

FINA Masters News

June 1998

Official Newsletter of the FINA Masters Swimming Committee N° 12

From 19 to 30 June 1998 RENDEZ-VOUS IN CASABLANCA

by Mustapha Larfaoui



With the organization of the 7th FINA World Masters Championships in Casablanca, Morocco, for the first time Africa will be the center of the most important meeting of swimmers, divers, water-polo players, synchronized swimmers and open water swimmers over 25 years old. Several thousands of enthusiastic fans will be there. I promise you that the organizers will give you the best of their capabilities and their welcome will be traditional, natural, hot and full of friendship.

At every age, swimming is one of the best physical activities for improving the way of life. FINA's role is to help, day after day, its 170 National Swimming Federations to obtain the instruction of our four styles in all schools, and to encourage our young to compete for their spirit, as much as for their body.

The Masters Movement is a very useful complement, and I am proud of the result of the work and dedication of all those involved with the development of the Masters competitions around the world. FINA officials are conscious of its importance for the future of the sports movement.

The 7th FINA World Masters Championships will be a milestone in the history of FINA. I say thank you to the organizers and thank you to the participants. Make the most of your stay in such a marvelous city.

THE ORGANIZING COMMITTEE



Farid El Allam, President of the Organizing Committee of the 7th FINA World Masters Championships - Casablanca 1998 (on the right) accompanied by (from left to right) **Victor Nogueira**, FINA Masters Committee Chairman, **Dr Julio Maglione**, FINA Honorary Treasurer, and **Nory Kruchten**, FINA Masters Committee Bureau Liaison.

President : Farid El Allam
Vice-Chairman : Abdelhamid Essakali
General Secretary : Noureddine Kaouty
Financial Manager : Zouheir El Moufty and Driss Talaa
Marketing Manager : Kamal Lahlou
Officials Manager : Mohamed Atouani
Protocol Manager : Driss Mouradi and Abdellah Fiqhi
Medical Manager : Dr Zime Eddine Laraqui and Dr Amina Zakan
Infrastructure Manager : Abdelhamid Essakali

Security Manager : Mohamed Bellaz and Lahcon Majjat
Swimming : Said Lamrini
Diving : Driss Talaa
Synch. Swimming : Zouheir El Moufti
Open Water Swim. : Mohamed Atouani
Water-Polo : Abdelhamid Essakali
Medical : Dr Zine Eddine Laraqui and Dr Amina Zakane
Press and Communications : Abdalhamid Essakali and Said Akadi

THE 1998 FINA MASTERS TECHNICAL CONGRESS

On 18 June 1998, one day before the opening ceremony of the 7th FINA World Masters Championships, the 1998 FINA Masters Technical Congress will take place. This Congress will be held at the Hotel Safir, Casablanca. Registration will begin at 09h00 and the meeting will be open at 10h00.

According to FINA Rule C 13.3.1, each FINA Member Federation may appoint two delegates. All arrangements and expenses for the delegates, such as travel, accommodation, meals and others, should be provided by each National Federation.

Principal items on the agenda:

1. Declaration of a quorum (20 Member Federations)
 2. Welcome to Delegates by FINA President
 3. Introduction of the FINA Masters Committee
 4. Remarks with regard to past activities and future plans for activities in Masters Swimming within FINA
 5. Review of Masters Rules - proposals for changes:
 - General Rules
 - Swimming Rules
 - Open Water Swimming Rules
 - Diving Rules
 - Water Polo Rules
 - Synchronized Swimming Rules
- Simultaneous translation will be provided in English and French

MASTERS COMMITTEE

Chairman:	Victor Nogueira (POR)
Vice Chairman:	Lin Min Shan (TPE)
Hon. Secretary:	Bruce C. Rogers C.A. (CAN)
Members:	Rose M. Cody (PUR), Farid El Allam (MAR), Daniel Garcia (URU), June F. Krauser (USA), Tarja Liljestrom (FIN), Lyall Mortimer (NZL), Zvi Ruttert (ISR), Frantisek Stochi (CZE), Ivan Wingate (AUS)
Bureau Liaison:	Nory Kruchten (LUX)

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MASTERS SWIMMING HISTORY - FACTS

IN THE WORLD - The 1st Senior Age Division Aquatic Competition was held in Canada and was called "Masters Aquatic Championships" because the word "World" could not be used. In 1978 FINA changed rules so that as of 25 February 1979, Federations which desired could allow athletes to participate in international Masters Competitions. It further provided that an individual, who was otherwise an amateur, did not lose his amateur status merely because he swam in a Masters competition in which paid coaches, etc. competed.

Masters Swimming International (MSI)

was formed in 1983. Several countries joined. The purpose was to help promote and regulate the international competitions. The 1st International Masters Swimming Championships were held in 1984 in New Zealand, at Christchurch. They were unofficial. It was attended by 1,100 swimmers from all around the world.

Also, in 1984 FINA formed a Commission of Masters Swimming, and at the FINA Bureau meeting November 9-10, 1985, FINA officially took over the jurisdiction of Masters Swimming. FINA and MSI joined in an agreement (The Pasadena Agreement) in 1985.

The 1st FINA World Masters Swimming Championships were held in 1986 in Tokyo (JPN) under the joint jurisdiction of FINA/MSI and with 3,400 competitors. Japan was followed by Australia in 1988, Brazil in 1990, USA in 1992. The Pasadena Agreement was terminated on January 11, 1993. FINA is now recognized as the World Governing Body of Masters Swimming.

The 5th FINA World Masters Swimming Championships were held in Canada in 1994, and the 6th edition were in Great-Britain in 1996. In a few weeks the 7th edition will take place in Morocco, for the first time in Africa.

FIGURES OF THE FINA WORLD MASTERS SWIMMING CHAMPIONSHIPS

I. DATES AND SITES

1.	1986	July 12-16	Tokyo	(JPN)
2.	1988	October 9-16	Brisbane	(AUS)
3.	1990	August 6-13	Rio de Janeiro	(BRA)
4.	1992	June 25 - July 5	Indianapolis	(USA)
5.	1994	July 4-10	Montreal	(CAN)
6.	1996	June 22 - July 3	Sheffield	(GBR)
7.	1998	June 19-30	Casablanca	(MAR)
8.	2000	July 28 - 8 Sept.	Munich	(GER)

II. STATISTICS

	1 1986	2 1988	3 1990	4 1992	5 1994	6 1996	7 1998	8 2000
TOTAL COMPETITORS	3400	3800	1743	3256	4000	4555		
Swimmers	3400	3594	1743	2406	3474	3837		
Divers	-	93	47	152	116	175		
Synchro Swimmers	-	-	11	128	163	139		
Water Polo Teams	-	7	few	15	12	31		
Open Water Swimmers	-	-	286	375	500	406		
Countries	19	26	34	37	41	46		
World Records	-	91	38	95	82	92		
Clinics/Seminars	-	-	-	-	2	1		
Men Swimmers	-	-	-	1421	1841	2045		
Women Swimmers	-	-	-	985	1633	1792		
Ind. Event Splashes	8000	15000	6002	10680	-	10902		
Heats	-	-	-	1335	1284	1289		
Dives	-	-	-	760	2142	3507		
Water Polo Games	-	-	-	60	27	75		

AUSTRALIA - Aussie Masters Swimming Inc. was formally constituted in 1975. However, adult only swimming clubs have existed in Australia since the first World War, but were more of a social "club" nature and the infrequent competitions were rarely swum over more than 50 meters. The first National Championships were held in 1975 and have been held each year since. The

Federation, the Amateur Swimming Union of Australia, formally recognized Aussi as the body conducting Masters Swimming in Australia.

BRAZIL - As far as is known, Brazil was the first South American country to organize Masters Swimming events, which started around 1981. At first they were organized by the Rio de Janeiro State

Swimming Federation, and only short races were swum (50s and 100s meters). In December 1984, the Masters Swimming Brazilian Association was established, and the majority of the participants had formerly been swimmers who were eager to return to the pool.

NETHERLANDS - In 1982 the Royal Dutch Swimming Federation KNZB asked

a few former top competition swimmers if they thought the development of Masters Swimming, already known in other countries, could be successful in the Netherlands. This small group organized a first meet, mainly as a kind of reunion for the "old boys and girls". It was a hit and they decided to make it a yearly tradition. The tradition grew to become the annual "Open Dutch Short Course Masters Championships", always held in September. Since 1991, it has been complemented by the annual long course events. Today, nation-wide Masters meet are held at least once a month. The most enthusiastic Masters can visit a Masters meet nearly every week-end somewhere in Europe, at a distance of 200 to 1000 km from their residence. Masters swimming as a sport is promoted by the Dutch slogan "improving fitness through swimming pleasure". More and more 25+ people have come into touch with Masters Swimming, and the existing swimming clubs have become increasingly interested and established Masters sections.

NEW ZEALAND - On the 25-27 March 1998, New Zealand Masters Swimming held its 25th Anniversary National Championships at the Kilbirnie Aquatic Center in Wellington. Nearly 400 swimmers competed, and in doing so broke two world records and 62 national records. A week before, there was a less formal gathering where many of the survivors of the first National Championships gathered for a swim meet, followed by a reunion dinner. For a country with a population little more than a large city, Masters Swimming has thrived, and there are some 60 clubs registered.

USA - Back in the 60s, several older swimmers competing for the US Navy became depressed, because even though they occasionally did a lifetime best time, they only earned third and fourth places. One finally said: "I wish we were able to swim against swimmers our own age!" And so was born the idea of competitive swimming for adults. In 1968 a committee was formed on adult age group swimming with Captain Ransom Arthur,

MD as chairman. The first National Swim Meet was held in May 1970 in Amarillo, Texas and welcomed 46 swimmers who competed in three age groups 25-34, 35-44 and 45 and over. Three of those original 46 are still competing today! In 1971 there was an organizational meeting of Masters Swimming held at Yale University, where the objectives and the Goals of the Masters Swimming Program were established. This program was presented to the AAU Joint Swimming Committees (the governing body of US Swimming) at their annual meeting, and was adopted. Masters Swimming became the AAU Masters Swimming Committee. The Athletic Act of 1978 by the US Congress dismantled the AAU, and each sport was to form a new National Governing Body after the 1980 Olympics. United States Aquatic Sports was the name of the corporation that would hold the franchise for Aquatic Sports. In 1981, Masters Swimming became incorporated like the other aquatic sports and became US Masters Swimming.

NOTE FROM THE EDITOR - Other National Federations are invited to send their history facts for publication. Thanks.

NEWS BRIEFS

Rule changes - At the Swimming Technical Congress in Perth (AUS), on January 5, 1998, some changes to the rules were adopted. These rules became effective on March 6th, 1998. Summary of changes :

- Breaststroke - To permit the shoulder to drop on turns and during the swim.
- Butterfly - To permit the shoulder to drop on turns
- Freestyle and Butterfly - To limit underwater portion to 15 meters.

6 % - Did you know that there are only nine swimmers age 30 and over ranked in the top 150 in the final World Rankings in 1997?

Congratulations

Jayne Owen Bruner (USA) - On May 8, 1998, Jayne was inducted into the International Swimming Hall of Fame (ISOF) as a Masters athlete. For over a 16 year period, she has become one of the most successful Masters swimmers in the world. After a layoff of 21 years at age 39, she took up swimming again, this time to lose weight, and in 1974 she joined the Masters Program. To date,

Jayne has set 40 world records in all four strokes plus the individual medley, competing in the Age Groups from 45 to 65 years. She has won 13 World Championships events.

Graham Johnston (USA) - On May 8, 1998, Graham who has been setting records for dozens of years, was also inducted into ISOF as a Masters athlete. He holds Masters Age Group Records for 100 meters to 1500 meters as well as many open water world records. He was the first South African to swim at an American University (Oklahoma in 1951). He represented South Africa in the 1952 Olympic Games. In 1972, at the start of the US Masters Swimming Program, he began training and competing, beginning 26 years of great sport achievement. He has set 47 world records swimming freestyle and individual medley events. He has won 31 World Championships titles.

Artie Shaw (NZL), closely associated with Masters Swimming over the last 12 years as a Vice President of FINA and Bureau Liaison Officer to the FINA Masters Committee from 1987 to 1997, was appointed recently Member of the New Zealand Order of Merit.

PEOPLE

Dr Ron Karnaugh is one of the oldest swimmers ever to represent the USA, Ron Karnaugh (31) was again a bronze medalist in the 200 m. ind. medley at the 8th FINA World Championships in January, in Perth. "Dr Ron", MD. was also the first physician ever to make the national team! "I don't feel 31" he said in Perth, "It keeps me in great shape. Tonight was a step in the right direction toward my desire to compete in the 2000 Olympic Games. I can't quit now. I'm on a roll."

Tom Lane, the oldest competitor in Masters Swimming history, died last year in August of pneumonia at the age of 103. He set three world records in the 100-104 age group.

Rose M. Cody, Member of the FINA Masters Committee, during a clinic for synchronized swimming judges in Costa Rica, met a group of Masters swimmers interested in starting a Masters group in Synchro. She explained everything regarding the Masters Program and some of them are planning on going to Casablanca, if they can get the funding.

NOTICES

FINA MASTERS NEWS

The FINA Masters News has been published since 1993 twice yearly. Material for publication should be sent to the Editor by 15th March for the June Edition and by 15th 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 at the following address:

June Krauser

FINA Masters News
2308 NE 19th Avenue,
Ft.Lauderdale,
Florida 3305, USA
Fax: (1-954) 564-8854
E.mail: Junekrauser@mindspring.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 forwarded to the FINA Office at the following address :

FINA

Avenue de Beaumont 9
1012 Lausanne - Switzerland
Tel : (41-21) 312 6602
Fax : (41-21) 312 6610

OTHERS MASTERS PUBLICATIONS

- GUIDE FOR THE CONDUCT OF MASTERS SWIMMING EVENTS (November 1994) US Dollars 7.-
- MASTERS SWIMMING WORLD TOP TEN TABULATION 1997 - Yearly publication - To know the best in each category US Dollars 10.-

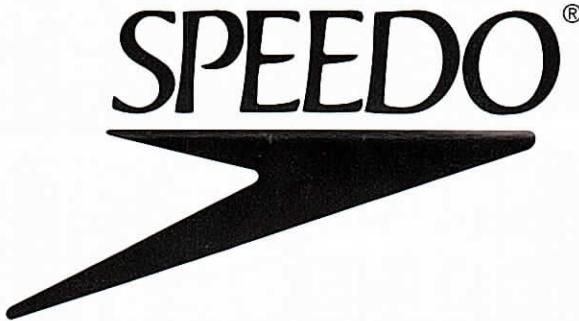
FINA MASTERS PATCHES

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 (1997) for use in conjunction with the Top Ten is also available at \$3.00 (US).

Address: FINA - Av. de Beaumont 9,
1012 Lausanne, Switzerland.

Born in the water



Recognized World Records

A total of 211 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.

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

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

LONG COURSE - WOMEN

Marja Parssinen	FIN	25-29 yrs
50 m Butterfly	00:28.09	26 Oct 97
Ulrike Urbanik	GER	45-49 yrs
200 m Breaststroke	02:57.88	29 Mar 98
Dianne Foster	CAN	50-54 yrs
400 m Freestyle	05:12.02	1 Mar 98
800 m Freestyle	10:36.52	1 Mar 98
Monika Senglben	GER	55-59 yrs
50 m Breaststroke	00:39.43	10 Jan 98

LONG COURSE MEN

Eita Tsumura	JPN	25-29 yrs
200 m Breaststroke	02:26.01	8 Mar 98
Michael Moloney	AUS	55-59 yrs
200 m Breaststroke	02:55.13	25 Oct 97
Tsutomu Kajihara	JPN	65-69 yrs
200 m Breaststroke	03:12.68	28 Feb 98
Shigehisa Sekikawa	JPN	65-69 yrs
50 m Backstroke	00:35.25	28 Feb 98
100 m Backstroke	01:18.77	28 Feb 98
200 m Backstroke	02:51.19	28 Feb 98
Keijiro Nakamura	JPN	75-79 yrs
50 m Freestyle	00:32.11	1 Mar 98
50 m Backstroke	00:38.28	28 Feb 98
Yoshitada Miyamoto	JPN	80-84 yrs
200 m Breaststroke	03:59.90	28 Sep 97
Masahisa Kaneko	JPN	85-89 yrs
100 m Freestyle	01:40.29	28 Sep 97
Masao Ueda	JPN	85-89 yrs
100 m Freestyle	01:39.61	28 Sep 97

LONG COURSE - RELAYS

Oahu Club Kioi-Cho	JPN	4:09.67
Women's 200 m Free	320-359 yrs	8 Mar 98
Hideko Mori	Tayo Furuya	
Sachiko Uta	Yoshiko Walanabe	

SHORT COURSE - WOMEN

Heather Hageman	USA	25-29 yrs
50 m Freestyle	00:26.63	2 Nov 97
Berit Puggaard	DEN	25-29 yrs
100 m Backstroke	01:04.50	1 Nov 97
Manuela Schubert	GER	25-29 yrs
50 m Freestyle	00:26.63	11 Nov 97
Suki Brownsdon	GBR	30-34 yrs
200 m Breaststroke	02:40.08	26 Oct 97
Jill Hernandez	USA	35-39 yrs
400 m Freestyle	04:28.68	19 Oct 97
100 m Butterfly	01:06.46	19 Oct 97
200 m Butterfly	02:25.06	19 Oct 97
400 m Individual Medley	05:17.59	19 Oct 97
Karlyn Pipes-Neilson	USA	35-39 yrs
200 m Freestyle	02:03.56	14 Dec 97
400 m Freestyle	04:24.01	14 Dec 97

50 m Backstroke	00:31.06	14 Dec 97
100 m Backstroke	01:03.56	14 Dec 97
200 m Backstroke	02:14.10	14 Dec 97
100 m Breaststroke	01:15.65	14 Dec 97
50 m Butterfly	00:29.87	14 Dec 97
100 m Butterfly	01:03.29	14 Dec 97
200 m Butterfly	02:18.41	14 Dec 97
400 m Individual Medley	04:52.85	14 Dec 97
Karen Selck	GER	35-39 yrs
50 m Backstroke	00:31.89	8 Nov 97
Katherine Branch	USA	40-44 yrs
1500 m Freestyle	18:59.45	2 Nov 97
Jenny Whiteley	AUS	40-44 yrs
200 m Freestyle	02:13.85	24 Jan 98
Danielle Ogier	USA	45-49 yrs
400 m Freestyle	04:56.05	16 Nov 97
800 m Freestyle	04:53.82	14 Dec 97
200 m Breaststroke	03:00.94	23 Nov 97
300 m Individual Medley	03:00.27	14 Dec 97
100 m Individual Medley	01:14.16	13 Sep 97
200 m Individual Medley	01:13.86	23 Nov 97
200 m Individual Medley	01:13.44	14 Dec 97
400 m Individual Medley	02:40.59	13 Sep 97
400 m Individual Medley	02:40.15	16 Nov 97
400 m Individual Medley	02:40.97	14 Dec 97
400 m Individual Medley	05:43.48	19 Oct 97
400 m Individual Medley	05:44.84	14 Dec 97
Ulrike Urbanik	GER	45-49 yrs
100 m Breaststroke	01:21.88	7 Jan 98
200 m Breaststroke	02:57.70	6 Jan 98
Laura Val	USA	45-49 yrs
400 m Freestyle	04:51.77	13 Sep 97
200 m Butterfly	02:33.70	19 Oct 97
100 m Individual Medley	01:11.82	19 Oct 97
200 m Individual Medley	02:37.59	19 Oct 97
Carol Fellows	GBR	50-54 yrs
50 m Backstroke	00:34.97	8 Nov 97
Dianne Foster	CAN	50-54 yrs
200 m Freestyle	02:27.70	25 Jan 98
400 m Freestyle	05:07.78	25 Jan 98
Jan Macleod	AUS	50-54 yrs
50 m Breaststroke	00:38.48	13 Sep 97
Brigitte Merten	GER	50-54 yrs
200 m Individual Medley	02:50.56	11 Oct 97
200 m Individual Medley	02:48.78	2 Nov 97
Sandra O'Neil	GBR	50-54 yrs
100 m Backstroke	01:19.16	26 Oct 97
Arduth Mueller	USA	55-59 yrs
50 m Butterfly	00:33.66	2 Nov 97
100 m Butterfly	01:18.75	2 Nov 97
200 m Individual Medley	02:52.43	2 Nov 97
Bonnie Pronk	CAN	55-59 yrs
50 m Breaststroke	00:39.38	16 Nov 97
50 m Breaststroke	00:39.01	25 Jan 98
100 m Breaststroke	01:27.25	16 Nov 97
200 m Breaststroke	01:25.92	22 Nov 97
200 m Breaststroke	03:08.87	22 Nov 97
Monika Senglben	GER	55-59 yrs
50 m Breaststroke	00:38.98	8 Nov 97
Margaret Wilding	GBR	55-59 yrs
100 m Backstroke	01:20.73	26 Oct 97
200 m Backstroke	02:58.47	26 Oct 97
Yoshiko Osaki	JPN	60-64 yrs
100 m Freestyle	01:12.23	25 Jan 98
200 m Individual Medley	02:59.95	25 Jan 98
Jane Asher	GBR	65-69 yrs
200 m Freestyle	02:50.40	26 Oct 97
Eliane Pells	BEL	65-69 yrs
50 m Breaststroke	00:43.27	28 Feb 98
100 m Breaststroke	01:36.52	28 Feb 98
Edith Bohn	GER	70-74 yrs
50 m Breaststroke	00:45.74	24 Jan 98
100 m Breaststroke	00:45.26	21 Mar 98
100 m Breaststroke	01:42.97	24 Jan 98
Erika Lange	GER	70-74 yrs
50 m Breaststroke	00:45.56	31 Jan 98
200 m Breaststroke	03:48.92	6 Feb 98
Margery Meyer	USA	75-79 yrs
100 m Freestyle	01:34.19	19 Oct 97
200 m Freestyle	03:27.92	19 Oct 97
400 m Freestyle	07:07.37	19 Oct 97
800 m Freestyle	14:58.24	19 Oct 97
1500 m Freestyle	28:47.41	11 Oct 97
Tsuneko Mita	JPN	75-79 yrs
50 m Breaststroke	00:50.37	25 Jan 98
Jean Durston	USA	80-84 yrs
1500 m Freestyle	34:10.08	14 Dec 97
Marjorie Sharpe	USA	80-84 yrs
100 m Freestyle	01:44.57	28 Sep 97
200 m Freestyle	03:49.19	13 Sep 97
400 m Freestyle	08:04.20	13 Sep 97
800 m Freestyle	16:18.58	11 Oct 97
1500 m Freestyle	30:59.09	11 Oct 97
100 m Backstroke	02:05.60	19 Oct 97
200 m Backstroke	04:31.01	28 Sep 97
Edith Thein	ISR	80-84 yrs
100 m Backstroke	01:57.69	21 Feb 98
200 m Backstroke	04:03.55	21 Feb 98

Anne Walker	USA	80-84 yrs
200 m Backstroke	04:35.24	4 Apr 98
Marti Gogniat	USA	85-89 yrs
200 m Breaststroke	05:59.36	14 Dec 97
Dorothy Weston	GBR	85-89 yrs
50 m Backstroke	01:10.95	29 Mar 98
100 m Backstroke	02:23.91	29 Mar 98
50 m Breaststroke	01:10.47	29 Mar 98
100 m Breaststroke	02:38.75	29 Mar 98
100 m Individual Medley	02:32.68	29 Mar 98

100 m Backstroke	Shigehisa Sekikawa	01:18.28	14 Dec 97
50 m Backstroke	00:34.75	15 Mar 98	
100 m Backstroke	01:16.12	15 Mar 98	
200 m Backstroke	02:47.59	15 Jan 98	
Lee Ath	USA	70-74 yrs	
100 m Breaststroke	01:27.90	14 Dec 97	
Takahiko Noma	JPN	70-74 yrs	
50 m Freestyle	00:30.21	15 Mar 98	
Jack Hale	GBR	75-79 yrs	
50 m Freestyle	00:32.48	26 Oct 97	
100 m Freestyle	01:13.35	26 Oct 97	
50 m Backstroke	00:38.83	26 Oct 97	
100 m Backstroke	01:26.40	26 Oct 97	
50 m Butterfly	00:38.00	26 Oct 97	
Keiji Nakamura	JPN	75-79 yrs	
50 m Backstroke	00:37.47	15 Mar 98	
100 m Backstroke	01:24.21	15 Mar 98	
Anton Cerer	USA	80-84 yrs	
200 m Breaststroke	04:06.10	7 Dec 97	
Aldo Da Rosa	USA	80-84 yrs	
400 m Freestyle	06:46.62	28 Sep 97	
800 m Freestyle	14:24.53	19 Oct 97	
50 m Breaststroke	00:45.44	19 Oct 97	
100 m Breaststroke	01:45.84	28 Sep 97	
50 m Butterfly	03:56.61	19 Oct 97	
100 m Butterfly	00:46.34	19 Oct 97	
100 m Individual Medley	01:36.93	19 Oct 97	
200 m Individual Medley	03:35.06	19 Oct 97	
400 m Individual Medley	07:57.13	19 Oct 97	
Ryuji Fujikawa	JPN	80-84 yrs	
400 m Freestyle	06:54.21	15 Mar 98	
Yoshitada Miyamoto	JPN	80-84 yrs	
50 m Breaststroke	00:44.56	16 Nov 97	
100 m Breaststroke	01:43.91	3 Nov 97	
50 m Butterfly	00:44.75	16 Nov 97	
Toshinari Nakashima	JPN	80-84 yrs	50 m
Butterfly	00:47.56	10 Oct 97	
Hans Paul	GER	90-94 yrs	
50 m Backstroke	01:03.01	7 Mar 98	
50 m Breaststroke	01:05.70	7 Mar 98	
Jim Penfield	USA	90-94 yrs	50 m
Butterfly	01:16.38	22 Feb 98	
100 m Individual Medley	02:51.05	22 Feb 98	

SHORT COURSE - MEN

El Segundo	USA	1:35.70
Men 200 m Free	100-119 yrs	14 Dec 97
Frank Wattles		
Marcel Rinzler		
El Segundo	USA	1:45.73
Men 200 m Medley	100-119 yrs	14 Dec 97
Derek Robinson		
Marcel Rinzler		
El Segundo	USA	1:41.62
Mixed 200 m Free	100-119 yrs	14 Dec 97
Bert Bergen		
Marcel Rinzler		
El Segundo	USA	1:52.80
Mixed 200 m Medley	100-119 yrs	14 Dec 97
Diane Graner Gallas		
Hiedi Hannenian		
St. Laurent	CAN	1:57.67
Women 200 m Free	120-159 yrs	26 Apr 97
Martine Jeffrey		
Nathaline Gingras		
San Diego	USA	2:11.52
Women 200 m Free	200-239 yrs	2 Nov 97
Marilyn Fink		
Lynne Lund		
San Diego	USA	2:29.70
Women 200 m Medley	200-239 yrs	2 Nov 97
Betsy Jordan		
Barbara Dunbar		
San Diego	USA	2:09.08
Mixed 200 m Free	240-279	2 Nov 97
Donald Baker		
Bill Earley		
Kawasaki Itoman SS	JPN	2:47.76
Women 200 m Free	280-319 yrs	15 Mar 98
Mieko Kamoshita		
Midori Kinjo		
Florida Maverick	USA	2:31.20
Men 200 m Medley	280-319 yrs	7 Dec 97
Paul Hutingar		
Joseph Kurtzman		
Coast Masters	USA	2:49.99
Men 200 m Free	320-359 yrs	14 Dec 97
Louis Giberson		
Bob Christians		
Ibaraki Swimming Club	JPN	3:25.72
Men 200 m Free	320-359 yrs	25 Jan 98
Kenjiro Kakei		
Ritsuko Hayashida		

FINA Masters World Records - Dated 1st May 1998
LONG COURSE RELAYS

	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 1:53.20	LONE STAR USA 87 1:53.05	REGATAS PER 95 1:59.32	LOS ALTOS USA 94 2:08.96	NEW ENGLAND USA 94 2:25.83	NEW ENGLAND USA 96 2:38.52	OAHU CLUB JPN 98 4:09.67	
Mary Holmes Beth Mauer Susan Halfacre Tish Bucher	Monica Burk L. Morrison-Casey Brigitte Heuer Jacki Hirsty	C. Changanqui Rosario Vivanco F. Changanqui Sandra Crousse	Laura Val Della Sehorn Susan Roy Carolyn Boak	Jennifer Luker Billie Burill Diane Reed Clara Walker	Clara Walker Petey Smith Billie Burill Diane Reed	Hideko Mori Tayo Furuya Sachiko Uta Yoshiko Watanabe		
Women's Medley 4 x 50 Metres	HOLMES USA 88 2:06.67	HOLMES USA 88 2:08.21	LOS ALTOS USA 94 2:12.91	NEUK GER 92 2:27.18	ETTALONG AUS 97 2:49.52	KOEI KAI JPN 96 3:24.14	OAHKIOHO JPN 97 4:38.16	
Beth Mauer Tish Bucher Deb Walker Mary Holmes	Chris Breedy Laura Val Susan Roy Carolyn Boak	Brigitte Merten Heidi Kampschulte Monika Senftelben Marga Schulze	Pamela Hutchings Elvera Dunn Brenda Casey Ilma Heybing	Kumiko Kubo Masako Hotchama Kazuko Fukagawa Tomiko Omori	Sachiko Uta HIDEKO MORI Tayo Furuya Yoshiko Watanabe			
Men's Freestyle 4 x 50 Metres	JYVASKYLAN FIN 95 1:36.39	LONE STAR USA 86 1:37.43	HOLMES USA 90 1:39.27	OLYMPIC CLUB USA 97 1:45.19	OLYMPIC CLUB USA 97 1:54.45	SHUEI JPN 92 2:10.18	COAST USA 96 2:35.13	
Janne Virtanen Jaane Virtanen An Jaakkola Tommy Rundgren	David Hague Tripp Hedrick James Montgomery Buck Smith	James Lilley Richard Abrahams Chester Mittenberger Timothy Garton	Steve Clark Tim Birnie Robert Strand James Elder	Richard Bassi Bill Van Horn James Kruger Philip Chapman	Shuichi Murayama Isamu Tamura Juzo Tsubota Keijiro Nakamura	Louis Giberson Walter Pfeiffer Woodrow Bowersock Robert Christians		
Men's Medley 4 x 50 Metres	POWERS AUS 90 1:49.84	RED FISH SUI 94 1:48.75	BAYLOR LONE STAR USA 94 1:53.79	OLYMPIC CLUB USA 94 1:58.50	OLYMPIC CLUB USA 97 2:17.51	MAVERICK USA 97 2:33.50	COAST USA 95 3:06.15	
Brad Cooper Anker Brodersen Neil Gynther Angus Waddell	Patrick Ferland Theophile David Etienne Dagon Stefan Voley	Mel Nash Tripp Hedrick Barry Hamilton David Hague	Tim Birnie Richard Bassi Robert Strand James Elder	Richard Bassi James Kruger Tim Timken Philip Chapman	Paul Huting Joseph Kurtzman Robert MacDonald Alan Malone	Brion Winship Robert Christians Walter Pfeiffer Woodrow Bowersock		
Mixed Freestyle 4 x 50 Metres	HOLMES USA 88 1:43.89	HOLMES USA 88 1:44.83	ROCKY MOUNTAIN USA 92 1:47.46	LOS ALTOS USA 94 1:55.50	SAN DIEGO USA 97 2:07.26	OREGON USA 92 2:31.29	DC MASTERS USA 93 3:03.15	
Beth Mauer Sam Seiple Bruce Howell Mary Holmes	Dyne Burrell Michael Green Mark Vandermay Corin Popps	Cathy Drozda Tom Whatley Judy Reed Richard Abrahams	Edward Cazalet Arlene Probsting Laura Val Robert Probsting	Donald Baker Jackie Marr Jeanne Little Bill Early	Gerald Huestis Petey Smith Andrew Holden Pauline Stangel	Nancy Clark Kellee Lemmon Anne Walker David McAfee		
Mixed Medley 4 x 50 Metres	HOLMES USA 88 1:56.58	MICHIGAN USA 96 1:57.58	HOLMES USA 88 2:02.10	TEAM TEXAS USA 97 2:12.71	OLYMPIC CLUB USA 97 2:27.14	HOLMES USA 88 2:37.98	RIO MASTERS BRA 95 3:54.87	
Beth Mauer Sam Seiple Bruce Howell Mary Holmes	Dyne Burrell Michael Green Mark Vandermay Corin Popps		Karfene Wise Keith Bell Chuck Baldwin Sandy Neilson-Bell	Margery Meyer Steve Clark Danielle Ogiar Phillip Chapman		Alberto Mibielli Mano Lenk Luzia Caracciolo Gastao Figueiredo		

FINA Masters World Records - Dated 1st May 1998
SHORT COURSE RELAYS

	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	MICHIGAN USA 96 1:45.93	SAN DIEGO USA 96 1:53.26	SAN DIEGO USA 96 1:59.23	SAN DIEGO USA 97 2:11.52	NEW ENGLAND USA 94 2:25.52	KAWASAKI JPN 98 2:47.76	ST PETE USA 93 4:09.37	
Dyne Burrell Mary Muetting Susie Devlin Sheila Taormina	Karyl Pipes-Neilsen Mathilde Bouwma Beth Knight Nancy North	Barbara Dunbar Sally Karrasch Marilyn Fink Karyl Pipes-Neilsen	Marilyn Fink Barbara Dunbar Lynne Lund Jackie Marr	Clara Walker Billie Burill Jennifer Luker Diane Reed	Mieko Kamoshita Akiko Hatoni Midori Kinjo Kiyoko Kozu	Marian McKechnie Frances Cichanski Win Kennedy Kay Schimpf		
Women's Medley 4 x 50 Metres	SHEFFIELD GBR 93 2:09.61	SAN DIEGO USA 94 2:05.27	SAN DIEGO USA 96 2:12.54	SAN DIEGO USA 97 2:29.70	SOKL HELLAS SWE 96 2:45.48	KOEIKAI JPN 97 3:18.15	SAN MATEO USA 96 4:39.75	
Helen Pratt Linzi Gaywood Pippa Jones Lynne Lee	Vicky Davidson Karyl Pipes Mathilde Bouwma Beth Knight	Marilyn Fink Barbara Dunbar Karyl Pipes-Neilsen Beth Knight	Betsy Jordan Jackie Marr Barbara Dunbar Marilyn Fink	Kerstin Gjores Harriet Degiorgio Barbro Flodstrom Britt Grilli	Mitsuko Kurashige Masako Hotchama Takako Nagata Katumoto Taeko	Helen Roumasset Zada Taft Hilda Buel Audrey Etienne		
Men's Freestyle 4 x 50 Metres	EL SEGUNDO USA 97 1:35.70	BAYLOR LONE STAR USA 92 1:37.89	COLONIALS USA 96 1:40.74	S CAL AQUATICS USA 94 1:47.41	BUCKEYE USA 94 1:58.22	SHUEI JPN 93 2:11.55	COAST USA 97 2:49.99	
Frank Wattles Derek Robinson Marcel Rinzler Bert Bergen	Richard Hess M. Rhodenbaugh Doug Moyse Bobby Patten	Charles Norelli Michael Stenker Thomas Meade Gregory Oxley	Fred Hubbell Frans Nelson Frank Piemme Peter O'Keefe	Sid Hall Thomas Olander Yoshi Oyakawa John Florence	Keiji Nakamura Isamu Tamura Eisaku Hayashi Shuichi Murayama	Louis Giberson Woody Bowersock Walter Pfeiffer Robert Christians		
Men's Medley 4 x 50 Metres	EL SEGUNDO USA 97 1:45.73	BAYLOR LONE STAR USA 94 1:45.01	COLONIALS USA 95 1:54.75	OLYMPIC CLUB USA 96 2:00.35	BUCKEYE USA 94 2:16.44	FL MAVERICK USA 97 2:31.20	RIS 88 JPN 97 3:31.47	
Derek Robinson Dave Huston Marcel Rinzler Bert Bergen	Jay Yarid Bobby Patten Greg Rhodenbaugh Mook Rhodenbaugh	J. Nathan Leech Charles Norelli Gregory Oxley Robert Krotee	Tim Birnie Richard Bassi Robert Strand James Krueger	Yoshi Oyakawa John Medici Thomas Olander John Florence	Paul Huting Robert Macdonald Joseph Kurtzman Alan Malone	Shiro Ishikawa Yasushi Koda Seiichi Matsuda Nori Yamamoto		
Mixed Freestyle 4 x 50 Metres	EL SEGUNDO USA 97 1:41.62	ST PETE USA 96 1:45.78	SAN DIEGO USA 96 1:47.38	LINCOLN USA 89 1:57.25	SAN DIEGO USA 97 2:09.08	OJAI S. BARBARA USA 95 2:35.36	IBARAGI SC JPN 96 3:25.72	
Bert Bergen Diane Graner Gallas Marcel Rinzler Heidi Hanneman	Lisa Summers McKeithen-Bussey William Specht Stuart Barton	Beth Knight Larry Cartwright Karyl Pipes-Neilsen Lee Mench	Paul Huting Colleen Malmen Irene David Ray Padovan	Donald Baker Betsy Jordan Bill Earley Jackie Marr	Frank Piemme Ruth Baar Grace Altus Jurgen Schmidt	Kenjiro Kakei Hiroko Tsuchiya Ritsuko Hayashida Ryuji Fujikawa		
Mixed Medley 4 x 50 Metres	EL SEGUNDO USA 97 1:52.80	LAKESIDE USA 89 1:58.28	WEST HOLLYWOOD USA 94 2:01.59	S CAL AQUATICS USA 96 2:12.20	NORTH CAROLINA USA 95 2:26.10	OJAI S. BARBARA USA 95 2:55.31	RIO MASTERS BRA 95 3:51.75	
Diane Graner Gallas Dave Huston Derek Robinson Heidi Hanneman	William Tingley Michael Higgs Gina Gatti Melinda Schmitt	Andrea Devuono Michael Mealiffe Karen Melick Thomas Reudy	Bonnie Adair Gary Langendoen Karen Melick Bob Congeliere	Jeanne Mitchell John Korthauer Sally Newell Dick Webber	Jay Collins Jürgen Schmidt Frank Piemme Ruth Baar	Alberto Mibielli Mano Lenk Luzia Caracciolo Gastao Figueiredo		

Summary FINA Masters World Records . Dated 1st May 1998

		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
W	50M FREE	00:26.68	00:26.37	00:26.89	00:27.39	00:28.53	00:29.33	00:30.83	00:33.11	00:34.17	00:36.13	00:38.22	00:41.31	00:49.84	00:55.76		05:10.84
O	100M FREE	00:58.23	00:58.09	00:58.94	01:00.63	01:02.42	01:07.34	01:11.01	01:14.25	01:15.29	01:21.57	01:30.42	01:39.30	02:00.66	02:19.62		
M	200M FREE	02:07.11	02:07.84	02:06.94	02:14.97	02:18.05	02:29.22	02:34.88	02:43.83	02:48.51	03:04.56	03:19.07	03:44.00	04:26.52	05:21.55		
E	400M FREE	04:27.53	04:28.76	04:26.17	04:48.82	04:56.06	05:12.02	05:25.59	05:47.52	06:05.22	06:33.15	07:18.50	07:56.31	09:31.21	11:45.66		
N	1500M FREE	09:17.09	09:16.82	09:16.20	09:57.69	10:20.34	10:36.52	11:15.07	12:01.79	12:27.60	13:15.45	14:32.25	16:39.04	20:11.43	30:55.09		
S	50M BACK	00:30.80	00:30.94	00:31.83	00:32.25	00:32.93	00:34.87	00:36.77	00:38.76	00:39.85	00:42.29	00:46.64	00:53.73	00:58.42	01:03.49		
L	100M BACK	01:06.46	01:05.42	01:06.88	01:11.03	01:12.70	01:18.86	01:19.65	01:24.45	01:31.58	01:35.11	01:46.70	02:01.87	02:13.13	02:23.23		
O	200M BACK	02:19.97	02:18.98	02:18.20	02:36.89	02:42.60	02:51.11	02:56.13	03:06.23	03:17.12	03:28.69	03:57.14	04:22.89	04:47.82	05:29.07		
G	50M BREAST	00:32.01	00:34.56	00:34.41	00:35.88	00:36.97	00:38.04	00:39.43	00:42.48	00:43.42	00:47.62	00:52.06	00:59.60	01:09.85	02:13.81		
C	100M BREAST	01:15.31	01:14.52	01:17.44	01:18.57	01:22.27	01:28.70	01:29.53	01:34.12	01:42.04	01:50.09	02:00.48	02:17.08	02:39.02	05:06.09		
R	200M BREAST	02:42.02	02:46.81	02:50.66	02:56.17	02:57.88	03:11.55	03:15.13	03:24.38	03:45.71	04:03.16	04:27.26	05:01.36	05:36.62	10:39.50		
O	50M FLY	00:28.09	00:29.07	00:29.27	00:29.89	00:30.74	00:31.69	00:35.29	00:38.10	00:39.18	00:43.62	00:53.84	01:01.41	01:13.84	04:57.25		
R	100M FLY	01:03.91	01:04.80	01:04.89	01:06.27	01:08.60	01:13.86	01:21.91	01:30.17	01:36.68	01:40.85	02:19.44	02:27.91	02:59.55			
S	200M FLY	02:18.69	02:20.12	02:32.59	02:38.78	03:17.68	03:26.76	03:36.25	03:39.91	04:54.79	05:24.52	07:18.41					
E	200M MEDLEY	02:22.00	02:25.68	02:25.31	02:38.18	02:40.28	02:52.11	02:59.15	03:15.30	03:20.26	03:33.75	04:12.90	04:41.09	05:27.56	12:10.93		
N	400M MEDLEY	05:05.29	05:05.05	05:07.21	05:39.70	05:45.85	06:12.08	06:18.94	06:57.33	07:09.69	07:30.91	09:11.23	10:05.13	11:21.06			
S	50M FREE	00:22.59	00:23.21	00:23.20	00:24.39	00:25.18	00:25.93	00:27.05	00:27.80	00:28.78	00:29.35	00:32.11	00:33.88	00:40.28	00:48.70	01:41.72	02:05.49
M	100M FREE	00:51.25	00:51.50	00:51.49	00:54.45	00:55.66	00:57.86	00:59.82	01:02.80	01:03.39	01:10.16	01:18.28	01:36.11	01:57.91			04:25.98
E	200M FREE	01:52.17	01:54.04	01:55.36	02:01.16	02:03.71	02:08.98	02:17.63	02:22.96	02:21.74	02:38.43	02:51.62	03:03.45	03:48.91	04:28.34		
N	400M FREE	04:03.63	04:07.04	04:07.64	04:20.37	04:24.37	04:43.72	04:53.35	05:04.56	05:03.36	05:48.08	06:17.36	06:40.63	08:14.50	09:40.04		
S	1500M FREE	16:13.89	16:36.06	16:37.34	16:58.52	17:38.65	18:49.43	19:09.48	20:04.73	20:16.54	23:03.23	24:51.78	28:44.42	33:08.42	36:47.02		
L	50M BACK	00:26.68	00:27.26	00:28.04	00:29.10	00:30.30	00:30.63	00:32.36	00:33.13	00:35.25	00:37.10	00:38.28	00:43.15	00:47.70	01:06.09		02:05.54
O	100M BACK	00:57.45	00:58.66	01:00.95	01:03.39	01:05.64	01:07.16	01:12.30	01:14.72	01:18.77	01:24.14	01:29.52	01:39.11	01:53.67	02:30.67		04:57.01
N	200M BACK	02:05.86	02:05.62	02:13.83	02:18.17	02:23.84	02:29.35	02:37.16	02:45.93	02:51.19	03:04.42	03:15.00	03:42.95	04:12.45	05:36.88		
G	50M BREAST	00:28.68	00:29.42	00:29.40	00:30.82	00:32.47	00:32.44	00:33.03	00:34.59	00:37.32	00:39.15	00:42.58	00:43.82	00:51.52	01:16.01		
R	100M BREAST	01:04.11	01:05.65	01:05.67	01:09.47	01:12.38	01:12.32	01:17.87	01:20.56	01:26.06	01:31.05	01:37.55	01:45.24	02:10.64	03:08.18		
C	200M BREAST	02:26.01	02:24.06	02:24.37	02:32.17	02:41.02	02:40.57	02:50.44	02:58.37	03:12.68	03:26.27	03:48.66	03:57.75	04:36.86	06:24.54		
O	50M FLY	00:25.16	00:25.31	00:25.93	00:26.62	00:27.12	00:27.74	00:29.20	00:30.35	00:33.04	00:33.79	00:37.57	00:43.46	00:57.93			
R	100M FLY	00:56.34	00:56.64	00:56.60	00:59.02	01:02.47	01:02.94	01:07.68	01:14.98	01:20.59	01:24.84	01:39.80	01:52.37	02:30.73			
S	200M FLY	02:05.25	02:03.85	02:06.74	02:11.53	02:21.84	02:26.17	02:34.90	02:56.96	03:08.79	03:22.01	03:43.56	04:12.40	05:24.28			
E	200M MEDLEY	02:07.00	02:09.69	02:15.21	02:17.64	02:22.06	02:28.70	02:39.32	02:50.08	02:49.71	03:06.43	03:24.38	03:47.18	04:40.15	06:59.87		
N	400M MEDLEY	04:31.47	04:40.22	04:50.18	04:53.03	05:10.08	05:20.78	05:36.39	06:04.99	06:05.15	06:52.07	07:21.75	08:10.67	10:28.43			
S	50M FREE	00:26.63	00:26.13	00:27.74	00:28.11	00:30.30	00:30.37	00:33.07	00:34.17	00:36.32	00:39.73	00:44.57	00:49.84	01:36.77			
O	100M FREE	00:56.30	00:57.35	00:57.71	01:00.68	01:01.76	01:06.41	01:11.18	01:12.23	01:16.26	01:20.77	01:34.19	01:44.57	02:05.74	03:24.13		
M	200M FREE	01:59.78	02:04.64	02:03.56	02:13.85	02:16.07	02:27.70	02:28.30	02:39.93	02:50.40	03:02.11	03:27.92	03:49.19	04:52.37	07:01.11		
E	400M FREE	04:24.18	04:22.70	04:24.01	04:42.94	04:51.77	05:07.78	05:15.91	05:38.06	06:00.99	06:28.81	07:07.37	08:04.20	10:19.41	14:16.35		
N	1500M FREE	16:36.07	17:23.60	17:43.10	18:59.45	19:14.97	21:22.26	21:35.84	22:54.51	23:38.44	24:57.85	28:47.41	30:59.09	42:10.95			
S	50M BACK	00:30.63	00:30.14	00:31.05	00:31.55	00:32.39	00:34.97	00:35.88	00:38.74	00:40.48	00:42.58	00:48.06	00:55.58	01:10.95	01:55.07		
S	100M BACK	01:04.50	01:03.96	01:03.56	01:10.45	01:10.76	01:19.16	01:19.61	01:24.16	01:30.41	01:35.66	01:48.13	01:57.69	02:23.91	04:19.46		
H	200M BACK	02:17.86	02:16.62	02:14.10	02:34.04	02:37.35	02:48.88	02:58.47	03:05.27	03:15.72	03:27.99	04:04.43	04:03.55	05:23.00			
O	50M BREAST	00:33.60	00:33.13	00:34.63	00:36.22	00:37.54	00:38.48	00:38.98	00:41.74	00:43.27	00:45.26	00:50.37	01:04.37	01:10.47	01:49.01		
R	100M BREAST	01:13.60	01:11.81	01:15.65	01:19.88	01:21.88	01:25.73	01:25.92	01:32.12	01:36.52	01:42.97	01:59.41	02:19.17	02:38.75			
T	200M BREAST	02:40.90	02:40.08	02:44.81	02:53.85	02:57.70	03:06.63	03:08.87	03:19.67	03:38.61	04:22.95	04:54.39	05:59.36				
C	50M FLY	00:28.68	00:29.20	00:29.87	00:30.17	00:30.50	00:33.85	00:33.66	00:38.03	00:38.44	00:44.49	00:52.18	01:02.58	01:24.22			
O	100M FLY	01:01.33	01:03.80	01:03.29	01:06.86	01:07.80	01:12.66	01:18.75	01:29.15	01:33.10	01:40.20	02:05.39	02:28.34	03:20.81			
U	200M FLY	02:17.13	02:19.64	02:18.41	02:29.19	02:33.70	02:55.91	02:55.05	03:17.00	03:32.93	04:48.50	05:22.65	07:12.95				
S	100M MEDLEY	01:06.84	01:05.16	01:06.57	01:11.65	01:11.82	01:17.98	01:21.25	01:26.42	01:28.95	01:38.73	01:51.66	02:06.91	02:32.68			
E	200M MEDLEY	02:23.47	02:20.90	02:23.15	02:33.89	02:37.59	02:50.56	02:52.43	02:59.95	03:18.77	03:31.93	04:12.37	04:40.77	09:49.36			
N	400M MEDLEY	05:04.55	04:53.85	04:52.85	05:32.53	05:43.48	05:56.24	06:32.89	06:50.55	07:07.69	07:24.32	09:07.66	09:50.43	13:48.08			
S	50M FREE	00:22.48	00:22.82	00:23.80	00:24.42	00:24.70	00:25.72	00:26.60	00:27.32	00:28.66	00:30.21	00:32.48	00:35.16	00:38.82	00:50.09		02:06.66
M	100M FREE	00:49.91	00:50.51	00:52.64	00:53.25	00:54.64	00:56.63	00:59.49	01:01.96	01:02.77	01:09.00</td						

FINA Masters World Records - WOMEN'S SHORT COURSE - Dated 1st May 1998

	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	Hageman/Schubert USA 97 26.63	Anna Pettis-Scott USA 93 26.46	Sandy Neilson-Bell USA 95 26.13	Laura Val USA 96 27.74	Laura Val USA 95 30.30	Susan Bartley USA 96 30.37	Ardeth Mueller USA 95 30.37	Jayne Bruner USA 95 33.07	Gail Roper USA 95 34.17	Clara Walker USA 96 36.32	Hatsuho Sugaya NZL 96 39.73	Oiga Johnson NZL 96 44.57	Ume Wada JPN 96 49.84	Atsuko Sugaya JPN 96 49.84	Anna Bauscher USA 93 1.36.77			
100 metres	Sheila Taermann USA 96 56.30	Sandy Neilson USA 86 57.35	Sandy Neilson-Bell USA 94 57.71	Laura Val USA 93 1.06.68	Laura Val USA 96 1.06.41	Ardeth Mueller JPN 94 1.11.18	Yoshiko Osaki USA 96 1.12.23	Gail Roper USA 96 1.16.26	Clara Walker USA 96 1.20.77	Margie Meyer USA 97 1.34.19	Marjorie Sharpe USA 97 1.44.57	Julia Dolce USA 95 2.05.74	Julia Dolce USA 95 2.05.74	Julia Dolce USA 95 4.52.37	Julia Dolce USA 95 7.01.11	Anna Bauscher USA 93 3.24.13		
200 metres	Sheila Taermann USA 96 1.59.78	K. Pipes-Naelsen USA 96 2.04.64	K. Pipes-Naelsen USA 97 2.03.56	Jenny Whitley AUS 98 2.13.85	Laura Val USA 96 2.16.07	Dianne Foster CAN 98 2.27.70	Ardeth Mueller USA 96 2.28.30	Lavelle Stinoff USA 93 2.39.93	Jane Asher GBR 97 2.50.40	Clara Walker USA 96 3.02.11	Margie Meyer USA 97 3.27.92	Marjorie Sharpe USA 97 3.49.19	Julia Dolce USA 95 4.52.37	Julia Dolce USA 95 4.52.37	Julia Dolce USA 95 7.01.11	Julia Dolce USA 95 7.01.11	Anna Bauscher USA 93 3.24.13	
400 metres	Sheila Taermann USA 96 4.24.18	K. Pipes-Naelsen USA 96 8.51.18	K. Pipes-Naelsen USA 97 9.08.34	K. Pipes-Naelsen USA 97 9.21.94	Laura Val USA 95 10.03.82	Dianne Foster CAN 98 10.47.94	Ardeth Mueller USA 96 11.07.78	Laura Val USA 96 11.24.24	Clara Walker USA 96 12.35.26	Jane Krauser USA 96 13.07.28	Margie Meyer USA 97 14.58.24	Marjorie Sharpe USA 97 16.18.58	Julia Dolce USA 95 22.22.74	Julia Dolce USA 95 22.22.74	Julia Dolce USA 95 28.45.45	Julia Dolce USA 95 28.45.45	Julia Dolce USA 95 28.45.45	
800 metres	Sheila Taermann USA 96 16.36.07	K. Pipes-Naelsen USA 96 17.43.10	Lynn Marshall CAN 96 17.43.60	Dianne Foster USA 97 18.59.45	Danielle Oger USA 96 19.14.97	Carolyn Book USA 95 21.22.26	Lavelle Stinoff USA 94 21.35.84	Clara Walker USA 96 22.54.51	Jane Krauser USA 96 23.38.44	Margie Meyer USA 97 24.57.85	Marjorie Sharpe USA 97 28.47.41	Julia Dolce USA 95 30.59.09	Julia Dolce USA 95 42.10.95	Julia Dolce USA 95 42.10.95	Julia Dolce USA 95 42.10.95	Julia Dolce USA 95 42.10.95		
1500 metres	Sheila Taermann USA 96 16.36.07	Karen Burton USA 94 17.23.60	Beth Knight USA 94 17.43.10	Katherine Branch USA 97 18.59.45	Barbara Dunbar USA 96 19.14.97	Carolyn Book USA 95 21.22.26	Lavelle Stinoff USA 94 21.35.84	Clara Walker USA 96 22.54.51	Jane Krauser USA 96 23.38.44	Doris Steadman USA 95 24.57.85	Doris Steadman USA 95 28.47.41	Willy Van Ryssel GBR 91 48.06	Willy Van Ryssel GBR 91 55.58	Dorothy Weston GBR 96 1.10.95	Dorothy Weston GBR 96 1.15.07	Vera Fernance AUS 90 4.19.46		
BACK																		
50 metres	Diane Grainer USA 89 30.63	D. Graener Gallas USA 96 30.14	K. Pipes-Naelsen USA 95 1.03.96	K. Pipes-Naelsen USA 97 1.03.56	Laura Val USA 95 1.10.45	Carol Fellows USA 96 31.55	Satoko Takeuchi GBR 97 34.97	Betsy Jordan USA 97 35.88	Betsy Jordan USA 97 38.74	Doris Steadman USA 95 40.48	Doris Steadman USA 95 42.58	Willy Van Ryssel GBR 91 48.06	Willy Van Ryssel GBR 91 55.58	Dorothy Weston GBR 96 1.10.95	Dorothy Weston GBR 96 1.15.07	Vera Fernance AUS 90 4.19.46		
100 metres	Bertil Puggaard DEN 97 1.04.50	K. Pipes-Naelsen USA 95 1.03.96	K. Pipes-Naelsen USA 97 1.03.56	Laura Val USA 95 1.10.76	Laura Val USA 96 1.19.16	Sandra O'Neil GBR 97 1.19.16	Satoko Takeuchi JPN 97 1.19.61	Betsy Jordan USA 97 1.24.16	Betsy Jordan USA 97 1.30.41	Doris Steadman USA 95 1.35.66	Doris Steadman USA 95 1.35.66	Edith Thein ISR 98 1.48.13	Edith Thein ISR 98 1.57.69	Dorothy Weston GBR 96 2.23.91	Dorothy Weston GBR 96 2.23.91	Vera Fernance AUS 90 4.19.46		
200 metres	J. De Rover NED 92 2.17.86	K. Pipes-Naelsen USA 96 2.16.62	K. Pipes-Naelsen USA 97 2.14.10	Laura Val USA 95 2.34.04	Nancy Fisher USA 95 2.34.04	Ardeth Mueller USA 96 2.48.88	Margot Wilding GBR 97 2.48.88	Betsy Jordan USA 97 3.05.27	Betsy Jordan USA 97 3.15.72	Doris Steadman USA 95 3.27.79	Doris Steadman USA 95 3.27.79	Edith Thein ISR 98 4.00.43	Edith Thein ISR 98 4.03.55	Davoglio Rina ITA 97 5.23.00	Davoglio Rina ITA 97 5.23.00	Davoglio Rina ITA 97 5.23.00		
BREAST																		
50 meters	Ria Willens NED 90 33.60	Suki Brownston GBR 95 33.13	Leslie Osborne USA 89 34.63	Naomi Heimbach USA 95 36.22	Bea Pool NED 94 36.22	Jan MacLeod AUS 97 37.54	M. Salfitbeni GER 97 38.48	Jayne Bruner USA 96 38.98	Eliane Pelissi BEL 98 41.74	Edith Boehrth GER 98 43.27	Tsuneko Mita JPN 98 43.27	Kay Schimpf USA 97 45.26	Kay Schimpf USA 97 50.37	Dorothy Weston GBR 96 1.04.37	Dorothy Weston GBR 96 1.04.37	Doris Venning NZL 91 1.49.01		
100 metres	Ria Willens NED 90 1.13.60	Suki Brownston GBR 95 1.11.81	K. Pipes-Naelsen USA 97 1.15.65	Unke Urbanak GER 95 1.19.88	Unke Urbanak GER 95 1.21.88	Erna Loskamp NED 92 1.25.73	Bonnie Prank CAN 97 1.25.92	Flora Connolly GBR 94 1.32.12	Edith Boehrth BEL 98 1.36.52	Hildegarde Messing GFR 95 1.42.97	Hildegarde Messing GFR 95 1.59.41	Dorothy Weston GBR 94 2.19.17	Dorothy Weston GBR 94 2.38.75	Doris Venning NZL 91 4.05.59	Doris Venning NZL 91 4.05.59	Doris Venning NZL 91 4.05.59		
200 metres	Louise Kengh USA 94 2.40.90	Suki Brownston GBR 97 2.40.08	Dagnar Hilbig GER 95 2.44.81	Unke Urbanak GER 95 2.53.85	Unke Urbanak GER 95 2.57.70	Diane Ford GBR 93 3.06.63	Bonnie Prank CAN 97 3.08.87	Flora Connolly GBR 94 3.19.67	Judie Oliver CAN 97 3.36.61	Erika Lange GBR 98 3.48.92	Hildegarde Messing GFR 95 4.22.96	Dorothy Weston GBR 93 4.54.39	Dorothy Weston GBR 93 5.59.36	Mari Gognal USA 97 5.59.36	Mari Gognal USA 97 5.59.36	Mari Gognal USA 97 5.59.36		
FLY																		
50 metres	Sheila Taermann USA 96 28.68	D. Graener Gallas USA 96 29.20	K. Pipes-Naelsen USA 97 29.87	Laura Val USA 95 30.17	Laura Val USA 95 30.50	Diana Todd USA 94 33.85	Ardeth Mueller USA 97 33.66	Haike Holter GBR 97 38.03	Massumi Tani JPN 96 44.49	Catherine Kerr CAN 96 45.26	Kay Schimpf USA 97 50.37	Dorothy Weston GBR 96 1.04.37	Dorothy Weston GBR 96 1.04.37	Doris Venning NZL 91 1.49.01	Doris Venning NZL 91 1.49.01	Doris Venning NZL 91 1.49.01		
100 metres	Sheila Taermann USA 96 1.01.33	K. Pipes-Naelsen USA 96 1.03.80	K. Pipes-Naelsen USA 97 1.03.29	Laura Val USA 95 1.06.86	Laura Val USA 96 1.07.80	Ardeth Mueller USA 97 1.12.66	Ardeth Mueller USA 97 1.18.97	Haike Holter GBR 97 1.29.15	Edith Boehrth BEL 98 1.36.52	Hildegarde Messing GFR 95 1.59.41	Hildegarde Messing GFR 95 2.19.17	Dorothy Weston GBR 94 2.38.75	Dorothy Weston GBR 94 2.38.75	Jewel Cookle USA 94 3.20.81	Jewel Cookle USA 94 3.20.81	Jewel Cookle USA 94 3.20.81		
200 metres	S. Palmer White AUS 91 2.17.13	K. Pipes-Naelsen USA 96 2.19.64	K. Pipes-Naelsen USA 97 2.18.41	Laura Val USA 95 2.29.19	Laura Val USA 95 2.33.70	Ardeth Mueller USA 97 2.55.91	Ardeth Mueller USA 97 2.55.91	Flora Connolly GBR 94 3.17.00	Massumi Tani JPN 96 3.32.93	Catherine Kerr CAN 96 3.38.39	Catherine Kerr CAN 96 4.46.50	Maxine Merlino USA 88 5.22.65	Maxine Merlino USA 88 5.22.65	Jewel Cookle USA 94 7.12.95	Jewel Cookle USA 94 7.12.95	Jewel Cookle USA 94 7.12.95		
MEDLEY																		
100 metres	Monique Rodahl NZL 89 1.06.84	K. Pipes-Naelsen USA 95 1.05.16	K. Pipes-Naelsen USA 97 1.06.57	Laura Val USA 95 1.11.65	Laura Val USA 97 1.11.82	Carol Fellows GBR 96 1.17.98	Jayne Bruner USA 96 1.21.25	Gail Roper USA 96 1.26.42	June Krauser USA 96 1.38.73	Catherine Kerr CAN 96 1.51.66	Catherine Kerr CAN 96 2.06.91	Marie Lenk USA 95 2.32.68	Marie Lenk USA 95 2.32.68	Jewel Cookle USA 94 3.20.81	Jewel Cookle USA 94 3.20.81	Jewel Cookle USA 94 3.20.81		
200 metres	B. Deuring GER 96 2.23.47	K. Pipes-Naelsen USA 95 2.20.90	K. Pipes-Naelsen USA 97 2.23.15	Laura Val USA 95 2.33.89	Laura Val USA 96 2.37.59	Brightie Merten GFR 97 2.50.56	Yoshiko Osaki JPN 95 2.52.43	Clara Walker USA 91 2.59.95	June Krauser USA 96 3.18.77	Catherine Kerr CAN 96 3.31.93	Catherine Kerr CAN 96 4.12.37	Marie Lenk USA 95 4.40.77	Marie Lenk USA 95 4.40.77	Anna Bauscher USA 93 9.49.36	Anna Bauscher USA 93 9.49.36	Anna Bauscher USA 93 9.49.36		
400 metres	B. Deuring GER 96 5.04.56	K. Pipes-Naelsen USA 95 4.53.85	K. Pipes-Naelsen USA 97 4.52.85	Laura Val USA 95 5.32.53	Laura Val USA 97 5.43.48	Danielle Oger USA 97 5.56.24	Judie Oliver CAN 97 6.32.89	Gail Roper USA 96 6.50.55	June Krauser USA 96 7.07.69	Catherine Kerr CAN 96 7.24.32	Catherine Kerr CAN 96 7.24.32	Marine Merlino USA 88 9.07.66	Marine Merlino USA 88 9.07.66	Jewel Cookle USA 94 13.48.08	Jewel Cookle USA 94 13.48.08	Jewel Cookle USA 94 13.48.08		

FINA Masters World Records - MEN'S SHORT COURSE - Dated 1st May 1998

	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	Robert Peet USA 93 22.48	Rowdy Gaines JPN 89 22.82	Bruce Sahl USA 94 23.80	Charles Nardini USA 95 24.47	Jan Koen Anthofhi NED 95 24.70	Daniel Rogacki USA 97 25.72	Donald Hill USA 89 26.60	Bob Baile USA 35 27.32	Ron Johnson USA 37 28.66	Takahiko Noma JPN 98 30.21	Jack Hale GBR 97 32.48	W. Beversock USA 93 35.16	Reinstadter GER 97 38.82	Gus Langner USA 93 50.09	Tom Lane USA 95 206.66	
100 metres	Bjorn Zirkasy USA 95 49.91	Rowdy Gaines JPN 89 50.51	Mark Morgan AUS 94 52.64	Rick Abbott USA 95 53.25	Terry Downes USA 95 54.64	Kees Lodwig USA 96 56.63	Jack Geoghegan USA 97 59.49	Bob Baile USA 95 1.01.96	Roberto Alberiche ESP 96 1.02.77	Frank Piemme USA 95 1.09.09	Jack Hale GBR 97 1.13.35	Hiroji Ueki JPN 95 1.18.20	Reinstadter GER 97 1.36.18	Gus Langner USA 93 1.58.42	Tom Lane USA 95 4.32.29	
200 metres	John Keppler USA 95 1:48.81	Rowdy Gaines JPN 89 1:50.91	Mark Morgan AUS 94 1:53.66	Hess Yntema USA 95 1:57.83	Tim Broderick USA 96 2:00.13	Tim Birnie USA 96 2:13.20	Jack Geoghegan USA 97 2:21.31	Graham Johnston ESP 96 2:22.13	Roberto Alberiche ESP 96 2:37.86	Frank Piemme USA 95 5.35.49	Ray Taff USA 94 2:48.67	Hiroji Ueki JPN 95 3.01.42	Reinstadter GER 97 3.44.09	Gus Langner USA 93 4.27.70		
400 metres	Alex Koslisch USA 97 3:58.23	Bruce Hayes USA 94 3:59.83	Ewin Van Norden NED 98 4:07.22	Hess Yntema USA 95 4:09.31	Tim Broderick USA 96 4:18.44	Angus Edgill BAR 96 4:36.29	Sandy Gallely GBR 97 4:47.10	Graham Johnston USA 96 5.45.69	Frank Piemme USA 95 5.09.09	Ray Taff USA 94 6.02.95	Allo Da Rosa USA 97 6.46.62	Gus Langner USA 93 7.54.24	Reinstadter GER 97 7.54.24	Gus Langner USA 93 8.50.65		
800 metres	Alex Koslisch USA 97 8:14.75	Bruce Hayes USA 94 8:19.44	James Furmer SUI 96 8:44.90	Hess Yntema USA 95 8:49.63	Tim Broderick USA 96 8:56.08	Angus Edgill BAR 96 9:28.84	Sandy Gallely GBR 97 9:47.45	Graham Johnston USA 96 10.21.62	Frank Piemme USA 95 10.35.13	Ray Taff USA 94 12.45.40	Allo Da Rosa USA 97 14.24.53	Gus Langner USA 93 16.53.90	Reinstadter GER 97 16.53.90	Gus Langner USA 93 16.53.90		
1500 metres	Alex Koslisch USA 97 15:41.81	Bruce Hayes USA 94 16:21.25	James Furmer SUI 97 16:47.64	Hess Yntema USA 95 16:51.71	Jim McConica USA 97 17:24.70	Angus Edgill GBR 94 18:32.56	Sandy Gallely GBR 94 19:18.99	Graham Johnston USA 96 19:48.44	Frank Piemme USA 95 19:53.58	Allo Da Rosa USA 93 22:44.45	Robert Johnston USA 97 24:46.19	Gus Langner USA 93 32:20.20	Reinstadter GER 97 32:20.20	Gus Langner USA 93 44:48.99		
BACK	Martin Harris GBR 94 25.43	Jay Yand USA 94 26.58	Laci Perenyi USA 95 28.77	Robert Smith USA 95 29.33	Vinus Van Baalen CAN 97 30.29	High Wilder USA 97 30.50	Jack Beattie USA 94 34.75	S. Sekikawa JPN 98 34.75	Paul Huiting USA 94 35.71	Keijiro Nakamura JPN 98 37.47	Oto Claus GER 95 43.71	Reinstadter GER 97 47.17	Hans Paul GER 95 1:03.01			
100 metres	Martin Harris GBR 94 54.82	Jay Yand USA 93 56.83	Clay Evans USA 95 1:03.16	Peter O'Keefe USA 95 1:04.94	Hugh Wilder USA 97 1:04.17	Barry Young NZL 94 1:10.88	Jack Beattie USA 94 1:13.55	S. Sekikawa JPN 98 1:16.12	Paul Huiting USA 94 1:21.74	Keijiro Nakamura JPN 98 1:24.21	Edward Shea USA 94 1:37.17	Reinstadter GER 97 1:52.03	Joe Kaufman USA 95 2:40.88			
200 metres	Martin Harris GBR 94 2:01.78	Jay Yand USA 93 2:04.63	William Specht USA 93 2:10.01	John March CAN 95 2:16.72	R. Tod Spieker USA 97 2:21.01	Tim Birnie USA 97 2:24.18	Barry Young NZL 94 2:33.21	Jack Beattie USA 94 2:40.75	S. Sekikawa JPN 98 2:47.59	Paul Huiting USA 94 2:59.92	Ray Taff USA 94 3:10.22	Reinstadter GER 97 3:33.91	Joe Kaufman USA 96 4:11.25			
BREAST	50 metres	Dean Puttman AUS 90 28.81	Wally Dicks USA 95 29.21	Glen Christiansen SWE 97 28.82	Robert Strand USA 95 31.83	Hiroshi Kolegawa JPN 97 31.24	Jack Beattie USA 94 34.41	S. Sekikawa JPN 98 34.41	Paul Huiting USA 94 35.71	Keijiro Nakamura JPN 98 37.47	Oto Claus GER 95 43.71	Reinstadter GER 97 47.17	Hans Paul GER 95 1:02.52			
50 metres	Guy Farrow AUS 90 28.81	Wally Dicks USA 95 30.13	Robert Strand USA 95 1:06.50	Don McKenzie USA 97 1:09.44	Don Strand USA 95 1:09.96	Hiroshi Kolegawa JPN 97 1:19.82	Nick Templeman CAN 96 1:21.34	Lee Arth USA 97 1:27.90	Augusto Romano ITA 94 1:36.61	Y. Miyamoto ITA 94 1:43.91	Reinstadter GER 97 1:52.03	Joe Kaufman USA 95 2:40.88				
100 metres	Hideaki Togo JPN 97 1:03.23	Frank Viuler NED 94 1:04.23	Sege Score CAN 95 2:24.52	Sege Score CAN 95 2:24.52	Ron Schaefer USA 97 2:24.64	Robert Strand USA 95 2:34.41	Darry Gallagher USA 95 2:49.96	Nick Templeman CAN 96 3:06.13	Karl Haule GER 95 3:16.44	Augusto Romano ITA 94 3:24.39	Y. Miyamoto ITA 94 3:44.56	Reinstadter GER 97 3:44.56	Hans Paul GER 95 1:05.70			
200 metres	A. Solano USA 96 2:20.43	Sege Score CAN 95 2:24.52	Ron Schaefer USA 97 1:06.50	Robert Strand USA 95 1:09.44	Robert Strand USA 95 1:09.96	Thomas Walker USA 95 1:16.32	Nick Templeman CAN 96 1:19.82	Lee Arth USA 97 1:27.90	Augusto Romano ITA 94 1:36.61	Y. Miyamoto ITA 94 1:43.91	Dan Dottweilch USA 93 2:09.33	Reinstadter GER 97 2:09.33	Gus Langner USA 93 3:01.95			
FLY	50 metres	Jonas Åkesson SWE 97 25.20	Michael Bottom USA 95 25.06	William Specht USA 95 25.89	Rick Abbott USA 95 26.35	Dan Thompson USA 95 27.08	Bernd Schroeder GER 97 28.35	Bob Baile USA 95 29.10	Ron Johnson USA 95 30.34	Frank Piemme USA 95 34.77	Jack Hale GBR 97 38.00	Paul Kup USA 97 46.05	Reinstadter GER 97 47.89	Hans Paul GER 95 1:16.38		
100 metres	Martin Hermann GBR 93 56.11	Hiroshi Murra JPN 96 54.82	William Specht USA 93 57.02	James Balardi USA 97 58.61	Tom Penn USA 96 1:01.13	Boo Gruber Gallas USA 97 1:02.54	Bernd Schroeder GER 96 1:06.66	Luis Ricardo Simi BRA 97 1:14.21	Luis Ricardo Simi BRA 97 1:18.52	Joe Kurzman USA 95 1:26.98	Paul Kup USA 92 1:36.80	Reinstadter GER 97 1:47.20	Reinstadter GER 97 2:23.30			
200 metres	Gavin Illey GBR 93 2:05.97	Ian Beck GBR 96 2:05.73	William Specht USA 94 2:06.48	James Balardi USA 97 2:08.46	Boo Gruber Gallas USA 96 2:19.73	Koji Hamada USA 97 2:21.58	Luis Ricardo Simi BRA 97 2:36.72	Ron Johnson USA 95 3:06.43	Robert Pierdoff GER 95 3:18.59	Paul Kup USA 92 3:49.00	Anton Ceter USA 97 4:00.64	Jesse Coon USA 95 5:56.91	Reinstadter GER 97 5:56.91			
MEDLEY	100 metres	Martin Harris GBR 94 56.90	Hiroshi Murra JPN 96 57.84	Clay Britt USA 96 59.26	Ric Cooley USA 95 1:02.30	Robert Strand USA 94 1:04.80	Bernd Schroeder GER 98 1:04.97	Bob Baile USA 95 1:10.23	Ron Johnson USA 95 1:12.78	Frank Piemme USA 95 1:15.61	Ray Taff USA 94 1:20.99	Allo Da Rosa USA 97 1:27.43	Reinstadter GER 97 1:36.93	Jim Penfield USA 98 1:56.20		
200 metres	John Keppler USA 95 2:05.93	Pau Brew GBR 96 2:06.69	Spencer Elried USA 94 2:14.75	Matt Clark USA 95 2:15.07	Tim Broderick USA 96 2:22.79	Roberto Alberiche ESP 96 2:25.01	Jack Kelso CAN 95 2:34.42	Graham Johnston USA 91 2:46.69	Jesus Dominguez ESP 96 2:49.10	Ray Taff USA 94 3:00.88	Allo Da Rosa USA 97 3:20.35	Reinstadter GER 97 3:35.06	H. Eisenschmidt USA 91 5:02.31			
400 metres	John Keppler USA 95 4:26.79	Jerome Frenos USA 95 4:33.17	Danusz Wainy POL 97 4:44.33	Hess Yntema USA 95 4:43.28	Lorenzo Maugo ITA 98 5:47.94	Andrew McPherson USA 95 5:18.19	Sandy Gallely GBR 97 5:29.09	Graham Johnston USA 93 6:02.73	Frank Piemme USA 95 6:04.40	Ray Taff USA 94 6:38.98	Allo Da Rosa USA 97 7:08.53	Reinstadter GER 97 7:57.13	H. Eisenschmidt USA 91 10:47.13			

FINA Masters World Records - WOMEN'S LONG COURSE - Dated 1st May 1998

	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 26.88	S. Neilson-Bell USA 88 26.37	S. Neilson-Bell USA 93 27.39	S. Neilson-Bell USA 96 28.53	S. Neilson-Bell USA 96 29.33	Ardeth Mueller USA 95 30.63	Jane Bruer USA 94 33.11	Gail Roper USA 96 34.17	Clara Waller USA 96 36.13	J. Drake-Brockman USA 96 41.31	Hatsuji Sugaya JPN 94 41.31	Ume Wada JPN 96 49.84	Aileen Soule USA 96 55.76	Ume Wada JPN 96 49.84	Aileen Soule USA 96 55.76	Ume Wada JPN 96 55.76	Ume Wada JPN 96 55.76
100 metres	Sara Shand USA 91 58.23	S. Neilson-Bell USA 88 58.09	S. Neilson-Bell USA 94 1.00.63	Laura Val USA 96 1.02.42	Carol Fellows GBR 96 1.07.34	Yoshiko Osaki JPN 93 1.11.01	Jane Asher GBR 91 1.14.25	Jane Asher GBR 96 1.15.29	Clara Waller USA 96 1.21.57	J. Drake-Brockman USA 96 1.30.42	Ume Wada JPN 91 1.39.30	Ume Wada JPN 97 2.00.66	Ume Wada JPN 97 2.00.66	Ume Wada JPN 97 2.00.66	Ume Wada JPN 97 2.00.66	Ume Wada JPN 97 2.00.66	
200 metres	Sara Shand USA 89 2.07.11	Beth Knight USA 89 2.07.84	K. Pipes-Neilsen USA 97 2.06.94	Laura Val USA 94 2.14.97	Ardeth Mueller USA 93 2.29.22	Lavelle Stoinoff USA 93 2.34.88	Clara Waller USA 92 2.43.83	Margery Meyer USA 97 3.04.56	Margery Meyer USA 97 3.19.07	Clara Waller USA 96 3.44.00	Margery Meyer USA 97 4.26.52	Margery Meyer USA 97 4.26.52	Margery Meyer USA 97 4.26.52	Margery Meyer USA 97 4.26.52	Margery Meyer USA 97 4.26.52		
400 metres	Sara Shand USA 89 4.27.53	K. Pipes-Neilsen USA 96 4.28.76	K. Pipes-Neilsen USA 97 4.26.17	Laura Val USA 94 4.48.82	Dianne Footer CAN 98 5.12.02	Ardeth Mueller USA 97 5.25.59	Lavelle Stoinoff USA 93 5.47.52	Clara Waller USA 91 6.05.22	Clara Waller USA 96 6.33.15	J. Drake-Brockman USA 96 6.78.50	Marie Sharpe USA 97 7.56.31	Ume Wada JPN 97 9.31.21	Aileen Soule USA 96 11.45.66	Ume Wada JPN 97 9.31.21	Ume Wada JPN 97 11.45.66		
800 metres	Eva Mortensen GBR 96 9.17.09	Lynn Marshall CAN 92 9.16.62	K. Pipes-Neilsen USA 97 9.16.20	Laura Val USA 93 9.57.69	Barbara Dunbar USA 95 10.20.34	Dianne Footer CAN 98 10.35.52	Ardeth Mueller USA 97 11.50.07	Lavelle Stoinoff USA 94 12.01.79	June Krauser USA 96 12.27.60	Margery Meyer USA 97 13.15.45	Marie Sharpe USA 97 14.32.25	Maxine Merlino USA 97 16.39.04	Aileen Soule USA 96 20.11.43	Maxine Merlino USA 97 30.55.09	Maxine Merlino USA 97 30.55.09		
1500 metres	Amy Pope USA 88 17.38.78	Karen Burton USA 96 17.38.70	Beth Knight USA 94 17.59.12	Barbara Dunbar USA 92 19.00.40	Ardeth Mueller USA 94 19.28.34	Dianne Footer USA 91 21.02.46	Lavelle Stoinoff USA 95 22.50.81	Clara Waller USA 92 24.07.05	June Krauser USA 96 25.11.23	Rita Simonton USA 93 29.45.90	Marjorie Sharpe USA 97 32.09.15	Maxine Merlino USA 97 32.09.15	Aileen Soule USA 96 38.20.39	Maxine Merlino USA 97 38.20.39	Maxine Merlino USA 97 38.20.39		
BACK																	
50 metres	Diane Gruber USA 89 30.80	O. Graner-Gallas USA 96 30.94	K. Pipes-Neilsen USA 97 31.83	Laura Val USA 94 32.25	Satoko Takejui GBR 96 32.93	Margaret Wilding GBR 96 34.87	Betsy Jordan USA 97 36.77	Clara Waller USA 92 38.76	Doris Steadman USA 95 39.85	Willy Van Rysele CBR 91 42.29	Myrtle Wright ALIS 89 46.64	Aileen Soule USA 96 53.73	Alleen Soule USA 96 58.42	Alleen Soule USA 96 1.03.49	Alleen Soule USA 96 1.03.49		
100 metres	Monique Rodahl NZ 89 1.06.46	D. Graner-Gallas USA 96 1.05.42	K. Pipes-Neilsen USA 97 1.06.88	Laura Val USA 97 1.11.03	Satoko Takejui JPN 95 1.12.70	Satoko Takejui JPN 95 1.18.86	Satoko Takejui JPN 97 1.19.65	Betsy Jordan USA 97 1.24.45	Doris Steadman USA 95 1.31.58	Bunny Cedertlund USA 97 1.35.11	Myrtle Wright ALIS 89 1.46.70	Aileen Soule USA 96 2.01.87	Aileen Soule USA 96 2.13.13	Aileen Soule USA 96 2.23.23	Aileen Soule USA 96 2.23.23		
200 metres	Diane Gruber USA 89 2.19.97	K. Pipes-Neilsen USA 96 2.18.96	B. Bazureau FRA 94 2.18.20	Cecilia McCloskey USA 95 2.36.89	Satoko Takejui JPN 92 2.51.11	Satoko Takejui JPN 97 2.56.13	Betsy Jordan USA 97 3.06.23	Doris Steadman USA 95 3.17.12	Doris Steadman USA 96 3.28.69	Doris Steadman USA 96 3.57.14	Myrtle Wright ALIS 89 4.22.89	Aileen Soule USA 97 4.47.82	Alleen Soule USA 96 5.29.07	Alleen Soule USA 96 5.29.07			
BRST																	
50 metres	S. Seminatore ITA 89 32.01	M. Mohrmann GBR 88 34.56	L. Weitzel-Osborne USA 89 34.41	Dagmar Frese GER 96 35.88	Susan Roy USA 94 36.97	Jari Maleded GER 97 38.04	Monica Seiffertben GER 98 39.43	Jayne Briner USA 95 42.48	Edith Boehm FRA 97 43.42	Odette Lusien GBR 93 47.62	Dorothy Weston USA 96 52.06	Marie Gogniat GBR 93 53.73	Dorothy Weston USA 96 58.60	Marie Gogniat GBR 93 1.09.85	Dorothy Weston USA 96 2.13.81	Dorothy Weston USA 96 2.13.81	
100 metres	Charlotte Mustard GBR 96 1.15.31	M. Mohrmann GBR 88 1.14.52	L. Weitzel-Osborne USA 90 1.17.44	Dagmar Frese GER 96 1.18.57	Susan Roy USA 94 1.22.27	Elaine Bromwich GBR 95 1.28.70	Hannelore Reese GER 97 1.29.53	Jayne Briner USA 96 1.34.12	Chiyoko Okura JPN 97 1.42.04	Betty Christian USA 96 1.50.09	Dorothy Weston GBR 93 2.00.48	Marie Gogniat GBR 93 2.17.08	Dorothy Weston USA 96 2.39.02	Marie Gogniat GBR 93 2.39.02	Dorothy Weston USA 96 5.06.09	Dorothy Weston USA 96 5.06.09	
200 metres	Sharron Davies GBR 90 2.42.02	Hideka Koshimizu JPN 95 2.46.81	Dagmar Hilbig GER 96 2.50.66	Dagmar Frese GER 96 2.56.17	Ulrike Urbanak GBR 95 2.57.88	Elaine Bromwich GBR 95 3.11.56	Hannelore Reese GER 98 3.15.13	Masayo Azuma JPN 96 3.24.38	Margaret Evans GBR 94 3.45.71	Betty Christian USA 96 4.03.16	Dorothy Weston GBR 93 4.27.26	Emmy Pauli GBR 93 5.01.36	Dorothy Weston USA 96 5.36.62	Dorothy Weston USA 96 10.39.50	Dorothy Weston USA 96 10.39.50		
FLY																	
50 metres	Nuria Passiuen FIN 97 28.09	Tracey Mol USA 97 29.07	Susan Hallazic USA 98 29.27	Ardeth Mueller USA 94 30.74	Dagmar Frese USA 94 31.69	Gail Roper USA 87 32.59	Jayne Briner USA 94 33.18	Gail Roper USA 95 35.29	Jayne Briner USA 94 38.10	Gail Roper USA 95 43.62	Catherine Kerr CAN 96 53.84	Maxine Merlino BRA 95 1.01.41	Catherine Kerr BRA 95 1.13.84	Maxine Merlino BRA 95 4.57.25	Maxine Merlino BRA 95 4.57.25		
100 metres	Rosemarie Seanan P. Verbauwden BEL 96 1.03.91	K. Pipes-Neilsen USA 97 1.04.80	K. Pipes-Neilsen USA 97 1.04.89	Laura Val USA 92 1.06.27	Laura Val USA 95 1.08.60	Ardeth Mueller USA 93 1.13.66	Hanneke Holter GER 96 1.21.61	Hanneke Holter GER 96 1.30.17	Hanneke Holter GER 96 1.36.68	Kay Schimpf USA 92 1.40.65	Jean Durston USA 94 1.49.44	Maxine Merlino USA 94 2.27.91	Maxine Merlino USA 94 2.27.91	Maxine Merlino USA 94 2.59.55	Maxine Merlino USA 94 2.59.55		
200 metres	S Palmer White AUS 92 2.18.69	K. Pipes-Neilsen USA 96 2.20.12	K. Pipes-Neilsen USA 97 2.20.21	Barbara Dunbar USA 94 2.32.59	Barbara Dunbar USA 94 2.38.78	Ardeth Mueller USA 91 2.49.53	Flora Connolly GBR 94 3.17.68	Flora Connolly GBR 94 3.26.76	Flora Connolly GBR 94 3.36.25	Jayne Briner USA 94 3.39.91	Jayne Briner USA 94 4.54.79	Jean Durston USA 94 5.01.56	Jean Durston USA 94 5.36.62	Katherine Pettitt USA 90 7.18.41	Katherine Pettitt USA 90 7.18.41		
MEDLEY																	
200 metres	Sharron Davies GBR 90 2.22.00	Kathy Pines USA 96 2.25.68	K. Pipes-Neilsen USA 97 2.25.31	S. Neilson-Bell USA 96 2.38.18	Danielle Oger USA 96 2.40.28	Brigitte Merten GER 96 2.52.11	Yoshiko Osaki JPN 95 2.59.15	Flora Connolly GBR 93 3.15.30	Jane Asher GBR 96 3.20.26	Catherine Kerr CAN 96 3.33.75	Maxine Merlino USA 94 4.41.09	M. Lenk-Ziller USA 95 5.27.56	Maxine Merlino USA 94 5.41.09	Maxine Merlino USA 94 5.41.09	Maxine Merlino USA 94 5.41.09	Maxine Merlino USA 94 5.41.09	
400 metres	Sharon Davies GBR 90 5.05.29	Hidaka Koshimizu JPN 95 5.05.05	K. Pipes-Neilsen USA 97 5.07.21	Laura Val USA 93 5.39.70	Danielle Oger USA 97 5.45.85	Ardeth Mueller USA 92 6.12.08	Yoshiko Osaki JPN 93 6.18.94	Flora Connolly GBR 94 6.51.33	Clara Waller USA 92 7.09.59	Jane Asher GBR 96 7.30.61	Maxine Merlino USA 92 9.11.23	Maxine Merlino USA 92 10.05.13	Maxine Merlino USA 92 10.05.13	Maxine Merlino USA 92 10.05.13	Maxine Merlino USA 92 10.05.13		

FINA Masters World Records - MEN'S LONG COURSE - Dated 1st May 1998

	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	Kevin DeForest USA 83 22.59	Rowdy Gaines USA 90 23.21	Rowdy Gaines JPN 94 23.20	Rick Abbott USA 95 24.39	Terry Downes RSA 94 25.18	Keele Lodwig USA 96 25.93	Peter Bergengren SWE 94 27.05	Bob Baile USA 95 27.80	Roberto Alberic ESP 96 28.78	Kelley Lemmon USA 84 29.35	Keijiro Nakamura JPN 98 32.11	W. Bowersock USA 93 33.88	R. Reinstadter GER 97 40.28	Gus Langner USA 33 48.70	John Whitemore USA 95 1.41.72	Tom Lane USA 94 2.05.49
100 metres	Jim Montgomery USA 81 51.25	Rowdy Gaines USA 91 51.30	Rowdy Gaines USA 95 51.49	Vladimir Galavine FRA 95 54.45	Terry Downes RSA 94 55.66	Keele Lodwig USA 96 57.86	Jack Geoghegan USA 97 59.82	Donald Hill USA 92 1.02.80	Roberto Alberic ESP 96 1.03.39	Frank Piemme USA 95 1.10.16	Ray Taft USA 95 1.13.84	Hikaji Ueki JPN 95 1.19.28	R. Reinstadter GER 97 1.36.11	Gus Langner USA 93 1.57.91	Gus Langner USA 95 4.25.98	
200 metres	John Keppler USA 92 1:52.17	Rowdy Gaines USA 90 1:54.04	Rowdy Gaines JPN 94 1:55.36	Hess Yntema USA 95 2:01.16	Tim Broderick USA 96 2:03.71	Alastair MacGregor GBR 96 2:08.98	Jeff Farrell USA 94 2:17.63	David Hartson USA 97 2:22.96	Roberto Alberic ESP 96 2:21.74	Frank Piemme USA 96 2:38.43	Ray Taft USA 95 2:51.62	Hikaji Ueki JPN 95 3:03.45	Gus Langner USA 88 3:48.91	Gus Langner USA 93 4.28.34		
400 metres	Alex Kositsch USA 97 4:03.63	Rowdy Gaines USA 93 4:07.04	Rowdy Gaines USA 95 4:07.54	Hess Yntema USA 96 4:20.37	Tim Broderick USA 96 4:24.37	Sandy Galley GBR 97 4:53.35	Sandy Galley GBR 97 4:53.72	Graham Johnston USA 95 5:04.56	Frank Piemme USA 96 5:03.36	Frank Piemme USA 95 5:48.08	Domei Suzuki JPN 96 6:17.36	Hikaji Ueki JPN 95 6:40.63	Gus Langner USA 88 8:14.50	Alfredo Cherchi AUS 97 9:40.04		
800 metres	Alex Kositsch USA 97 8:24.67	Rowdy Gaines USA 93 8:40.19	Rowdy Gaines USA 95 8:57.66	Hess Yntema USA 95 8:57.73	Tim Broderick USA 96 9:16.09	D. Uilenbaard NED 97 9:48.17	Sandy Galley GBR 97 10:13.32	Graham Johnston USA 95 10:34.02	Frank Piemme USA 95 12:03.73	Ray Taft USA 95 12:58.14	Nobert Anus CAN 94 13:50.05	Gus Langner USA 86 17:11.21	Gus Langner USA 93 20:13.74			
1500 metres	Alex Kositsch USA 97 16:13.89	Bobby Patten USA 93 16:36.06	Rowdy Gaines USA 94 16:37.34	Hess Yntema USA 95 16:58.52	Todd Bryan USA 96 17:38.65	Sandy Galley GBR 93 18:49.43	Sandy Galley GBR 97 19:09.48	Graham Johnston USA 95 20:04.73	Frank Piemme USA 95 23:03.23	Robert Johnson USA 97 24:51.78	Robert Johnson USA 97 28:44.42	Gus Langner USA 89 33:08.42	Gus Langner USA 93 36:47.02			
BACK	Martin Harris GBR 94 26.88	Sean Murphy USA 94 27.26	Thompson Mann USA 94 28.04	Clay Evans USA 96 29.10	Richard Bober USA 96 30.30	Hugh Wilder USA 97 30.63	Jack Geoghegan USA 97 32.36	S. Sekikawa JPN 98 33.13	Paul Hüttinger USA 95 35.25	Paul Hüttinger USA 95 37.10	Keijiro Nakamura JPN 98 38.28	Toshiji Sato JPN 95 43.15	R. Reinstadter GER 97 47.70	Alfredo Cherchi AUS 97 1:06.09		
100 metres	Jon Winter NZL 97 57.45	Sean Murphy USA 94 58.66	William Specht USA 93 1:00.95	Peter O'Keefe USA 90 1:03.39	Peter O'Keefe USA 95 1:05.64	Hugh Wilder USA 97 1:07.16	Steven Thrasher USA 97 1:12.30	S. Sekikawa JPN 98 1:14.72	Paul Hüttinger USA 95 1:18.77	Ray Taft USA 95 1:24.14	Toshiji Sato JPN 95 1:29.52	Edward Shear USA 95 1:39.11	Fritz Monke GER 97 1:53.67	Tom Lane USA 94 2:30.67		
200 metres	Martin Harris GBR 94 2:05.86	Sean Murphy USA 94 2:05.62	Tom Wolf USA 90 2:13.83	Peter O'Keefe USA 90 2:18.17	Peter O'Keefe USA 95 2:23.84	Tim Birne USA 97 2:29.35	Barry Young NZL 94 2:37.16	Donald Brown USA 93 2:45.93	S. Sekikawa JPN 98 2:51.19	Roger Franks USA 97 3:04.42	Ray Taft USA 94 3:15.00	Edward Shear USA 95 3:42.95	R. Reinstadter GER 97 4:12.45	Peter Jurek USA 95 5:36.88		
BREAST																
50 metres	James Parack GBR 96 28.68	David Gutrie GBR 96 29.42	Gerald Monken GER 96 29.42	Timothy Shead RSA 97 30.82	Don McKenzie RSA 97 32.44	Hiroshi Kotegawa JPN 93 32.44	Akio Sugiyama JPN 95 34.59	John Kortheuer USA 97 33.03	Toshio Tajima JPN 95 37.32	Hiromu Yoshimoto JPN 95 39.15	Y. Miyamoto JPN 97 42.58	Toshiji Sato JPN 95 43.82	Karl Wittenberg GER 95 51.52	Andrew Kalunki USA 95 1:16.01		
100 metres	James Parack GBR 96 1:04.11	David Lundberg USA 91 1:05.65	David Gutrie USA 95 1:05.67	Doug Malcolm USA 97 1:09.47	Timothy Shead RSA 97 1:12.38	Don McKenzie USA 97 1:12.32	John Kortheuer USA 88 1:17.87	Thomas Walker GBR 96 1:20.56	Nick Templeman CAN 96 1:26.06	Augusto Romano ITA 93 1:31.05	Y. Miyamoto JPN 97 1:37.55	Mitsuo Shimo JPN 97 1:45.24	George Segurine FRA 96 2:10.64	Tom Lane USA 94 3:08.18		
200 metres	Eita Tsumura JPN 98 2:26.01	David Lundberg USA 91 2:24.06	David Gutrie USA 95 2:32.17	Rick Colibita USA 92 2:41.02	Gerhard Preiner GER 94 2:40.57	William Gonzalez USA 96 2:50.44	Thomas Walker GBR 96 2:58.37	Karl-Heinz Knops JPN 96 3:12.68	Augusto Romano ITA 94 3:26.27	Aldo da Rosa ITA 94 3:34.86	Harold Perry USA 96 3:57.75	Gus Langner USA 93 4:36.86	Gus Langner USA 93 6:24.54			
FLY																
50 metres	Mike Bottom USA 83 25.16	Mike Bottom USA 88 25.31	Richard Hess GER 96 25.68	Peter Dahlberg RSA 97 29.40	Keiji Lodwig USA 96 30.82	Hiroshi Kotegawa JPN 93 32.44	Akio Sugiyama JPN 95 34.59	John Kortheuer USA 97 33.03	Toshio Tajima JPN 95 37.32	Hiromu Yoshimoto JPN 95 42.58	Y. Miyamoto JPN 97 43.82	Toshiji Sato JPN 95 51.52	Jesse Conn USA 95 57.93			
100 metres	Mike Bottom USA 84 56.34	Mike Bottom USA 88 56.64	Jeff Stewart USA 96 56.60	Hess Yntema USA 95 59.02	Doug Malcolm USA 97 1:02.47	John Kortheuer USA 97 1:12.32	Thomas Walker GBR 96 1:17.87	Wally Dobler USA 94 1:20.56	Joseph Kurtzman USA 92 1:26.06	Augusto Romano ITA 93 1:31.05	Y. Miyamoto JPN 97 1:37.55	Anton Ceter USA 92 1:39.80	Jesse Conn USA 96 1:52.37	Jesse Conn USA 96 2:30.73		
200 metres	M. Lukasek TCH 84 2:05.25	Bobbi Patten USA 95 2:03.85	Jeff Stewart USA 95 2:06.74	James Belardi USA 97 2:11.53	Boo Graner-Gallas USA 96 2:21.84	Boo Graner-Gallas USA 97 2:26.17	Peter Gilmour USA 97 2:34.90	Luis Ricardo Simi BRA 97 2:56.96	Joseph Kurtzman USA 91 3:08.79	Valentin Weber GER 97 3:12.68	Anton Ceter USA 92 3:22.01	Anton Ceter USA 92 3:43.56	Frank Griffiths AUS 93 4:12.40	Frank Griffiths AUS 94 5:24.28		
MEDLEY																
200 metres	Nicolas Granger FRA 94 2:07.00	David Lundberg USA 91 2:09.68	Dian Madriga BRA 94 2:15.21	Keiji Lodwig USA 96 2:22.06	Tim Broderick USA 96 2:27.12	Ryui Takamine JPN 96 2:27.74	Bob Baile USA 95 2:39.20	Masayasu Kamiya JPN 96 30.35	Frank Piemme USA 95 33.04	Ray Taft USA 94 33.79	Y. Miyamoto JPN 97 37.57	Anton Ceter USA 92 37.57	Jesse Conn USA 95 4:40.15	Peter Jurek USA 95 6:59.87		
400 metres	Nicolas Granger FRA 94 4:31.47	Sean Murphy USA 94 4:40.22	Sergio Fesenko UKR 94 4:50.18	Hess Yntema USA 95 4:53.03	Tim Broderick USA 96 5:10.08	John Calvert USA 96 5:20.78	Edward Gazzel USA 97 5:28.70	Roberto Alberic ESP 96 5:30.32	Jesus Dominguez ESP 96 5:49.71	Ray Taft USA 94 5:56.43	Anton Ceter USA 92 5:57.07	Ado da Rosa USA 97 7:21.75	Frank Griffiths AUS 94 8:10.67	Frank Griffiths AUS 94 10:28.43		

CALENDAR OF MASTERS OPEN EVENTS NATIONAL AND INTERNATIONAL

1998

JUN 19-30 7th FINA WORLD MASTERS CHAMPIONSHIPS Farid El Allam, 28 rue Argana (ex rue Sequein), Casablanca, Morocco Tel: (212-2) 395 601 Fax: (212-2) 395 487, 398 754 All disciplines - LCM - Electronic Timing	SEP 20 16th OPEN DUTCH MASTERS SWIMMING CHAMPIONSHIPS Rob Hanou, Alblasserdamstraat 36, 6843 NJ Arnhem, The Netherlands Tel / Fax: (31-26) 381 2001 E.mail: r.hanou@hetnetnl Swimming: SCM, all 50's and 100's, all relays, Indoor - Heerenveen
JUL 11-12 OPEN SPANISH MASTERS CHAMPIONSHIPS Federacion Espanola de Natacion c/o Juan Esplandiu 1, E-28007 Madrid, Spain Tel: (34-1) 557 2006 Fax: (34-1) 409 7062 Swimming: LCM, 8 Lanes, Outdoor - Mataro (Barcelona)	SEP 26-27 INTERNATIONAL MASTERS MEET "HILDESHEIMER ROSE" Dieter Engelke, Wiesenstrasse 27a, D-31134 Hildesheim, Germany Tel: (49-5121) 877 070 Fax: (49-5121) 877 070 Swimming: SCM, 8 Lanes, Indoor
JUL 18 INTERNATIONAL MASTERS MEET Lothar Rauner, Weststrasse 7, D-09335 Gersdorf, Germany Tel: (49-37203) 689 35 Fax: (49-37203) 68935 Swimming: LCM, 8 Lanes, Outdoor	SEP 26 - 27 OPEN AUSTRIAN MASTERS CHAMPIONSHIPS Austrian Swimming Federation, Braunhubergasse 21/G6/2, A-1110 Vienna, Austria Tel: (43-1) 749 8194 Fax: (43-1) 749 8195 Swimming: SCM, 6 Lanes, Indoor
JUL 19-20 8th SPANISH MASTERS SUMMER CHAMPIONSHIPS Spanish Swimming Federation, Juan Esplandiu 1, E-28007 Madrid, Spain Tel: (34-1) 557 2021 Fax: (34-1) 409 7062 Swimming: LCM, 8 Lanes, Outdoor	OCT NEW ZEALAND MASTERS SHORT COURSE CHAMPIONSHIPS South Island Section - Venue not yet finalized North Island Section - Rotorua Aquatic Center, Rotorua, New Zealand
AUG 10-14 NIKE WORLD MASTERS GAMES Sandi Rousseau, Oregon Masters, 23995 SW Drake Lane, Hillsboro, OR 97123, USA Tel: (503) 642 3679 E.mail: tsrousse@ix.netcom.com Swimming: LCM	OCT 03 INTERNATIONAL DANUBE MASTERS MEET Gisela Cseko, Am Schopwerk 26, A-1120 Vienna, Austria Tel: (43-1) 662 2350 Fax: (43-1) 6622350 Swimming: LCM, 8 Lanes, Indoor
AUG 13-16 INTERNATIONAL VASTERAS MASTERS GAMES Lars Ekdahl, Vasteras SS, Loegarangsbadet, S-72132 Vasteras, SWEDEN Tel: (46-21) 186 236 Fax: (46-21) 183 645 E.mail: vss@vasteras.mail.telia.com Swimming: LCM, 10 Lanes, Indoor Diving: 1m, 3m, 10m - Water Polo - Long Distance Swimming	OCT 18-23 HONDA MASTERS GAMES SWIMMING Games Office, P. O. Box 1095, Alice Springs N. T. 0871, Australia
AUG 15-16 SWISS OPEN MASTERS CHAMPIONSHIPS Peter Herzig, Freiburgstrasse 66, CH 3280 Murten, Switzerland Tel: (41-26) 6721436 Fax: (41-31) 342 5174 Swimming: SCM, Indoor	OCT 23-25 NATIONAL MASTERS SHORT COURSE CHAMPIONSHIPS - SHEFFIELD A.S.F.G.B. - c/o Judy Mott, Harold Fern House, Derby Square Loughborough, LE11 5AL Great Britain Tel: (44-1509) 230431 Fax: (44-1509) 610 121 Swimming: SCM, 8 Lanes, Indoor
AUG 20-23 USMS NATIONAL LONG COURSE CHAMPIONSHIPS Stu Marvin, ISHOF Aquatic Complex, 501 Seabreeze Blvd. Ft. Lauderdale, FL 33316, USA Tel: (1-954) 468 1580 Fax: (1-954) 468 1582 Swimming: LCM - Electronic Timing	OCT 24-25 INTERNATIONAL MASTERS MEET Karl Hackl, Gruenaustrasse 7, A-6912 Hoerbranz, Austria Tel: (43-5573) 83097 Swimming: SCM, 6 Lanes, Indoor
AUG 28-30 OPEN FRENCH SUMMER MASTERS CHAMPIONSHIPS Federation Francaise de Natation, 148 Av. Gambetta, F-75020 Paris, France Tel: (33-1) 40311770 Fax: (33-1) 4031 1990 Swimming: LCM, 8 Lanes, Outdoor	OCT 24-25 5 TROFEO INTERNAZIONALE MASTERS "C.N. SAINT VINCENT" Centro Nuoto Saint Vincent, c/o Pierangelo Ghibaudo, Via Trento 7, I-11027 Saint Vincent, Italy Tel: (39-166) 79495 Fax: (39-166) 61723 Swimming: SCM, 8 Lanes, Indoor
SEP 05 INTERNATIONAL MENDRISIO MASTERS MEET Cavardini Matyas, Via Benasconi 20, CH 6850 Mendrisio, Switzerland Tel: (41-79) 214 6600 or (41-91) 923 5569 Fax: (41-91) 923 5569 Swimming: LCM, 8 Lanes, Outdoor	OCT 24-25 OPEN FINNISH MASTERS L.C. CHAMPIONSHIPS - TURKU Martti Miettinen, Kiulupolku 6, C 13, FIN - 11710, Riihimaki, Finland Tel: (358-19) 723 131 Fax: (358-19) 481 191 Swimming: LCM, 8 Lanes, Indoor
SEP 06 INTERNATIONAL BELLINZONA MASTERS MEET Flavio A. Bomio, P. O. Box 1137, CH-6501 Bellinzona, Switzerland Tel: (41-91) 825 5324 Fax: (41-91) 826 1940 Swimming: LCM, 8 Lanes, Outdoor	OCT 24-26 INTERNATIONAL OPEN NORWEGIAN MASTERS DIVING - STAVANGER Monica L. Hanssen, Myrull Vn. 23, N-4330 Algard, Norway Tel: (47-92) 637 381 Fax: (47-51) 410 555 Diving: 1m, 3m, 10m
NOV 16-17 INTERNATIONAL MASTERS MEET Milan Hlava, Vojnovicova 22, CZE 40001 Ustnad Labem, Czech Republic Tel: (420-47) 66835 Fax: (420-47) 632 87 Swimming: LCM, 8 Lanes, Indoor	OCT 31-NOV 1 ASIA PACIFIC MASTERS GAMES SWIMMING Gold Coast, Queensland, Australia Tel/Fax: (61-8) 8344 1217