Apr 95
50m Backstroke	03:13:43	22 Oct 95
Debbie Stolnoff	USA	60-64 yrs
200m Backstroke	03:10:79	22 May 95
Candice Gendolphi	BRA	75-79 yrs
200m Freestyle	03:33:40	11 June 95
Hildegard Messing	GER	75-79 yrs
200m Breaststroke	04:22:96	23 Apr 95
Maria Lenk	BRA	80-84 yrs
100m Medley	02:06:91	25 Mar 95
Dorothy Weston	GBR	80-84 yrs
100m Butterfly	02:29:66	26 Mar 95
Ellen Tait	USA	85-89 yrs
100m Freestyle	02:40:27	22 May 95
400m Freestyle	12:28:71	22 May 95

SHORT COURSE - MEN

Ian Beck	GBR	30-34 yrs
200m Butterfly	02:08:30	30 Apr 95
Jerome Frentzos	USA	30-34 yrs
100m Medley	00:59:88	22 Oct 95
200m Medley	02:09:01	22 Oct 95
400m Medley	04:33:17	22 Oct 95
Serge Score	CAN	30-34 yrs
200m Breaststroke	02:24:52	22 May 95
Eric Emlenente	FRA	35-39 yrs
400m Freestyle	04:17:21	16 Apr 95
Vladimir Galavtine	FRA	40-44 yrs
50m Freestyle	00:24:62	16 Apr 95
John March	CAN	40-44 yrs
200m Backstroke	02:16:72	23 Apr 95

NOTICES**FINA Masters News**

The FINA Masters News is published twice yearly. Material for publication should be in to the Editor by 10th April for the June edition and the 10th October for the December edition. General news items of international interest and listings for the calendar, (restricted to National or International events which are open to all Masters), should be addressed to the editor :

Tom Logan,
FINA Masters Newsletter
PO Box 5092,
Mount Maunganui, New Zealand
Fax: (64-7) 575-3825
Internet: 100354.182@compuserve.com

Copies of the Newsletter are distributed to all FINA Member Federations. For those persons interested in receiving the Newsletter regularly, this service is available at no charge. Requests for copies should be directed to the FINA office.

FINA Top Ten Tabulations

The Masters Tabulation for 1994 is available and can be purchased from the FINA office for US \$7-00.

FINA Masters Patches

The following patches are available from the FINA office for those that qualify.

FINA Masters Swimming Record
FINA Masters Swimming Top Ten
Cost is \$5-00 (US) for each patch.

A date patch (1994) for use in conjunction with the Top Ten patch is also available at \$3-00 (US).

The FINA office address is:
Ave de Beaumont 9,
1012 Lausanne, Switzerland.

Svend Knudsen	DEN	90-94 yr
50m Breaststroke	01:08:99	21 Jan 95
Georges Sejourne	FRA	90-94 yrs
50m Breaststroke	01:16:07	15 Apr 95
Tom Lane	USA	100-104 yrs
50m Freestyle	02:06:66	30 Sep 95
100m Freestyle	04:32:29	30 Sep 95
50m Backstroke	02:02:52	30 Sep 95

SHORT COURSE - RELAY

Upsala S	SWE	2 Mar 95
Mixed 200m Freestyle	120-159 yrs	01:47:55
Jan Stensson	Susanne Ackum-Agrell	
Anneli Hagglund	Rickard Milton	
Colonials C1776	USA	9 Apr 95
Men's 200m Medley	160-199 yrs	01:54:75
J. Nathan Leech	Gregory Oxley	
Charles Norelli	Robert Krotee	
BCHV	CAN	22 May 95
Mixed 200m Medley	280-319 yrs	03:04:66
Kel Buckboro	Irene Athans	
Duke Cicigic	Elsa de Leeuw	
St. Pete	USA	10 Sep 95
Mixed 200m Medley	280-319 yrs	02:58:72
Paul Hutlinger	Robert MacDonald	
Florence Carr	Kay Schimpf	

Individuals are listed in order of age group and then alphabetically by name, in order of events and then date.

Relay teams are in order of relay age group and then in order of relay event and then date.



FINA Masters World Records - WOMEN'S LONG COURSE - Dated 1st November 1995

	25-29 years	30 - 34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100-104 years
FREE 50 metres	Sara Shand USA 91 00:26:66	S. Neilson-Bell USA 88 00:26:37	S. Neilson-Bell USA 95 00:26:82	Laura Val USA 92 00:28:08	Ardeth Mueller USA 87 00:29:08	Jayne Bruner USA 91 00:29:33	Gail Roper USA 94 00:31:11	Irma Heyling USA 95 00:34:35	J. Drake-Brockman AUS 95 00:39:06	Hatsuho Sugaya JPN 94 00:41:31	Julia Dolce USA 94 00:50:93	Julia Dolce USA 95 01:37:16	Julia Dolce USA 95 01:38:58	Julia Dolce USA 94 02:02:38	Pearl Miller USA 94 02:02:38	Mary Maina AUS 94 05:10:84
100 metres	Sheila Taormina USA 95 00:57:76	S. Neilson-Bell USA 88 00:58:09	S. Neilson-Bell USA 95 00:58:87	Laura Val USA 94 01:01:41	Ardeth Mueller USA 87 01:05:44	Jane Asher GBR 91 01:11:01	Clara Walker USA 92 01:14:25	J. Drake-Brockman AUS 95 01:16:84	J. Drake-Brockman AUS 95 01:25:89	Ume Wada JPN 91 01:38:85	Ume Wada JPN 91 01:39:30	Ume Wada JPN 91 01:39:30	Dei Rowley AUS 95 03:48:55			
200 metres	Sheila Taormina USA 95 02:02:89	Beth Knight USA 89 02:07:84	Beth Knight USA 94 02:08:93	Laura Val USA 94 02:14:97	Ardeth Mueller USA 93 02:24:24	Yoshiko Osaki JPN 93 02:36:58	Clara Walker USA 92 02:48:51	Florence Carr USA 95 03:13:31	Rita Simonton USA 93 03:37:54	Rita Simonton USA 93 03:44:90	Rita Simonton USA 93 03:44:90	Rita Simonton USA 93 03:44:90	Dei Rowley AUS 95 04:45:10	Anna Bauscher USA 94 07:28:92		
400 metres	Sheila Taormina USA 95 04:18:31	Karlyn Pipes USA 95 04:30:19	Beth Knight USA 94 04:31:57	Laura Val USA 94 04:48:82	Ardeth Mueller USA 93 05:16:62	Yoshiko Osaki JPN 93 05:26:57	Clara Walker USA 92 05:47:52	Pete Smith USA 94 06:05:22	Rita Simonton USA 93 06:16:55	Rita Simonton USA 93 06:23:50	Rita Simonton USA 93 06:23:50	Rita Simonton USA 93 06:23:50	Dei Rowley AUS 95 07:44:25			
800 metres	Sara Shand USA 89 09:18:43	Lynn Marshall CAN 92 09:16:82	Beth Knight USA 94 09:20:62	Laura Val USA 93 09:57:59	Barbara Dunbar USA 94 10:20:34	Lavelle Stoinoff USA 88 10:58:47	Clara Walker USA 92 12:27:60	Pete Smith USA 94 15:41:40	Candida Gandalpho BRA 95 15:41:40	Ume Wada JPN 91 17:21:19	Ume Wada JPN 91 17:21:19	Ume Wada JPN 91 17:21:19	Anna Bauscher USA 94 30:55:09			
1500 metres	Sheila Taormina USA 95 17:27:96	Karen Burton USA 92 17:40:50	Beth Knight USA 94 17:59:12	Barbara Dunbar USA 92 19:00:40	Ardeth Mueller USA 91 21:02:46	Lavelle Stoinoff USA 88 22:50:81	Clara Walker USA 92 22:50:81	Pete Smith USA 94 24:07:05	Rita Simonton USA 93 24:07:05	Julia Dolce USA 95 33:00:94	Julia Dolce USA 95 33:00:94	Julia Dolce USA 95 33:00:94	Julia Dolce USA 95 33:00:94	Julia Dolce USA 95 33:00:94	Julia Dolce USA 95 33:00:94	
BACK 50 metres	Diane Grainer USA 89 00:30:80	Karlyn Pipes USA 94 00:31:47	Laura Val USA 94 00:32:25	Satoko Takejii JPN 88 00:34:51	Betsy Jordan USA 92 00:37:30	Clara Walker USA 92 00:39:85	Doris Steadman USA 95 00:40:35	W. Van Rysel GBR 91 00:46:54	Myrtle Wright AUS 89 00:53:73	Myrtle Wright AUS 89 00:56:42	Myrtle Wright AUS 89 00:56:42	Myrtle Wright AUS 89 00:56:42	Alleen Soule USA 94 01:42:49	Anna Bauscher USA 94 01:42:49		
100 metres	Monique Rodahl NZL 89 01:06:46	Karlyn Pipes USA 95 01:06:68	Laura Val USA 94 01:11:03	Satoko Takejii JPN 95 01:18:86	Betsy Jordan USA 92 01:21:42	Gretchen Bendsen DEN 92 01:30:22	Doris Steadman USA 95 01:31:58	J. Drake-Brockman AUS 95 01:48:66	Myrtle Wright AUS 89 02:13:13	Myrtle Wright AUS 89 02:13:13	Myrtle Wright AUS 89 02:13:13	Alleen Soule USA 91 02:13:13	Vera Fernance AUS 88 03:59:89			
200 metres	Diane Grainer USA 89 02:19:97	Karlyn Pipes USA 95 02:21:40	B. Bazureau FRA 94 02:26:66	Satoko Takejii JPN 95 02:42:60	Betsy Jordan USA 92 02:51:11	Lavelle Stoinoff USA 94 02:59:18	Doris Steadman USA 95 03:12:34	J. Drake-Brockman AUS 95 03:17:12	Myrtle Wright AUS 89 04:22:89	Myrtle Wright AUS 89 04:47:82	Myrtle Wright AUS 89 04:47:82	Myrtle Wright AUS 89 04:47:82	Alleen Soule USA 91 10:47:76			
BREAST	S. Seminatore ITA 89 00:32:01	M. Mohrmann GBR 88 00:34:56	L. Wetzel-Osborne USA 89 00:34:41	Monika Senteleben GER 92 00:36:97	Jayne Bruner USA 91 00:39:91	Edith Bohm GER 94 00:42:49	Tsuneko Mita JPN 94 00:49:47	Emmi Pauli GER 89 00:52:90	Dorothy Weston GBR 93 00:59:50	Dorothy Weston GBR 93 00:59:50	Dorothy Weston GBR 93 00:59:50	Dorothy Weston GBR 93 00:59:50	Mizzi Burzbach GER 94 01:15:55	Del Rowley AUS 95 02:13:81		
50 metres	S. Seminatore ITA 90 01:15:05	M. Mohrmann GBR 88 01:14:52	Susan Roy USA 94 01:21:73	Satoko Takejii JPN 95 01:28:27	Betsy Jordan USA 92 01:29:88	Gretchen Bendsen DEN 92 01:35:25	Doris Steadman USA 95 01:35:11	J. Drake-Brockman AUS 95 01:48:66	Agnes Plisson FRA 94 01:51:36	Hildegarde Messing GER 95 02:03:71	Hildegarde Messing GER 95 02:17:98	Hildegarde Messing GER 95 02:17:98	M. Gottschalk GER 95 03:02:34			
100 metres	Sharon Davies GBR 90 02:47:02	Hideka Koshimizu JPN 95 02:46:81	Dagmar Hilbig GER 95 02:50:32	Susan Roy USA 94 03:06:52	Elaine Brownish GBR 95 03:11:56	Flora Connolly GBR 89 03:18:11	Margaret Evans GBR 94 03:24:83	Tsuneko Mita JPN 94 03:45:71	Edith Bohm GER 94 04:03:16	Edith Bohm GER 94 04:28:52	Edith Bohm GER 94 04:30:36	Edith Bohm GER 94 04:30:36	Dorothy Weston GBR 93 07:15:13			
200 metres	Rosemarie Seaman USA 87 02:59:22	Susan Hallacre USA 88 02:59:89	Laura Val USA 94 03:29:89	Ardeth Mueller USA 87 03:31:74	Jayne Bruner USA 94 03:31:69	Gail Roper USA 85 03:35:29	Lois Nochman USA 95 03:39:52	Gertrud Zini BRA 93 03:45:75	Maria Lenk BRA 95 03:55:38	Maria Lenk BRA 95 03:55:38	Maria Lenk BRA 95 03:55:38	Maria Lenk BRA 95 03:55:38	Ella Peckham USA 85 04:57:25	Anna Bauscher USA 94 04:57:25		
FLY	Shelia Taormina USA 95 01:03:67	Karlyn Pipes USA 94 01:05:23	Susan Hallacre USA 88 01:05:39	Laura Val USA 92 01:06:27	Ardeth Mueller USA 87 01:12:67	Judie Oliver CAN 92 01:27:49	Lois Nochman USA 95 01:31:52	Kay Schimpf USA 92 01:57:17	Jean Durston GBR 95 02:19:44	Jean Durston GBR 95 02:27:91	Jean Durston GBR 95 02:27:91	Jean Durston GBR 95 02:27:91	Katherine Pelton USA 91 03:01:14			
200 metres	S. Palmer-White AUS 92 02:18:59	Karlyn Pipes USA 95 02:21:43	Laura Val USA 94 02:26:38	Karen Gibson AUS 94 02:26:21	Ardeth Mueller USA 91 02:49:53	Flora Connolly GBR 89 03:17:68	June Krauser USA 94 03:26:76	Maxine Merlino USA 95 04:16:68	Maxine Merlino USA 88 04:54:79	Maxine Merlino USA 88 04:54:79	Maxine Merlino USA 88 04:54:79	Maxine Merlino USA 88 04:54:79	Katherine Pelton USA 90 07:18:41			
MEDLEY	Sharon Davies GBR 90 02:22:00	Karlyn Pipes USA 95 02:25:89	Judith Lallier USA 94 02:28:93	Laura Val USA 93 02:38:20	Cecilia McCloskey USA 95 02:46:22	Flora Connolly GBR 93 02:53:40	Clara Walker USA 92 03:15:30	Gertrud Zini BRA 93 03:49:31	M. Cunningham AUS 95 04:20:42	Maria Lenk BRA 90 04:41:69	Maria Lenk BRA 90 04:41:69	Maria Lenk BRA 90 04:41:69	Katherine Pelton USA 91 06:44:53	Anna Bauscher USA 94 12:10:93		
400 metres	Sharon Davies GBR 90 05:05:29	Karlyn Pipes USA 95 05:08:57	Karen Farnsworth USA 92 05:34:47	Laura Val USA 93 05:39:70	Ardeth Mueller USA 87 05:54:98	Yoshiko Osaki JPN 93 06:12:08	Clara Walker USA 92 06:18:94	Flora Connolly GBR 94 06:57:33	Florence Carr USA 95 06:23:92	Maxine Merlino USA 87 06:11:23	Maxine Merlino USA 87 06:11:23	Maxine Merlino USA 87 06:11:23	Katherine Pelton USA 90 14:02:55			



FINA Masters World Records - MEN'S LONG COURSE - Dated 1st November 1995

	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100-104 yrs
FREE 50 metres	Kevin DeForest Rowdy Gaines USA 83 00:22.59	Rowdy Gaines USA 90 00:23.20	Rowdy Gaines JPN 94 00:24.93	Tom Whaley USA 92 00:25.18	Terry Downes RSA 94 00:25.18	Don Hill USA 83 00:26.16	Peter Bergengren SWE 94 00:27.05	Bob Ballie USA 95 00:27.80	B. Schurlike GER 91 00:28.94	Kelley Lemmon USA 84 00:29.35	Lyle Collet USA 93 00:32:50	W. Bowersock USA 93 00:33:88	Frank Griffiths AUS 93 00:41:53	Gus Langner USA 93 00:46:70	John Whittemore USA 95 01:41:72	Tom Lane USA 94 02:05:49
100 metres	Jim Montgomery USA 81 00:51.25	Rowdy Gaines USA 91 00:51.50	Rowdy Gaines USA 95 00:51.49	Trip Hedrick USA 94 00:55.26	Terry Downes RSA 94 00:56.62	Jeff Farrell USA 95 01:00.87	Timothy Garton USA 93 01:08:15	James Welch USA 95 01:08:80	Frank Piemme USA 83 01:13:15	Don Hill USA 92 01:13:84	Ray Tait JPN 95 01:19:28	Hiroji Ueki JPN 95 01:41:27	Frank Griffiths AUS 93 01:41:41	Gus Langner USA 93 01:57:91	Tom Lane USA 95 04:25:58	
200 metres	John Kappeler USA 92 01:52.17	Rowdy Gaines USA 90 01:54.04	Rowdy Gaines JPN 94 01:55.36	Rowdy Gaines USA 93 04:07.64	Rowdy Gaines RSA 94 02:03.28	Tim Broderick USA 93 02:04.97	Terry Downes RSA 94 02:08.74	Timothy Garton USA 93 02:17.63	Jeff Farrell USA 94 02:23:11	Don Hill USA 92 02:32:90	Peter Powell USA 87 02:35:90	Peter Powell USA 87 02:51:62	Ray Tait JPN 95 03:03:45	Gus Langner USA 88 03:48:91	Gus Langner USA 93 04:28:34	
400 metres	Chip Hobson USA 94 04:05.99	Rowdy Gaines USA 93 04:07.04	Rowdy Gaines JPN 94 04:07.64	Rowdy Gaines USA 95 04:07.64	Bob Monsen USA 92 04:24.26	Tim Broderick USA 93 04:27.70	Bob Monsen USA 92 04:43.72	Timothy Garton USA 94 04:53.72	David Harrison USA 94 05:34.72	Graham Johnston USA 91 05:34:54	Frank Piemme USA 95 05:48:08	Domini Suzuki JPN 95 06:40:63	Ray Tait JPN 95 06:49:18	Gus Langner USA 88 08:14:50	Gus Langner USA 93 09:44:11	
800 metres	Nicolas Granger FRA 94 08:29.22	Rowdy Gaines USA 93 08:40.19	Rowdy Gaines USA 94 08:44.46	Rowdy Gaines USA 94 08:44.46	Rowdy Gaines USA 94 09:21.19	Alan Cardwell USA 95 09:28.99	David Gray USA 94 09:49.89	Burnell Jones USA 95 10:27.08	Sandy Gately GBR 94 10:36:98	Graham Johnston USA 91 10:38:96	William Phillips USA 95 11:33:14	Frank Piemme USA 95 12:03:73	Ray Tait USA 87 12:58:14	Gus Langner USA 88 17:11:21	Gus Langner USA 93 20:13:74	
1500 metres	Cameron Reid USA 87 16:28.69	Bobby Patten USA 93 16:36.06	Rowdy Gaines USA 94 16:37.34	Rowdy Gaines USA 94 16:37.34	Tod Spiesker USA 90 17:30.13	Kevin Polansky USA 90 18:27.49	Sandy Gately GBR 93 18:49.43	Burnell Jones USA 90 19:54.72	Burnell Jones USA 90 20:05:80	Graham Johnston USA 91 20:28.32	Win Wilson USA 92 20:29:32	Frank Piemme USA 95 20:45:76	Ray Tait USA 87 20:54:95	Gus Langner USA 88 23:08:42	Gus Langner USA 93 36:47:02	
BACK 50 metres	Martin Harris GBR 94 00:26.68	Sean Murphy USA 94 00:27.26	Thompson Mann USA 94 00:28.04	Peter O'Keefe RSA 94 00:29.38	Hugh Wilder USA 93 00:30:42	John Smith USA 93 00:30:93	Yoshi Oyawaka USA 94 00:32:94	Yoshi Oyawaka USA 94 00:33:13	George Gandsey USA 89 00:35:47	Paul Hultinger USA 95 00:35:49	Ray Tait JPN 95 00:37:10	Toshiji Sato JPN 95 00:37:10	Gastao Figueiredo BRA 95 00:56:12	Al Kallunki USA 94 01:01:27	Tom Lane USA 95 02:05:54	
100 metres	Martin Harris GBR 94 00:57.93	Sean Murphy USA 94 00:58.66	William Specht USA 93 01:00.95	Peter O'Keefe USA 95 01:03.39	Peter O'Keefe USA 95 01:05.64	Tim Birnie USA 95 01:09:51	Barry Young NZL 94 01:14:61	Yoshi Oyawaka USA 94 01:14:72	Roger Franks USA 92 01:20:74	Paul Hultinger USA 95 01:24:14	Ray Tait JPN 95 01:25:72	Toshiji Sato JPN 95 01:25:72	Jim Penfield USA 93 02:34:92	Peter Jurczyk USA 94 04:57:01		
200 metres	Martin Harris GBR 94 02:05.86	Sean Murphy USA 94 02:05.82	Tom Wolf USA 90 02:13:83	Peter O'Keefe USA 90 02:18:17	Peter O'Keefe USA 90 02:23:84	Richard Burns USA 95 02:32:81	Barry Young NZL 94 02:37:16	Donald Brown USA 93 02:45:93	Roger Franks USA 92 02:55:46	Paul Hultinger USA 95 03:10:47	Ray Tait USA 94 03:15:00	Edward Shea USA 95 03:42:95	Jim Penfield USA 93 04:43:49	Peter Jurczyk USA 95 05:36:88		
BREAST 50 metres	James Parrack GBR 95 00:29.60	David Guthrie USA 92 00:29:42	Robert Strand USA 92 00:30:13	Peter O'Keefe RSA 94 00:30:82	Hugh Wilder USA 93 00:32:48	Hiroshi Kotegawa JPN 95 00:33:38	Yoshi Oyawaka USA 94 00:33:93	Yoshi Oyawaka USA 94 00:34:58	George Gandsey USA 89 00:35:47	Paul Hultinger USA 95 00:35:49	Ray Tait JPN 95 00:45:58	Toshiji Sato JPN 95 00:45:58	Karl Wittenburg GER 95 00:51:52	Andrew Kallunki USA 94 01:16:01	Tom Lane USA 95 02:05:54	
100 metres	David Lundberg USA 91 01:04.60	David Lundberg USA 91 01:05.65	Pete Dahlberg USA 92 01:09:95	Pete Dahlberg USA 92 01:12:36	Manuel Sanguiño USA 83 01:15:60	John Korthauer USA 88 01:17:87	Barry Young NZL 94 01:20:74	Barry Young USA 94 01:24:14	Joe Kurtzman USA 91 01:28:91	Karl-Heinz Knops GER 95 01:32:51	Ray Tait ITA 93 01:37:55	Toshiji Sato JPN 95 01:46:92	Jim Penfield USA 93 02:07:06	Peter Jurczyk USA 94 03:09:64		
200 metres	T. Ligi GER 87 02:26.73	David Lundberg USA 91 02:24:06	David Guthrie USA 95 02:24:37	Rick Coilella USA 92 02:32:17	Gerhard Preller RSA 94 02:41:02	Gershon Shefa ISR 94 02:50:57	Thomas Walker GBR 90 02:56:20	Thomas Walker GBR 90 03:04:46	Karl-Heinz Knops GER 95 03:16:90	Karl-Heinz Knops GER 95 03:26:42	Ray Tait JPN 95 03:34:86	Edward Shea USA 94 03:43:56	Jim Penfield USA 93 04:43:49	Peter Jurczyk USA 95 05:36:88		
FLY 50 metres	Deforest Bottom FRA 94 00:25.16	David Guthrie USA 92 00:29:42	Pete Dahlberg USA 92 00:30:13	Michael Bottom USA 93 00:26:62	David Guthrie USA 95 00:27:12	Robert Strand USA 92 00:28:05	Keiji Lodwig USA 95 00:28:05	Bob Ballie USA 95 00:28:74	Jack Hale GBR 87 00:30:35	Bob Ballie USA 95 00:33:34	Ray Tait USA 94 00:34:40	Ray Tait USA 94 00:37:57	Robert Christiansen USA 95 00:57:53	Jesse Coon USA 95 01:01:01	Tom Lane USA 95 02:05:54	
100 metres	Mike Bottom USA 84 00:56.34	Mike Bottom USA 88 00:56.84	William Specht USA 94 00:57.39	A. McPherson USA 94 01:02:84	Trip Hedrick USA 94 01:05:83	Timothy Garton USA 92 01:05:83	Robert Probsting USA 94 01:14:98	Wally Bobler USA 94 01:14:98	Joe Kurtzman USA 91 01:20:59	Karl-Heinz Knops GER 95 01:20:59	Anton Ceter USA 92 01:28:22	Anton Ceter USA 92 01:39:80	Walter Pfeiffer USA 94 01:58:99	Frank Griffiths AUS 93 02:33:63	Tom Lane USA 95 04:57:01	
200 metres	M. Lukasek TCH 84 02:05.25	David Lundberg USA 91 02:24:06	David Guthrie USA 95 02:24:37	Rick Coilella USA 92 02:20:81	John Covatchich AUS 94 02:23:23	Peter Gilmore USA 93 02:32:65	Robert Probsting USA 94 02:48:05	John Masters USA 90 03:00:99	Joe Kurtzman USA 91 03:08:79	Jack Hale GBR 87 00:38:28	Charles Moss USA 93 03:28:08	Ray Tait USA 94 03:43:56	Walter Pfeiffer USA 94 04:31:96	Frank Griffiths AUS 93 05:24:54	Tom Lane USA 95 06:55:02	
MEDLEY	Nicolas Granger FRA 94 02:07:00	David Lundberg USA 91 02:09:69	Dian Madriga BFA 94 02:15:21	Bob Monsen USA 92 02:18:92	Timothy Garton NZL 94 02:28:70	Barry Young USA 94 02:40:01	Charles Moss USA 93 02:50:98	Charles Moss USA 93 02:57:61	Ray Tait USA 94 03:11:42	Ray Tait USA 94 03:24:38	Walter Pfeiffer USA 94 04:01:15	Ray Tait USA 94 04:40:15	Frank Griffiths AUS 93 05:59:87	Peter Jurczyk USA 94 06:45:17	Tom Lane USA 95 10:28:43	
200 metres	Nicolas Granger FRA 94 04:31:47	Sean Murphy USA 94 04:40:22	Sergey Fesenko UKR 94 04:50:18	Bob Monsen USA 92 05:12:03	Rick Coilella USA 92 04:57:46	Timothy Garton NZL 94 05:25:32	Barry Young NZL 94 05:45:62	Charles Moss USA 93 06:04:99	Charles Moss USA 93 06:25:02	Ray Tait USA 94 06:25:02	Walter Pfeiffer USA 94 07:21:75	Ray Tait USA 94 07:21:75	Frank Griffiths AUS 93 08:45:17	Peter Jurczyk USA 94 09:45:17	Tom Lane USA 95 10:28:43	



FINA Masters World Records - Dated 1st November 1995
RELAY LONG COURSE

	100-119 years	120-159 years	160-199 years	200-239 years	240-279 years	280-319 years	320-359 years	360-399 years
Women's Freestyle 4 X 50 metres	HOLMES USA 88 Mary Holmes Susan Halfacre Beth Mauer Tish Bucher 01:53:20	LONE STAR USA 87 Monica Burk Brigitte Heuer L. Morrison Casey Jacki Hirsty 01:53:05	DC MASTERS USA 88 Jacki Hirsty Nancy Kirkendall Ann Svanson Sue Harrington 02:03:48	LOS ALTOS USA 94 Laura Val Susan Roy Della Sehorn Carolyn Boak 02:08:96	NEW ENGLAND USA 94 Jennifer Luker Diane Reed Billie Burrill Clara Walker 02:25:83	HELLES SWE 95 Britt Grilli Erna Hammarlund Kristina Vadem Kerstin Gjores 02:47:72	INGLEWOOD AUS 95 Del Rowley Betty Jones Dorothy Willison Audrey Whyte 05:03:34	
Women's Medley 4 x 50 metres	HOLMES USA 88 Beth Mauer Deb Walker Tish Bucher Mary Holmes 02:06:67	HOLMES USA 88 Chris Breddy Susan Roy Laura Val Carolyn Boak 02:08:21	LOS ALTOS USA 94 Brigitte Merten Monika Seitzeben Heidi Kampschulte Marga Schulze 02:12:91	NEUK GER 92 Michael Garibaldi Robert Strand Richard Bassi James Elder 02:27:18	DC MASTERS USA 94 Anne Walker Jayne Bruner Barbara Fnid Barbara Zaremski 02:49:96	OAHU JPN 95 Reiko Nawata Hideko Mori Kimie Kamai Machiko Itai 03:32:23	INGLEWOOD AUS 95 Del Rowley Betty Jones Dorothy Willison Audrey Whyte 07:11:22	
Men's Freestyle 4 x 50 metres	REGATAS BRA 90 Jose Santos Jorge Fernandes M. Goldenstein Jose Moreira 01:37:40	LONE STAR USA 86 David Hague James Montgomery Trip Hedrick Buck Smith 01:37:43	HOLMES USA 90 James Lilley C. Miltenberger Richard Abrahams Timothy Garton 01:39:27	OLYMPIC USA 94 Michael Garibaldi Robert Strand Richard Bassi James Elder 01:46:69	GOST USA 92 Thomas Olander Sid Hall Keith Carter John Florence 01:58:54	SHUEI JPN 92 Suichiro Murayama Jujo Tsubota Isamu Tamura Keijiro Nakamura 02:10:18	REC SWIM 88 JPN 93 S. Fukuwatari Tetsu Yamachi Shiro Ishikawa Haruo Chijiwa 02:53:29	
Men's Medley 4 x 50 metres	POWERS AUS 90 Brad Cooper Neil Gynther Anker Brodersen Angus Waddell 01:49:84	RED FISH SUI 94 Patrick Ferland Etienne Dagon Theophile David Stefan Volery 01:48:75	BAYLOR LONE STAR USA 94 Mel Nash Barry Hamilton Tripp Hedrick David Hague 01:53:79	OLYMPIC USA 94 Tim Birnie Robert Strand Richard Bassi James Elder 01:58:50	BUCKEYE USA 94 Yoshi Oyakawa John Medic Thomas Olander John Florence 02:17:59	OREGON USA 92 Floyd Elliott Bob Morrison Andrew Holden Gerald Huestis 02:34:57	COAST MASTERS USA 95 Brion Winship Walter Pfeiffer Robert Christians Woodrow Bowersock 03:06:15	
Mixed Freestyle 4 x 50 metres	HOLMES USA 88 01:43:89	HOLMES USA 88 01:44:83	ROCKY MOUNTAIN USA 92 Cathy Drozda Judy Reed Tom Whatley Richard Abrahams 01:47:46	LOS ALTOS USA 94 Edward Cazalet Laura Val Arlene Proebsting Robert Proebsting 01:55:50	HOLMES USA 88 Edward Cazalet Laura Val Arlene Proebsting Robert Proebsting 02:09:57	OREGON USA 92 Gerald Huestis Andrew Holden Peteley Smith Pauline Stangel 02:31:29	DC MASTERS USA 93 Nancy Clark Anne Walker Kelley Lemmon David McAfee 03:03:15	
Mixed Medley 4 x 50 metres	HOLMES USA 88 Beth Mauer Bruce Howell Sam Sepke Mary Holmes 01:56:58	DC MASTERS USA 85 Thomas Wolf Matthew Kanizer Susan Skiff Jacki Hirsty 01:58:03	HOLMES USA 88 Edward Cazalet Tom Boak Carolyn Boak Arlene Proebsting 02:02:10	LOS ALTOS USA 94 Edward Cazalet Tom Boak Carolyn Boak Arlene Proebsting 02:14:32	NEW ENGLAND USA 88 Clara Walker Ted Haartz Win Wilson Diane Reed 02:29:30	HOLMES USA 88 Clara Walker Ted Haartz Win Wilson Diane Reed 02:37:98	San Mateo USA 94 Joe Kaufman Helen Roumasset Ray Taft Audrey Ebene 03:57:45	

FINA Masters World Records - Dated 1st November 1995
RELAY SHORT COURSE

	100-119 years	120-159 years	160-199 years	200-239 years	240-279 years	280-319 years	320-359 years	360-399 years
Women's Freestyle 4 X 50 metres	ROCKY MOUNTAIN USA 93 Ellen Atkinson Shelle Botta Kathy Garner Dana Dutcher 01:54:54	SWISS COTTAGE GBR 92 Michele Pearson Tamsin Jaggs Caroline Horden Alyson Jones 01:55:08	DC MASTERS USA 89 Susan Skiff Barbara Zaremski Jayne Bruner Jacki Hirsty 02:01:10	TAMALPAIS USA 89 Angela Konig Laverne Adams Sherry Rademacher Nancy Ridout 02:11:64	NEW ENGLAND USA 94 Clara Walker Jennifer Luker Billie A. Burrill Diane Reed 02:25:52	HOLMES USA 93 Florence Carr Gertrud Zint June Reynolds Jean Beers 03:04:95	ST PETE USA 93 Marian McKechnie Win Kennedy Frances Cichanski Kay Schimpf 04:09:37	
Women's Medley 4 x 50 metres	SHEFFIELD GBR 93 Helen Pratt Pippa Jones Linzi Gaywood Lynne Lee 02:09:51	SAN DIEGO USA 94 Vicky Davidson Mathilde Bouwma Karilyn Pipes Beth Knight 02:05:27	S.G. NEUKOLLN GER 90 Sabine Felgentraeger Monika Seitzeben Brigitte Merten Ruth Stuber 02:18:65	S.G. NEUKOLLN GER 91 Siegrid Kurtz Monika Seitzeben Brigitte Merten Ruth Stuber 02:29:96	WEST COUNTY Y USA 92 Regan Kenner Carol Taylor Ardeth Mueller Jean Schnorbus 02:52:00	MANLY AUS 91 Elizabeth Wallis Betty Callaghan Eileen Price Lilian Johnson 03:28:26	ST PETE USA 93 Frances Cichanski Win Kennedy Kay Schimpf Marian McKechnie 04:55:62	
Men's Freestyle 4 x 50 metres	BARNETT COPTHALL GBR 92 Mark Matthews Andy Cotter Jim Hobsey Kevin Frost 01:35:91	BAYLOR LONE STAR USA 92 Richard Hess Doug Moysie M. Rhodenbaugh Bobby Patten 01:37:89	SWAM USA 91 Chris MacCurdy Ric Nesbit Jerry Heidenreich Bryan Austin 01:41:93	S. CAL. AQUATICS USA 94 Fred Hubbell Frank Piemme Frans Nelson Peter O'Keefe 01:47:41	BUCKEYE USA 94 Sid Hall Yoshi Oyakawa Thomas Olander John Florence 01:58:22	SHUEI JPN 93 Keijiro Nakamura Eisaku Hayashi Isamu Tamura Shuichi Murayama 02:11:55	LONG BEACH USA 94 Walter Pfeiffer John Glenn Woodrow Bowersock Bob Christians 02:51:43	
Men's Medley 4 x 50 metres	BARNETT COPTHALL GBR 92 Andy Cotter Tim Hobsey Mark Matthews Kevin Frost 01:48:16	BAYLOR LONE STAR USA 94 Jay Yarid Greg Rodenbaugh Bobby Patten Mock Rodenbaugh 01:45:01	COLONIALS USA 95 J. Nathan Leech Gregory Oxley Charles Norelli Robert Krotee 01:54:75	LOS ALTOS USA 89 Dick Thomas Thomas Boak Robert Proebsting John Richards 02:02:44	BUCKEYE USA 94 Yoshi Oyakawa Thomas Olander John Medic John Florence 02:16:44	SHUEI JPN 92 Goro Taniguchi Hiromu Yoshimoto Keiichi Tokunaga Shuichi Murayama 02:33:74	SC POSEIDON GER 92 Rudolf Schubert Arnold Schubert Karl Wittenberg Fritz Monke 03:44:22	
Mixed Freestyle 4 x 50 metres	JARFALLA SWE 90 Vicky Davidson Karilyn Pipes Gary Fortune Alan Vorsard 01:46:19	SAN DIEGO USA 94 Vicky Davidson Karilyn Pipes Gary Fortune Alan Vorsard 01:46:27	GIMSA USA 89 Bill Vickery Sharon Wise Sally Hasbrook Bill Wood 01:50:55	LINCOLN USA 89 Paul Hutinger Irene David Colleen Malmen Ray Padavan 01:57:25	LOS ALTOS USA 92 John Richards Jay Craddock Della Sehorn Laura Val 02:12:98	CONNECTICUT USA 88 Jerry Jarold Dorothy Donnelly Ruth Billard Gus Langner 02:38:80	LONG BEACH USA 94 Walter Pfeiffer Madeleine Miller Maxine Merino Woodrow Bowersock 03:37:67	
Mixed Medley 4 x 50 metres	LAKESIDE USA 89 William Tingley Gina Gatti Michael Higgs Melinda Schmitt 01:58:28	LAKESIDE USA 89 William Tingley Gina Gatti Michael Higgs Melinda Schmitt 01:58:28	WEST HOLLYWOOD USA 94 Andrea Devuono Karen Melick Michael Meadlife Thomas Reedy 02:01:59	SG NENKOLLN GER 92 S. Felgentraeger Monika Seitzeben Manfred Brock B. Schulte 02:12:50	LOS ALTOS USA 91 Della Sehorn John Richards Laural Val Jay Craddock 02:32:46	ST. PETE USA 95 Paul Hutinger Robert MacDonald Florence Carr Kay Schimpf 02:58:72	LONG BEACH USA 94 Maxine Merino Madeleine Miller Walter Pfeiffer Woodrow Bowersock 03:56:40	



Summary FINA Masters World Records - Dated 1st November 1995



Long Course

	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	100-104
50m Free	00:26.68	00:26.37	00:26.82	00:28.05	00:29.08	00:29.33	00:32.59	00:33.11	00:34.35	00:37.16	00:39.06	00:41.31	00:50.93	02:02.38		05:10:84
100m Free	00:57.76	00:58.09	00:58.87	01:01.41	01:05.44	01:07.42	01:11.01	01:14.25	01:16.84	01:25.89	01:33.86	01:39.30	02:00.68	03:48.55		
200m Free	02:02.89	02:07.84	02:08.93	02:14.97	02:24.24	02:29.22	02:36.58	02:43.83	02:48.51	03:13.31	03:37.64	03:44.00	04:45.10	07:28.92		
400m Free	04:18.31	04:30.19	04:31.35	04:48.82	04:59.86	05:16.62	05:26.57	05:47.52	06:05.22	06:46.55	07:38.77	08:23.50	10:44.25			
800m Free	09:18.43	09:16.82	09:20.62	09:57.69	10:20.34	10:58.47	11:30.97	12:01.79	12:27.60	13:51.53	15:41.40	17:21.19	21:54.01	30:55.09		
1500m Free	17:27.96	17:40.50	17:59.12	19:00.40	19:28.34	21:02.46	22:18.91	22:50.81	24:07.05	27:05.80	29:45.90	33:00.94	43:35.59			
50m Back	00:30.80	00:31.47	00:32.39	00:32.25	00:34.51	00:34.87	00:37.30	00:40.35	00:39.85	00:43.24	00:46.64	00:53.73	00:58.42	01:42.49		
100m Back	01:06.46	01:06.68	01:08.49	01:11.03	01:14.83	01:18.86	01:21.42	01:30.22	01:31.58	01:35.11	01:48.86	02:01.87	02:13.13	03:59.89		
200m Back	02:19.97	02:21.40	02:26.66	02:36.89	02:42.60	02:51.11	02:59.18	03:12.84	03:17.12	03:28.69	04:00.88	04:22.89	04:47.82	10:47.76		
50m Breast	00:32.01	00:34.56	00:34.41	00:37.02	00:36.97	00:39.52	00:39.91	00:42.49	00:43.42	00:49.47	00:52.90	00:59.60	01:15.55	02:13.81		
100m Breast	01:16.05	01:14.52	01:17.44	01:21.73	01:22.27	01:28.70	01:29.88	01:35.25	01:42.25	01:51.36	02:03.71	02:17.08	03:02.34			
200m Breast	02:42.02	02:46.81	02:50.92	02:56.21	03:06.52	03:11.56	03:18.11	03:24.83	03:45.71	04:03.16	04:29.52	05:01.36	07:15.13			
50m Fly	00:28.79	00:29.22	00:29.27	00:29.89	00:30.74	00:31.69	00:35.29	00:38.10	00:39.52	00:45.75	00:55.38	01:01.41	01:27.77	04:57.25		
100m Fly	01:03.67	01:05.23	01:05.39	01:06.27	01:12.67	01:13.86	01:27.49	01:31.52	01:37.07	01:57.17	02:19.44	02:27.91	03:01.14			
200m Fly	02:18.69	02:21.43	02:26.38	02:32.59	02:38.78	02:49.53	03:17.68	03:26.76	03:36.25	04:16.68	04:54.79	05:24.52	07:18.41			
200m Med	02:22.00	02:25.89	02:28.93	02:38.20	02:46.22	02:53.40	02:59.67	03:15.30	03:20.58	03:49.31	04:20.42	04:41.09	06:44.53	12:10.93		
400m Med	05:05.29	05:08.67	05:34.47	05:39.70	05:54.98	06:12.08	06:18.94	06:57.33	07:09.69	08:23.92	09:11.23	10:05.13	14:02.65			
50m Free	00:22.59	00:23.21	00:23.20	00:24.93	00:25.18	00:26.16	00:27.05	00:27.80	00:28.94	00:29.35	00:32.50	00:33.88	00:41.53	00:48.70	01:41.72	02:05.49
100m Free	00:51.25	00:51.50	00:51.49	00:55.26	00:55.66	00:58.62	01:00.87	01:02.80	01:08.15	01:10.16	01:13.84	01:19.28	01:41.27	01:57.91		04:25.98
200m Free	01:52.17	01:54.04	01:55.36	01:58.03	02:04.97	02:09.74	02:17.63	02:23.11	02:32.90	02:41.41	02:51.62	03:03.45	03:48.91	04:28.34		
400m Free	04:05.99	04:07.04	04:07.64	04:24.26	04:27.70	04:43.72	04:57.21	05:05.54	05:34.72	05:48.08	06:19.18	06:40.63	08:14.50	09:44.11		
800m Free	08:29.22	08:40.19	08:44.46	09:17.93	09:24.19	09:49.89	10:27.08	10:36.08	11:33.14	12:03.73	12:58.14	13:50.05	17:11.21	20:13.74		
1500m Free	16:28.69	16:36.06	16:37.34	17:30.13	18:27.49	18:49.43	19:54.72	20:06.80	22:29.32	23:03.23	24:53.76	28:54.95	33:08.42	36:47.02		
50m Back	00:26.68	00:27.26	00:28.04	00:29.38	00:30.42	00:30.93	00:32.94	00:33.13	00:35.47	00:37.10	00:39.49	00:43.15	00:56.12	01:10.27		02:05.54
100m Back	00:57.93	00:58.66	01:00.95	01:03.39	01:05.64	01:09.61	01:12.33	01:14.72	01:20.74	01:24.14	01:29.52	01:40.26	02:07.06	02:34.82		04:57.01
200m Back	02:05.86	02:05.62	02:13.83	02:18.17	02:23.84	02:32.81	02:37.16	02:45.93	02:55.46	03:10.47	03:15.00	03:42.95	04:43.49	05:36.88		
50m Breast	00:29.60	00:29.42	00:30.13	00:30.82	00:32.48	00:33.88	00:33.03	00:34.68	00:38.28	00:38.15	00:42.58	00:45.45	00:51.52	01:16.01		
100m Breast	01:04.60	01:05.65	01:05.67	01:09.95	01:12.95	01:15.60	01:17.87	01:21.58	01:28.91	01:32.51	01:37.55	01:46.92	02:12.18	03:09.64		
200m Breast	02:26.73	02:24.06	02:24.37	02:32.17	02:41.02	02:50.57	02:56.20	03:04.46	03:16.90	03:26.42	03:34.86	04:11.58	05:09.86	06:24.54		
50m Fly	00:25.16	00:25.31	00:25.93	00:26.62	00:27.12	00:28.05	00:29.74	00:30.35	00:33.34	00:34.40	00:37.57	00:47.24	00:57.93			
100m Fly	00:56.34	00:56.64	00:57.39	00:59.96	01:02.84	01:05.83	01:09.27	01:14.98	01:20.59	01:29.22	01:39.80	01:58.99	02:33.63			
200m Fly	02:05.25	02:03.85	02:08.51	02:20.81	02:25.23	02:32.65	02:48.05	03:00.99	03:08.79	03:28.08	03:43.56	04:31.96	05:24.28			
200m Med	02:07.00	02:09.69	02:15.21	02:18.92	02:24.39	02:28.70	02:40.01	02:50.08	02:57.61	03:11.42	03:24.38	04:01.29	04:40.15	06:59.87		
400m Med	04:31.47	04:40.22	04:50.18	04:57.48	05:12.03	05:25.32	05:45.62	06:04.99	06:25.02	06:52.07	07:21.75	08:45.17	10:28.43			
50m Back	00:30.63	00:30.94	00:32.50	00:31.51	00:34.70	00:35.55	00:37.10	00:39.30	00:40.48	00:45.08	00:48.06	00:58.78	01:13.57	01:55.07		
100m Back	01:04.66	01:05.07	01:10.47	01:10.94	01:16.29	01:19.17	01:21.90	01:29.13	01:30.41	01:43.97	01:48.13	02:06.95	02:52.17		04:19.46	
200m Back	02:17.86	02:18.29	02:31.78	02:38.22	02:45.58	02:48.88	03:00.66	03:10.79	03:15.72	03:39.24	04:00.43	04:38.53	06:00.16			
50m Breast	00:33.60	00:33.74	00:34.63	00:37.20	00:37.54	00:38.82	00:40.69	00:42.02	00:44.61	00:49.15	00:53.94	01:05.64	01:25.54	01:49.01		
100m Breast	01:13.60	01:15.39	01:16.70	01:22.19	01:23.49	01:25.73	01:28.13	01:32.12	01:41.68	01:50.57	01:59.41	02:19.17	03:09.62	04:05.59		
200m Breast	02:40.90	02:44.68	02:50.93	02:54.12	03:03.73	03:06.63	03:12.85	03:19.67	03:46.02	03:55.30	04:22.96	04:54.39				
50m Fly	00:28.95	00:29.40	00:30.05	00:30.18	00:32.25	00:33.85	00:36.10	00:38.30	00:40.24	00:46.86	00:56.53	01:02.58	01:24.53			
100m Fly	01:04.96	01:04.69	01:07.28	01:06.86	01:12.53	01:12.66	01:22.22	01:29.99	01:37.53	01:54.16	02:12.17	02:28.34	03:29.58			
200m Fly	02:17.13	02:24.97	02:28.96	02:29.19	02:37.88	03:10.55	03:09.43	03:17.00	03:35.80	04:05.45	05:22.65	07:15.07				
100m Med	01:06.84	01:07.26	01:08.15	01:11.65	01:14.41	01:18.05	01:21.25	01:27.50	01:31.89	01:43.67	01:58.06	02:06.91	03:00.23			
200m Med	02:24.07	02:21.56	02:30.87	02:33.89	02:42.88	02:56.07	02:57.53	03:11.59	03:18.77	03:51.68	04:17.89	04:40.77	09:49.36			
400m Med	05:06.88	05:06.19	05:23.30	05:32.53	05:50.45	05:56.24	06:36.03	06:50.55	07:18.55	08:06.71	09:07.66	09:50.43	15:34.06			
50m Back	00:22.48	00:22.82	00:23.80	00:24.42	00:24.70	00:26.35	00:26.60	00:27.32	00:29.63	00:31.01	00:32.78	00:35.16	00:41.92	00:50.09		02:06.66
100m Back	00:50.86	00:50.51	00:52.64	00:55.02	00:56.45	00:58.39	01:00.08	01:01.96	01:07.13	01:12.57	01:15.94	01:18.80	01:41.46	01:58.42		04:32.29
200m Back	01:53.82	01:50.91	01:57.83	02:05.81	02:17.08	02:12.18	02:17.95	02:21.31	02:34.27	02:46.86	03:01.42	03:48.20	04:27.70			
400m Free	03:59.78	03:59.83	04:17.21	04:09.31	04:29.82	04:38.22	04:59.35	04:56.69	05:26.81	05:55.12	06:20.11	07:05.20	07:54.24	08:50.65		
800m Free	08:29.19	08:19.44	08:56.81	08:49.83	09:26.18	09:38.02	10:28.98	10:27.62	11:33.11	12:15.49	12:45.40	14:48.88	16:53.90			
1500m Free	16:23.21	16:21.25	17:06.28	16:51.71	18:10.24	18:32.56	19:45.72	19:48.44	21:57.69	23:5						



DEINA Masters World Records - WOMEN'S SHORT COURSE - Dated 1st November 1995

WOMEN'S SHORT COURSE

100-149 yrs											
95-99 years						90-94 years					
25-29 years			30 - 34 years			35-39 years			40-44 years		
FREE	Michelle Chow USA 94 00:26:65	Anna Pettis-Scott USA 93 00:26:18	Connie Boer Buys NED 95 00:27:76	Susana Barkley ESP 95 00:29:52	Jayne Bruner USA 93 00:31:33	Odelet Lusien FRA 93 00:34:38	Louise Donovan USA 93 00:42:50	Hatsuno Sugaya JPN 94 00:45:40	Catharine Kerr CAN 94 00:37:53	Louise Donovan USA 93 01:03:78	Marian McKechnie USA 93 01:36:77
50 metres	Monique Rodahl NZL 89 00:58:53	Sandie Neilson USA 92 00:57:35	Sandy Neilson-Bell USA 92 00:57:51	Laura Vali GBR 92 01:00:68	Susan Shimpton GBR 92 01:05:20	Jane Asher GBR 91 01:11:18	Clara Walker USA 91 01:15:68	Pete Smith USA 94 01:28:93	Rita Simonton USA 93 01:38:34	Ellen Tait USA 94 01:48:30	Anna Bauscher USA 93 03:24:13
100 metres	Rebecca Williams NZL 90 02:05:80	Sandy Neilson USA 92 02:06:83	Sandy Neilson-Bell USA 92 02:07:58	Barbara Dunbar USA 92 02:14:32	Ardeth Mueller USA 91 02:22:24	Leavelle Steinoff USA 93 02:34:77	Clara Walker USA 94 03:07:72	Candida Gandalphi BFA 94 03:33:40	Jean Durston USA 94 04:07:41	Marian McKechnie USA 93 05:33:83	Anna Bauscher USA 93 07:01:11
200 metres	Lynn Marshall CAN 91 04:25:94	Kalyn Pipes USA 95 04:26:55	Beth Knight USA 94 04:33:17	Barbara Dunbar USA 92 04:50:68	Ardeth Mueller USA 91 05:34:32	Leavelle Steinoff USA 93 05:36:06	Clara Walker USA 94 06:13:42	Pete Smith USA 94 06:47:59	Rita Simonton USA 93 07:23:29	Jean Durston USA 94 08:39:15	Ellen Tait USA 93 14:16:35
400 metres	Diane Grainer USA 90 09:19:99	Lynn Marshall CAN 91 09:39:90	Beth Knight USA 94 09:24:81	Barbara Dunbar USA 91 10:04:16	Dianne Foster CAN 95 10:56:66	Suzanne Dillis USA 95 11:12:04	Clara Walker USA 92 12:55:26	Margy Meyer USA 92 14:29:66	Rita Simonton USA 93 15:28:60	Jean Durston USA 94 17:51:63	Marian McKechnie USA 93 24:05:34
800 metres	Karen Burton USA 91 17:30:18	Karen Burton USA 94 17:23:60	Beth Knight USA 94 17:43:10	Barbara Dunbar USA 90 19:00:81	Barbara Dunbar USA 95 19:54:57	Leavelle Steinoff USA 93 21:44:35	Clara Walker USA 92 22:54:51	Pete Smith USA 94 23:38:44	Rita Simonton USA 93 28:30:20	Jean Durston USA 94 34:13:00	Maxine Merlino USA 94 28:18:70
BACK											
50 metres	Diane Grainer USA 89 00:30:63	Helen Jameson GBR 94 00:30:94	Laura Vali USA 91 00:31:55	S. Platt Rogers GBR 95 00:32:50	Satoko Takejui JPN 95 00:35:55	Margaret Wilding GBR 94 00:37:10	Clara Walker USA 93 00:38:60	Willy Van Rysel GBR 91 00:45:38	Dorothy Weston GBR 93 00:48:06	Willy Van Rysel GBR 91 05:58:78	Vera Farnance AUS 89 01:35:07
100 metres	Diane Grainer USA 89 01:04:66	Kalyn Pipes USA 94 01:05:07	Pat Gilmore CAN 88 01:10:47	Laura Vali USA 92 01:10:34	Sandra O'Neill GBR 94 01:16:29	Betsy Jordan USA 92 01:19:17	Clara Walker USA 89 01:28:05	Regan Kenner USA 94 01:30:41	Regan Kenner USA 94 01:43:97	Willy Van Rysel GBR 91 01:48:13	Anna Bauscher USA 89 02:52:17
200 metres	J. De Rover NED 92 02:17:86	Kalyn Pipes USA 94 02:18:29	Katherine Branch USA 94 02:31:78	Maryann Stevens USA 93 02:38:22	Sandra O'Neill GBR 94 02:45:58	Betsy Jordan USA 91 02:48:88	Leavelle Steinoff USA 95 03:00:66	Doris Steadman USA 92 03:15:72	Regan Kenner USA 94 03:39:24	Willy Van Rysel GBR 91 04:00:43	Maxine Merlino USA 94 04:38:53
500 metres	Ria Willemse NED 90 00:33:60	Dagmar Hilbig GER 92 00:33:74	Leslie Osborne USA 85 00:34:63	Julie Lowe GBR 95 00:37:20	Erna Loskamp NED 94 00:37:54	Jayne Bruner USA 91 00:40:59	Edith Bohm GER 94 00:44:61	Maud Povey GBR 93 00:49:15	Gertrud Zini USA 93 00:53:94	Yoshi Kuchiba JPN 93 01:05:64	Doris Venning NZL 91 01:49:01
100 metres	Ria Willemse NED 90 01:13:60	Sharon Davies GBR 92 01:15:39	Leslie Osborne USA 89 01:16:70	Gayle Bentz USA 92 01:22:19	Carolyn Baak USA 92 01:23:49	Flora Connolly GBR 90 01:25:73	Edith Bohm GER 94 01:32:12	Saloko Suzuki JPN 94 01:41:68	Hildegarde Messing GER 95 01:59:41	Katherine Petton USA 90 02:19:17	Doris Venning NZL 91 04:05:59
200 metres	Louise Keogh GBR 95 02:40:90	B. Hundsdorfer GBR 95 02:44:68	Gayle Bentz USA 89 02:54:52	Ginger Pierson USA 92 03:03:73	Diane Ford GBR 93 03:06:65	Flora Connolly GBR 90 03:12:57	Edith Bohm GER 94 03:46:02	Maud Povey GBR 93 03:55:30	Gertrud Zini USA 93 04:22:96	Maxine Merlino GBR 94 04:34:39	Katherine Petton USA 90 05:22:65
FLY	Monica Cuervo ESP 95 00:28:95	Karlyn Pipes USA 95 00:29:40	Laura Vali USA 91 00:30:05	Connie Boer Buys NED 95 00:32:25	Diana Pool NED 94 00:38:82	Erna Loskamp NED 92 00:43:55	Flora Connolly GBR 90 01:28:13	Edith Bohm GER 94 01:32:12	Lois Nochman USA 94 01:37:53	Gertrud Zini USA 93 01:56:53	Katherine Lenk BRA 95 01:25:54
50 metres	Monica Cuervo ESP 95 01:04:96	Rebeca Parrott NZL 91 01:04:69	Marla Yelkenjia USA 93 01:10:28	Laura Vali USA 93 01:06:86	Barbara Dunbar USA 94 01:12:53	Ardeth Mueller USA 91 01:12:66	Flora Connolly GBR 94 01:22:22	Edith Bohm GER 94 01:41:68	Lois Nochman USA 94 01:54:16	Katherine Petton USA 90 02:12:17	Katherine Lenk BRA 95 01:24:53
100 metres	Diane Grainer USA 91 02:24:07	Karlyn Pipes USA 94 02:24:97	Laura Vali USA 91 02:28:96	Laura Vali USA 93 02:29:19	Ardeth Mueller USA 91 02:37:88	Gerald Esser GER 95 03:01:55	Flora Connolly GBR 94 03:10:43	Flora Connolly GBR 94 03:15:80	Lois Nochman USA 94 03:15:80	Maxine Merlino USA 94 04:48:50	Katherine Lenk BRA 95 03:29:58
200 metres	Monique Rodahl NZL 89 01:06:84	S. Palmer-White AUS 91 02:17:13	Karlyn Pipes USA 95 02:21:56	Laura Vali USA 92 01:07:26	Ardeth Mueller USA 91 01:11:65	Yoshiko Osaki JPN 94 01:18:05	Jayne Bruner USA 94 01:21:25	Gail Roger USA 94 01:31:89	Catherine Kerr CAN 91 01:43:67	Maria Lenk BRA 95 02:05:91	Katherine Lenk BRA 95 03:09:23
400 metres	Monique Rodahl NZL 89 01:06:84	Diane Grainer USA 91 02:24:07	Karlyn Pipes USA 95 02:21:56	Beth Knight USA 94 02:30:87	Ardeth Mueller USA 91 02:42:88	Yoshiko Osaki JPN 93 02:57:53	Flora Connolly GBR 94 03:11:59	Judy Oliver CAN 92 06:50:55	Agnes Plisson FRA 95 03:51:68	Maxine Merlino USA 88 04:40:77	Katherine Lenk BRA 95 05:01:57
MEDELY	Monique Rodahl NZL 89 01:06:84	Karlyn Pipes USA 94 05:08:88	Sandy Neilson-Bell USA 92 05:23:30	Laura Vali USA 92 05:32:53	Ardeth Mueller USA 91 05:50:45	Clara Walker USA 91 05:56:24	Clara Walker USA 94 06:36:03	Gail Roger USA 94 07:18:55	Margret Evans GBR 94 08:06:71	Maxine Merlino USA 88 09:07:66	Katherine Lenk BRA 95 09:50:43



FINA Masters World Records - MEN'S SHORT COURSE - Dated 1st November 1995

	25-29 years	30 - 34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100-104 yrs
FR 50 metres	Robert Peel USA 93 00:22.48	Rowdy Gaines JPN 89 00:22:82	Bruce Stahl USA 94 00:23:80	Charles Norelli USA 95 00:24:42	Jan Koen Anthoni NED 95 00:24:70	Farrell / Lodwig USA 88 00:26:35	Donald Hill USA 95 00:26:60	Bob Ballie USA 95 00:27:32	Frank Piemme USA 90 00:29:63	Jack Hale GBR 92 00:31:01	Kelley Lemmon USA 93 00:32:78	W. Bowersock USA 93 00:35:16	Frank Griffiths AUS 93 00:41:92	Gus Langner USA 93 00:50:09	Tom Lane USA 95 02:06:56	
100 metres	Bjorn Zwarts USA 94 00:50:86	Rowdy Gaines JPN 89 00:50:51	Mark Morgan AUS 94 00:52:54	Mitterberger/Norelli USA 95 00:55:02	A. McPherson USA 92 00:56:45	Keesie Lodwig USA 94 00:58:39	Donald Hill USA 95 01:00:08	Bob Ballie USA 95 01:01:56	Frank Piemme USA 90 01:07:13	John Richards USA 92 01:12:57	Kelley Lemmon USA 93 01:15:34	Hikiji Ueki JPN 95 01:18:80	Gus Langner USA 93 01:41:46	Gus Langner USA 93 01:58:42	Tom Lane USA 95 04:32:29	
200 metres	Roland Lee GBR 92 01:53:82	Rowdy Gaines JPN 89 01:50:91	Mark Morgan AUS 94 01:57:08	Hess Yntema USA 95 01:57:83	Ed Cozalet USA 86 02:05:81	Ed Caesar USA 92 02:12:18	Kauya Nishino JPN 95 02:17:95	Graham Johnston USA 95 02:21:31	William Phillips USA 93 02:34:27	Ray Taft USA 89 02:46:86	Ray Taft USA 94 02:48:67	Hikiji Ueki JPN 95 03:01:42	Gus Langner USA 93 03:48:20	Gus Langner USA 93 04:27:70		
400 metres	Gavin Liley GBR 93 03:59:78	Bruce Hayes USA 94 03:58:83	Eric Eminente FRA 95 04:17:91	Hess Yntema USA 95 04:08:31	Angus Edghill BAR 91 04:28:82	Sandy Gallely GBR 94 04:38:22	Kazuya Nishino JPN 95 04:59:35	Graham Johnston USA 95 04:55:69	William Phillips USA 93 05:26:81	Kevin Vickery AUS 94 05:55:12	Aldo Da Rosa USA 93 06:20:11	F. Lough AUS 86 07:05:20	Gus Langner USA 93 07:54:24	Gus Langner USA 93 08:50:65		
800 metres	T. Lenhardtsson SWE 92 08:29:19	Bruce Hayes USA 94 08:19:44	Matt Clark USA 94 08:56:81	Hess Yntema USA 95 08:49:83	Hess Yntema USA 95 09:28:18	Angus Edghill BAR 92 09:38:02	David Harrison GBR 95 10:28:38	Graham Johnston USA 95 10:27:62	Roger Franks USA 94 11:33:11	Ray Taft USA 89 12:15:49	Norbert Arius CAN 95 12:45:40	Ray Taft USA 94 14:48:88	Gus Langner USA 93 16:53:80	Gus Langner USA 93 20:43:31		
1500 metres	Rob Mackle USA 92 16:21:25	Bruce Hayes USA 94 17:05:28	Arne Borgstrom NOR 94 17:05:28	Hess Yntema USA 95 18:10:24	Sandy Gallely GBR 94 18:32:56	Angus Edghill BAR 91 18:45:72	David Harrison GBR 94 19:45:72	Graham Johnston USA 95 19:48:44	Roger Franks USA 94 21:57:69	Ray Taft USA 88 23:59:12	Dexter Woodford USA 94 24:46:19	Gus Langner USA 93 28:43:31	Gus Langner USA 93 32:20:20	Gus Langner USA 93 51:43:20		
BACK 50 metres	Martin Harris GBR 94 00:25:43	Jay Yand USA 94 00:26:58	William Specht USA 94 00:27:54	Laci Perenyi GER 95 00:28:77	Robert Smith USA 94 00:29:33	Graham Sykes GBR 93 00:30:14	Jack Boatlie USA 94 00:35:61	Paul Hultinger USA 94 00:35:71	Otto Claus GER 95 00:43:71	Gastino Figueiredo BRA 95 00:55:03	Gus Langner USA 93 01:15:84	Gus Langner USA 93 02:02:52				
100 metres	Martin Harris GBR 94 00:54:82	Jay Yand USA 93 00:56:83	William Specht USA 94 00:59:57	Eddie Blach GBR 93 01:03:70	Robert Smith USA 95 01:05:31	Berry Young NZL 94 01:10:88	Jack Boatlie USA 94 01:13:55	Roger Franks USA 94 01:19:07	Ray Taft USA 94 01:21:74	Edward Shea USA 94 01:27:41	Edward Shea USA 94 01:37:17	Dan Doherty BRA 94 02:05:91	Dan Doherty BRA 94 03:21:36	Pedro De Almeida BRA 94 03:31:95		
200 metres	Martin Harris GBR 94 02:01:78	Jay Yand USA 93 02:04:63	William Specht USA 93 02:10:01	John March CAN 95 02:16:72	Tim Birnie USA 92 02:24:39	Stephen Thrasher USA 95 02:30:02	Barry Young NZL 94 02:33:21	Jack Boatlie USA 94 02:40:75	Roger Franks USA 94 02:52:77	Ray Taft USA 94 02:59:92	Edward Shea USA 94 03:02:22	Chester Kozlowski GER 93 03:15:91	Gus Langner USA 94 03:54:42	Gustavo Knudsen DEN 95 04:05:50		
BREAST 50 metres	Guy Farrow AUS 90 00:28:81	Dean Puterman AUS 90 00:29:34	Glen Christiansen GER 93 00:30:10	C. Miltenberger GER 93 00:30:80	K. Wittenhout NED 91 00:31:95	Hiroshi Kotegawa JPN 90 00:33:09	Harry Hunsicker GER 95 00:34:49	Paul Hultinger USA 94 00:35:55	Ray Taft USA 94 00:38:99	Karl Heinz Knops GER 95 00:42:33	Karl Heinz Knops GER 95 00:45:52	Hans Pauli GER 94 00:57:50	Hans Pauli GER 94 01:08:99	Gustavo Knudsen DEN 95 01:08:99		
100 metres	Frank Vilver NED 91 01:04:49	Frank Vilver NED 94 01:04:23	Gerd Kruger GER 90 01:08:30	C. Miltenberger GER 93 01:07:98	Robert Strand USA 92 01:10:41	Drury Gallagher USA 89 01:14:72	Manuel Sanguly USA 88 01:16:32	Harry Hunsicker GER 95 01:19:82	Baron Greenberg USA 94 01:28:48	Baron Greenberg USA 94 01:36:61	Baron Greenberg USA 94 01:46:48	Hironori Yoshimoto JPN 95 01:46:48	Hironori Yoshimoto JPN 95 02:09:33	Hironori Yoshimoto JPN 95 02:09:33		
200 metres	Chris Grindler USA 94 02:24:02	Serge Grindler CAN 95 02:24:52	Greg Harrison USA 89 02:28:35	Greg Harrison USA 93 02:31:37	Robert Strand USA 92 02:45:11	Drury Gallagher USA 89 02:49:98	Michael Moloney AUS 94 02:49:98	Karl Heinz Knops GER 95 02:58:98	Alfredo Da Rosa USA 93 03:16:44	Alfredo Da Rosa USA 93 03:34:29	Alfredo Da Rosa USA 93 04:05:96	Frank Griffiths AUS 93 04:38:98	Gustavo Knudsen DEN 95 04:41:56			
FLY 50 metres	Martin Harris GBR 94 00:25:41	Michael Bottom USA 89 00:25:06	William Specht USA 93 00:25:89	Jerry Heidenereich USA 93 00:26:66	Dan Thompson USA 93 00:27:89	Bert Petersen USA 94 00:28:95	Bob Ballie USA 95 00:30:12	Frank Piemme USA 95 00:31:63	Paul Hultinger USA 94 00:35:25	Birch Davidson USA 94 00:39:71	Jesse Coon USA 91 00:45:08	Jesse Coon USA 91 01:01:38	Jesse Coon USA 91 02:06:37			
100 metres	Brad Wells USA 89 00:57:07	Michael Bottom USA 89 00:56:43	William Specht USA 93 00:57:02	Hess Yntema USA 95 00:58:87	A. McPherson USA 94 01:02:66	Kofi Iwamoto JPN 93 01:05:10	Robert Probstling USA 93 01:09:63	Jack Heile GBR 86 01:16:56	Harry Hunsicker USA 95 01:18:52	Karl Heinz Knops GER 95 01:27:21	Paul Kup USA 92 01:36:80	Walter Pfeiffer USA 94 01:52:51	Walter Pfeiffer USA 94 02:38:62			
200 metres	Gavin Liley GBR 93 02:05:97	Ian Beck GBR 95 02:08:30	William Specht USA 94 02:06:48	Hess Yntema USA 95 02:09:09	Fred Schilcher USA 94 02:23:40	Robert Probstling USA 93 02:29:39	Werner Muller GER 95 02:42:05	Charles Moss USA 93 03:00:10	Robert Piersdorf GER 95 03:07:91	Charles Moss USA 93 03:18:59	Paul Kup USA 92 03:49:00	Walter Pfeiffer USA 94 04:25:99	Walter Pfeiffer USA 94 05:35:91			
MEDLEY 100 metres	Martin Harris GBR 94 00:56:90	Jerome Frentzos USA 95 00:59:88	Richard Hoss USA 92 01:02:30	Ric Cooley USA 89 01:04:80	A. McPherson USA 94 01:07:60	Drury Gallagher USA 89 01:07:60	Peter Berggren SWE 95 01:12:58	Hitoshi Kato JPN 95 01:15:51	Charles Moss USA 93 01:19:45	Ray Taft USA 94 01:27:43	Walter Pfeiffer USA 94 01:44:08	Frank Griffiths AUS 93 02:06:37	Frank Griffiths AUS 93 03:00:53			
200 metres	Roland Lee GBR 91 02:10:85	Jerome Frentzos USA 95 02:09:95	Matt Clark USA 94 02:14:75	Hess Yntema USA 95 02:15:28	Steve Heck USA 94 02:23:89	Drury Gallagher USA 89 02:31:52	Jack Kalo CAN 95 02:43:42	Charles Moss USA 93 02:46:89	Ray Taft USA 94 02:56:23	Ray Taft USA 94 03:08:13	Walter Pfeiffer USA 94 03:20:35	Walter Pfeiffer USA 94 03:50:55	Walter Pfeiffer USA 94 05:02:31			
400 metres	Jerome Frentzos USA 94 04:40:82	Jerome Frentzos USA 95 04:33:17	Clay Evans USA 89 04:43:28	Hess Yntema USA 95 04:43:28	Nikolae Juriv RUS 93 05:12:41	Sandy Gallely GBR 94 05:19:87	Anatoli Khitrov RUS 95 05:47:57	Charles Moss USA 93 06:02:73	Charles Moss USA 93 06:28:87	Ray Taft USA 94 06:50:27	Ray Taft USA 94 07:08:53	Ray Taft USA 94 08:34:45	Ray Taft USA 94 10:47:13			



CALENDAR OF MASTERS OPEN EVENTS

NATIONAL & INTERNATIONAL

1996

			Pool Details						Disciplines				
			S	L	M	Y	E	H	S	O	D	W	Y
JAN.	9-10	Open Masters Long Course Meet Otto Gora, Salvador-Allende-Strasse 21, D12559 Berlin, GERMANY	Phone: 49-30-654-5861	✓	✓			✓	Berlin	GER	✓		
	20-21	7th Ingelheim International Masters Meet Wolfgang Kwidzinski, Gutenbergsstr. 8 D-55294 Bodenheim, GERMANY	Phone: 49-6135-2094	✓		✓		✓	Ingelheim	GER	✓		
	26-28	Welsh Open Masters Long Course Championships Welsh A.S.A., Wales Empire Pool, Wood St., Cardiff CF1 1PP WALES	Fax: 44-1222-342-201	✓	✓	✓		✓	Cardiff	GBR	✓		
FEB.	3	Västeras Open Short Course Masters Meet Lars Ekdahl, Västeras SS, Logarangsbadet, S-72132, Västeras, SWEDEN	Fax: 46-21-183-645	✓		✓		✓	Västeras	SWE	✓		
	3-4	Mallorca Open Masters Short Course Meet Enrique Granados, Carrereta la Vileta, Palma de Mallorca, SPAIN	Fax: 34-71-284-773	✓		✓		✓	Palma de Mallorca	ESP	✓		
	4	Open Masters Short Course Meet Lars Edstedt, Loevstigen 21, S-90343 Umeå, SWEDEN	Fax: 46-90-779-485	✓		✓		✓	Umeå	SWE	✓		
	11	New Zealand Masters Open Water Championships 2.5km David Harper, 30 Charles Dickens Place, Howick, Auckland, NEW ZEALAND	Fax: 64-9- 486-5455						Auckland	NZL		✓	
MAR.	9-10	International "Città di Firenze" Masters Short Course Meet Fiorenza Nuoto, Andrea Prayer, Via Brunetto, Latini 47, I-50123 Firenze, ITALY	Phone: 39-55-571-161	✓		✓		✓	Firenze	ITA	✓		
	22-24	New Zealand Masters National Long Course Championships Mark Berge, PO Box 24034 Manners St., Wellington NEW ZEALAND	Fax: 64-6-494-4028	✓	✓	✓		✓	Wellington	NZL	✓		
	22-24	Swedish Masters Open Short Course Championships Svenska Simförbundet, Idrottens Hus, S 12387 Farsta, SWEDEN	Fax: 46-8-724-6861	✓		✓		✓	Uddevalla	SWE	✓		
	23-24	International Masters Long Course Meet Jarmila Rebekova, Zizkova, CZ-60200 Brno, CZECH REPUBLIC	Fax: 42-5-4121-1333	✓	✓	✓		✓	Brno	CZE	✓		
	23-24	5th Deauville International Masters Long Course Meet Cocktail 14, Piscine Olympique, 14800 Deauville, Normandy, FRANCE	Fax: 33-3198-0277	✓	✓	✓		✓	Deauville	FRA	✓		
	29-31	French Masters Open Short Course Championships Fédération Française de Natation, 148 Avenue Gambetta, F-75020 Paris, FRANCE	Fax: 33-1-4031-1990	✓		✓		✓	Paris	FRA	✓		
	29-31	5th Guernsey International Masters Short Course Meet John Eyre, Belval, Belval Rd., Vale, Guernsey GY3 5LW UNITED KINGDOM	Phone: 44-1481-46030	✓		✓		✓	Guernsey	GBR	✓		
	30-31	Finnish Masters Short Course Open Championships Matti Miettinen, Kulupukki 6, C13, FIN-11710 Riihimäki, FINLAND	Phone: 358-14-723-131	✓		✓		✓	Haemeenlinna	FIN	✓		
	30-31	Trentino Masters International Short Course Meet S.S. Trentino,Masters Nuoto, c/o Giorgio Pisetta, Viodo Al Nuoto 20, I-38100 Trento, ITALY	Fax: 39-461-236-097	✓		✓		✓	Trento	ITA	✓		
APR.	05-06	Tallinn Open Masters Short Course Championships Tavo Villeg, Maakea St.8, App. 14, EE-0006, Tallinn, ESTONIA	Fax: 372-631-3148	✓		✓		✓	Tallinn	EST	✓		
	05-08	AUSSI Masters National Swim Tanya Colyer, PO Box 335, Jamison Centre, ACT 2614 AUSTRALIA	Fax: 61-6-203-7362	✓	✓	✓		✓	Canberra ACT	AUS	✓		
	19-21	7th International Grand Prix Masters Long Course Meet Jacques Ledecq, Rue Leon, Roubaix 28-B, 6030 Marche-en-Pont, BELGIUM	Fax: 32-7159-1834	✓	✓	✓		✓	Charleroi	BEL	✓		
	26-28	International British Masters Long Course Championships Judy Mott, A.S.A. Harold Fern House, Derby Square, Loughborough LE11 0AL ENGLAND	Fax: 44-1509-610-720	✓	✓	✓		✓	Sheffield	GBR	✓		
MAY	3-5	Scottish Open Masters Short Course Championships Ken McKay, Holmhills Farm, Greenless Rd., Cambuslang, Glasgow G72 8DT, SCOTLAND	Fax: 44-641-4443	✓		✓		✓	Greenock	GBR	✓		
	9-12	USMS Short Course National Championships De Anza Cupertino Aquatics and DAC Masters, PO Box 436, Cupertino, CA 95015-0436 USA	Fax: 1-415-253-6443	✓			✓	✓	Cupertino CA	USA	✓		
	11-12	12th Open Catalunya Masters Long Course Championships Catalunya Swimming Federation, Ruben Sanz, Diputación 237, E-8007 Barcelona, SPAIN	Fax: 34-3-487-8874	✓	✓	✓		✓	Barcelona	ESP	✓		
	17-19	3rd Santa Clara Masters International Meet Dick Jochums / John Bitter, PO Box 2672 - Mission Station, Santa Clara, CA 95055, USA	Fax: 1-408-246-5055	✓	✓	✓		✓	Santa Clara CA	USA	✓		
	17-20	Canadian Masters Long Course Swimming Championships Swim Manitoba, 224-200 Main St., Winnipeg, Manitoba R3C 4M2 CANADA	Fax: 1-204-985-4132	✓	✓	✓		✓	Winnipeg	CAN	✓		
	25-26	Czech Open Master Long Course Championships Josef Koncny, Srankova 481, CZE-76302 Zlin, Czech Republic	Fax: 42-67-61578	✓	✓	✓		✓	Zlin	CZE	✓		
	26-27	2nd Malta Open Masters Long Course Championships Dr. Michael Gianzè, Thistledown, 525/526 Santa Maria Estate, Mellieha SPB 12, MALTA	Fax: 356-520-396	✓	✓	✓		✓	Malta	MLT	✓		
JUN.	14-16	6th Casperle Dutch Open Masters Long Course Meet Henk Wissel, Wijenburg 21, 7339 DH Apeldoorn, NETHERLANDS	Fax: 31-55-417-943	✓	✓	✓		✓	Apeldoorn	NED	✓		
	22-03 July	VIIth World Masters Swimming Championships Leader House, Surry St., Sheffield, S1 2LH ENGLAND	Fax: 44-114-273-6731	✓	✓	✓		✓	Sheffield	GBR	✓	✓	✓
JUL.	09-10	Nordic Masters Open Diving Championships Rolf Mikkola, Finnish Swimming Federation, Radiokatu 20, FIN-00240, Helsinki, FINLAND	Fax: 358-0-147-767						Helsinki	FIN			
AUG.	22-25	USMS Long Course National Championships Mark Lambert, 1000 South State St., Ann Arbor, Michigan 48109 U.S.A.	Phone: 1-313-747-0162	✓	✓	✓		✓	Ann Arbor Mich.	USA	✓		
	29-31	French Open Masters Long Course Championships French Swimming Federation, 148 Av. Gambetta, F-75020 Paris FRANCE	Fax: 33-1-4031-1990	✓	✓	✓		✓	Milau	FRA	✓		
SEP.	28-29	Swiss Open Masters Long Course Championships Sportweg 10.CHI-3097 Liebefeld, SWITZERLAND	Fax: 41-31-971-6019	✓	✓	✓		✓	Geneve	SUI	✓		
OCT.	29-30	A.S.A. Masters Long Course Championships Judy Mott, A.S.A. Harold Fern House, Derby Square, Loughborough LE11 0AL ENGLAND	Fax: 44-1509-610-720	✓	✓	✓		✓	Sheffield	GBR	✓		
NOV.	1-6	Inaugural Malaysian Masters Swimming Festival Allan Ho, Malaysian Amateur Swimming Union, Kuala Lumpur Swimming Complex, Bandar Tun Razak, Jalan Tenteram, Cheras 56-000 Kuala Lumpur, MALAYSIA	Fax: 60-3-201-8586	✓	✓	✓		✓	Kuala Lumpur Langkawi Island	MAS	✓		✓
	16-17	Finnish Masters Open Long Course Championships Matti Miettinen, Kulupukki 6, C13, FIN-11710 Riihimäki, FINLAND	Phone: 358-14-723-131	✓	✓	✓		✓	Espoo	FIN	✓		
	16-17	Czech International Masters Long Course Meet Milan Hlava, U. Koupaliste 575, CZE 40011 Ust nad Labem, CZECH REPUBLIC	Fax: 42-47-63287	✓	✓	✓		✓	Ust nad Labem	CZE	✓		
	30-01 Dec	Ukraine Open Winter Masters Short Course Championships Sergey Fessenko, St. Burmisterko 9/10, app. 27, 252040 Kiev, UKRAINE	Fax: 7-044-2633-5404	✓	✓	✓		✓	Kiev	UKR	✓		

Listings in the Calendar are restricted to National or International events which are open to all Masters. Information about listings should include details as above and should be addressed to:

Tom Logan, FINA Masters Newsletter
PO Box 5092, Mount Maunganui, New Zealand
Fax: (64-7) 575-3625
Internet address: 100354.162@compuserve.com

Pool Details:

- S Short Course
- L Long Course
- M Metres
- Y Yards
- E Electronic Timing
- H Manual Timing

Disciplines:

- S Pool Swimming
- O Open Water Swimming
- D Diving
- W Water Polo
- Y Synchronised Swimming