

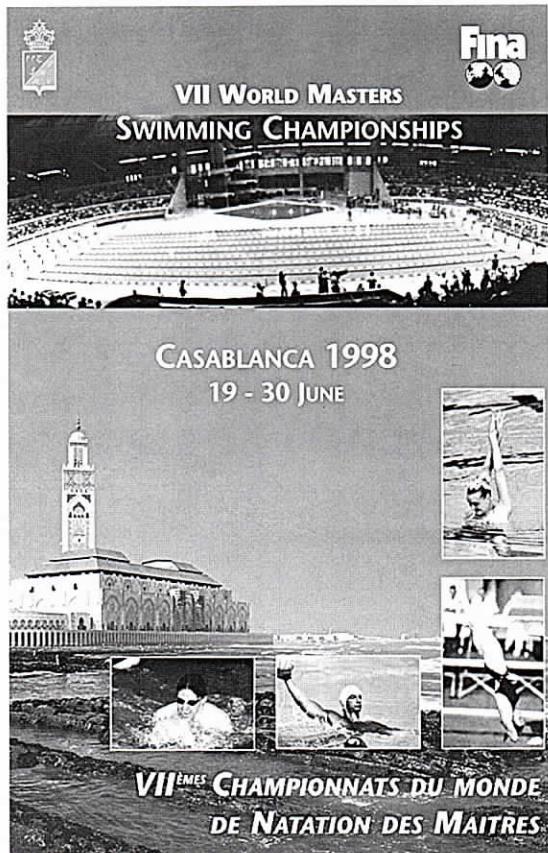
December 1997

Official Newsletter of the FINA Masters Swimming Committee

N° 11

12

SOON IN CASABLANCA



To competition swimmers, divers, water-polo players of all ages, the FINA Executives, the President, Mustapha Larfaoui, the Honorary Secretary, Gunnar Werner, and the Honorary Treasurer, Dr Julio Maglione, present their best wishes for the New Year. May the rendez-vous that our Moroccan friends have made with us, from 19 to 30 June 1998, in Casablanca, for the 7th FINA World Masters Championships, be a celebration of sport for all and proof that our disciplines are practiced at all ages for the pleasure, the well-being and the health of its participants. Don't forget the preparation of the important FINA Masters Congress to be held on 18 June, 1998 also in Casablanca.

THE 1998 MASTERS TECHNICAL CONGRESS

**18 June 1998,
in Casablanca, MAR**

All the information concerning this Congress has been sent to the National Federations according to FINA Rule C13.2. All proposals concerning the modifications of the Rules, presented by National Federations, the FINA Bureau or the Masters Technical Committee, have been collected. The proposals will be considered at the next FINA Bureau Meeting to be held in Perth, in January, and thereafter, forwarded with recommendations to each National Federation for review before the Congress.

Among these proposals, please note:
Deletion of the Rule forbidding teachers or professionals from participating in Masters competitions.

The disqualification of any swimmer having a false start.

An adaptation of the Masters Rules in relation to the evolution of Synchronized Swimming.

Please also remember that each FINA Member Federation may designate two delegates. These nominations must be presented to the FINA Permanent Office, in Lausanne, before April 30, 1998.

7th FINA WORLD MASTERS CHAMPIONSHIPS

WELCOME TO CASABLANCA

by Farid El Allam, President of the Organizing Committee
and of the Royal Moroccan Swimming Federation

Conscious of the extent of its responsibility and the high stakes of such an event, the Organizing Committee of the 7th World FINA Masters Championships is sparing no effort to ensure that the infrastructure accommodating these competitions is totally ready for the month of June 1998.

The commissions, already in place are well underway:

- The repair work on the pools at the Mohamed V Complex has already started.
- Hundreds of entries and hotel reservations have been registered

through the general secretariat of the Organizing Committee.

As soon as the renovation work (locker rooms and sanitary installations) is completed, the pool at the Mohamed V Complex will be better than new.

All participants are welcome for an enjoyable but serious competitions and also to visit a splendid City.

The 7th World FINA Masters Championships will be a very important moment in the history of sport in Morocco.

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FINA WORLD MASTERS CHAMPIONSHIPS CASABLANCA 1998

ORGANIZING COMMITTEE MEMBERS

Chairman : Ahmed Zaki; Vice-Chairman : Mohamed Mekaoui; Secretary General : Farid El Allam; Financial Directors : Zhoueir El Moufti, Driss Talaa; Commercial Director : Kamal Lahlou; Officials' Director : Mohammed Atouani; Infrastructure Directors : Azzedine Zidouhia, Mohamed Billaz

SITES

Swimming : Complex Sportif Mohammed V (main pool - 8 lanes - 2 m. deep)

Diving and Synchronized Swimming : Complexe Sportif Mohammed V (diving pool)

Water Polo : Complexe Sportif Mohammed V (main and stadium pool)

Open water swimming : Atlantic Ocean at Mohammedia Town Beach (35 minutes from Casablanca) - Temperature between 20 and 24 °

AGE RESTRICTION OF PARTICIPANTS (1)

SWIMMING - 25 years

DIVING - 25 years

SYNCHRONIZED SWIMMING - 25 years

OPEN WATER SWIM - 25 years

WATER-POLO - 30 years

(1) as of this date 31 December 1998

FEES

Individual Registration : US\$ 30.00 per competitor
Additional event fees :

- Diving : US\$ 7.00 per event
- Open Water Swimming : US\$ 30.00 per event
- Swimming Individual Events : US\$ 7.00 per event
- Swimming Relay Events : US\$ 28.00 per event
- Synchronized Swimming : US\$ 7.00 per event
- Water Polo : US\$ 390.00 per team

SCHEDULE OF EVENTS AND AGE GROUPS

1. SWIMMING

June 17 and 18

Training

June 19

200 m Individual Medley

50 m Butterfly

100 m Freestyle

June 20

200 m Breaststroke

400 m Freestyle

June 21

400 m Individual Medley

100 m Breaststroke

200 m Mixed Medley Relay

June 22

200 m Backstroke

50 m Breaststroke

100 m Butterfly

June 23

200 m Freestyle

50 m Backstroke

200 m Mixed Freestyle Relay

June 24

200 m Butterfly

50 m Freestyle

100 m Backstroke

June 25

800 m Freestyle

Age groups

Individual events : 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, and five year age groups as high as necessary.

Relay events : based on the total age of team members in whole years : 100-119, 120-159, 160-199, 200-239, 240-279, 280-319, 320-359 and forty year increments as high as necessary.

2. DIVING

June 17 and 18

Training

June 19

W - 1 m 25-49, 65-80+

M - 3 m 25-49, 65-80+

June 20

W - 1 m 50-64

W - 3 m 35-49, 65-80+

M - 1 m 65-80+

M - 3 m 50-64

June 21

W - 3 m 25-34, 50-64

M - 1 m 25-64

June 22

W - Platform 25-80+

M - Platform 25-80+

Age groups

Springboard events : 1 and 3 m - 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 and five year age groups as high as necessary

Platform events : 5 m, 7,5 m & 10 m - 25-29, 30-39, 40-49, 50-59, 60-64, 65-69, 70-74, 75-79, 80+ and five year age group as high as necessary

3. SYNCHRONIZED SWIMMING

June 23-24

Training

June 25 :

Figures

June 26 :

Solo and trios

June 27 & 28 :

Duets and teams

Age group

Figures : 25-29, 30-39, 40-49, 50-59, 60-79 and over

Solo & Duet events : 25-29m 30-39, 40-49, 50-59, 60-79, 80 and over

Trio & Team events : 25-34, 35-49, 50-64 and over

4. OPEN WATER SWIM

June 26

15h00 - 5 km

Age groups : 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, and five year age groups as high as necessary.

5. WATER POLO

June 26

Training

27 to 30

During 4 days : Competitions

Age groups : The age of the youngest member of the team determines the age group of the team. The following age group apply for men, mixed and women's teams : 30+, 35+, 40+, and five year intervals as high as necessary.

VII FINA WORLD MASTERS CHAMPIONSHIPS 19 - 30 JUNE 1998 - CASABLANCA, MOROCCO QUALIFYING TIME STANDARDS

Qualifying Time Standards will apply to the following events and age groups. The Referee will have the right to withdraw a swimmer from a heat if he/she is excessively delaying the meet. Medals will not be awarded to those individuals exceeding the qualifying times.

WOMEN	200 FREE	400 FREE	800 FREE	200 BACK	200 BREAST	200 FLY	200 I.M.	400 I.M.
25 - 29	2:51.20	6:07.75	13:00.04	3:20.38	3:40.80	3:12.45	3:15.92	6:57.51
30 - 34	2:55.81	6:07.75	13:00.04	3:20.38	3:42.26	3:24.19	3:17.18	6:58.86
35 - 39	2:55.81	6:12.32	13:09.88	3:26.50	3:46.16	3:36.28	3:24.79	7:19.11
40 - 44	3:17.02	7:04.54	14:41.09	3:47.66	4:08.31	4:03.50	3:44.86	8:15.65
45 - 49	3:22.93	7:15.93	15:38.11	4:00.07	4:14.42	4:26.28	3:56.50	8:38.17
50 - 54	3:40.51	7:57.44	16:24.02	4:11.13	4:28.71	4:51.38	4:07.01	9:10.68
55 - 59	3:54.01	8:18.99	17:10.32	4:34.82	4:41.53	4:59.91	4:29.28	9:57.49
60 - 64	4:06.73	8:49.88	17:46.81	4:41.02	4:56.05	5:18.64	4:37.68	10:23.92
65 - 69	4:24.62	9:33.53	19:27.54	5:08.28	5:32.89	6:30.25	5:14.74	11:27.44
70 - 74	4:47.27	10:15.39	20:56.83	5:26.36	5:47.15	8:09.70	5:37.23	13:30.33
MEN	200 FREE	400 FREE	800 FREE	200 BACK	200 BREAST	200 FLY	200 I.M.	400 I.M.
25 - 29	2:32.69	5:35.20	11:45.21	2:53.50	3:15.06	2:52.46	2:50.52	6:18.66
30 - 34	2:34.00	5:35.20	11:48.61	2:59.25	3:17.96	2:53.05	2:55.42	6:24.81
35 - 39	2:39.19	5:46.34	11:51.10	3:06.40	3:25.08	3:03.86	3:00.44	6:32.68
40 - 44	2:51.13	6:10.18	12:52.82	3:18.47	3:36.87	3:18.48	3:12.96	7:04.08
45 - 49	2:56.18	6:23.30	13:11.82	3:30.26	3:45.81	3:18.68	3:23.54	7:27.02
50 - 54	3:00.83	6:49.28	14:05.34	3:37.28	3:54.72	3:41.38	3:31.25	7:46.48
55 - 59	3:11.09	7:02.53	14:33.25	3:52.96	4:07.29	4:08.96	3:45.24	8:19.38
60 - 64	3:26.35	7:28.64	15:48.05	4:03.50	4:15.28	4:30.83	3:55.34	8:59.11
65 - 69	3:30.87	7:45.15	16:26.83	4:18.52	4:37.29	4:52.24	4:12.76	9:31.27
70 - 74	3:53.14	8:34.57	19:02.90	4:40.24	4:54.11	5:24.97	4:40.02	10:19.58

VI EUROPEAN MASTERS SWIMMING AND DIVING CHAMPIONSHIPS 1997

3-7 September 1997 - Prague, CZE

This event was a tremendous party of not only 3,253 participants but also 2,000 coaches, family members and spectators. The five days of competition showed a demonstration of people striving - no matter what their age - to be in good physical condition and totally prepared for such an event.

410 GOLD MEDALS IN SWIMMING

3,112 participants in swimming coming from 706 clubs and 31 countries, competing in 36 events with 9,228 individual swims and 658 relays : new records of participation! Four World Masters records for long course were broken. One of the record breakers was the former European Champion Dimitri Volkov (RUS). Many former Olympic Medallist and World Champions competed, for example; Sergei Fesenko, Alksander Siderenko, both from Ukraine, Galina Prozumenshikova (RUS) and the Germans Manuela Schubert-Stellmach, Petra Thumer-Katzur, Angela Franke, Caren Metschuk-Mahn... The oldest competitor was Jan Karpisek (CZE). Born in 1906 and swimming in the 90-94 age groups, he was first in the 50 meter free with a time of 2:03.04. The no-false start rule was adopted. Also deckseeding in the 400 and 800 meter freestyles, which were swum with two swimmers per lane. 107 swimmers were disqualified. Most of them for a false start. 410 gold medals were awarded in swimming to the competitors from 26 federations.

GERMANY ALSO TOPS IN DIVING

In diving, 141 competitors from 67 clubs of 19 National Federations took part with 294 individual entries. The Germans collected the most medals of these Championships. The oldest diving competitor was Gertrud Greusing (GER). Born in 1916 she won in the 80-84 age group from the 1-meter and 3-meter boards. Representatives from the Moroccan Swimming Federation (organizers of the 7th World Masters Championships to be held in Casablanca in 1998) were present to acquire new experiences.

4th LATIN AMERICAN & CARIBBEAN CHAMPIONSHIPS

**2-6 September 1997,
Oaxtepec, Morelos, MEX**

This event, celebrated every two years, included clubs representing Argentina, Bermuda, Brazil, Ecuador, Guatemala, Mexico, Panama,

Trinidad & Tobago and Venezuela. In all, 1,138 swimmers signed up representing over 90 clubs. The maximum number of entries for each swimmer was seven events excluding open water swimming. All championship results can be found on the internet at : <http://www.matem.unam.mx/carlosh/natacion.html>

The innovative feature of this meet was the successful implementation of the swimming competition schedule, the 19-39 age groups in the morning and the +40 in the afternoon. The relays were swum in the sandwich. This method gave everyone the opportunity to do some sight seeing. The awards were handed out to the three best teams - Olympic medal System - with Acuatica Nelson Vargas (MEX) in first place with 59 gold medals; second was Rio Masters (BRA) with 52 gold medals and third Dorados Club (ARG) with 48 gold medals.

NEWS BRIEFS

MASTERS SWIMMING CANADA

Greetings from 6000+ members of Masters Swimming Canada. Our summer season has just ended, and with it the chance to train outdoors, except for the few that brave the polar bear swims over the winter, and we have just held our annual general meeting of members. There have been several changes on the Board of Directors :

President : Mary Lou Monteith
(British Colombia)
Vice-President : Geoff Camp (Ontario)
Treasurer : Paul Guerard (Quebec)
Secretary : Glen Anderson (Manitoba)
The season of indoors meets will culminate with the Canadian Championships in Edmonton, Alberta in May of 1998. All international participants will be welcome. For further information please contact Aart Looye at (looyea@censsw.gov.ab.ca) or on the world web on the national web page (<http://www.compusmart.ab.ca/dwellis/nat98/>). For information about schedules and times please contact the national Office at (902) 883-8833 or by e-mail at (jspry msc a ns symapatico.ca).

(From Geoff Camp)

ABOUT US MASTERS SWIMMING

This 1997 US Masters Swimming Convention was held in conjunction with the United States Aquatic Sport annual meetings. The following new officers were elected :

President : Nancy Ridout from Novato, CA.
Vice-President : Jack Geoghegan from Rye, NY
Secretary : Betsy Durrant from Virginia Beach, VA
Treasurer : Jeanne Ensign from Seattle, WA

The President, Nancy Ridout has competed in Masters competitions since their beginning

in 1972. She presently swims in the 55-59 age group. She served USMS as Vice-president, Secretary, Co-Editor of SWIM Magazine and on numerous committees. Her objectives are : 1) gather as many ideas and information as possible to put together a plan for the 21st century; 2) promote a team approach in the leadership of USMS; 3) promote Masters swimming throughout the US as a means of achieving and maintaining fitness for life; 4) develop regional membership goals by opening up facilities and recruiting coaches; 5) continue the spirit of fun and friendship and foster these elements at every opportunity. 891 participants including 361 women from 140 different clubs were in Orlando, Florida, on the 14-17 of August for the 1997 USMS Long Course National Championships. 15 individual and 2 Relay World Records were broken.

HAWAIIAN OCEANFEST

On September 2-7, eight teams of lifeguards competed in various events in the Pacific Ocean off the coast of Hawaii. The entries included teams from AUS, CAN, GBR, JPN, NZL et USA (Florida, California, Hawaii). Each team was asked to bring a girl for demonstration events. Only four brought a girl with their team of men. Tracie Moll, 33, a ten year Fort Lauderdale beach lifeguard and a member of the Gold Coast Masters, was invited to join the Florida team. This invitation came after Tracie's great showing at the US Masters Swimming LC National Championships held in Orlando, Florida, in August. She won five events and broke the existing world record in the 50 meter fly. But instead of being a part of a demonstration event, Tracie was asked to be part of Team Florida and she swam the third leg on the six man relay. Although they were in first place after her leg the team ended up fourth. As she says, "I'll do it next year if I make Team Florida. It was just magical there - purely paradise".

INNSBRUCK FOR 1999

Innsbruck (AUT), the two time city of Winter Olympic Games (1964 and 1976) will host the VII European Masters Championships in 1999. The "oldies" from all over Europe will meet from 25 to 29 August in the capital of Tyrol surrounded by the mountains of the Alps.

AUSSI MASTERS SWIMMING

It may appear as if we are being a bit pedantic, but constitutionally if AUSSI is not capitalized it is incorrect! We are not a short for Australian (Aussie), we are the adult Union of Senior Swimmers International (AUSSI). The AUSSI purpose is : "To encourage adults, regardless of age or ability, to swim regularly in order to promote fitness and improve general health."

SPECIAL MASTERS ISSUE

For the very first time a national post office honored the Masters and brought out a special issue stamp. The Czech post sold a 11 Kc. stamp, which shows a freestyler with the text "Mitrovstvi Evropy Plavani a Skocich do Vody, Praha 1997" (European Masters Championships in Swimming and Diving, Prague 1997)

WEB SITES

United States Masters Swimming has a very extensive web site (<http://www.usms.org>). It provides complete and easily available information on places to swim, competitive rankings, a calendar, results etc. The "Masters Discussion Forum" is a particularly interesting and innovative feature. Don't forget also the FINA web site (<http://www.fina.org>). But in looking at this site there are no links listed for their member federations. Please tell us about web sites that can help people learn about swimming in your country.

WHO WERE THOSE MASKED SWIMMERS

Australian swimmer Susie O'Neill and teammate Michael Klim modeled the latest "speed-mask", an all-in one cap and goggles designed to improve swimmers' speed. They resemble the ones worn years ago by older swimmers who had trouble diving in with goggles.

Recognized World Records

A total of 224 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

Tracie Moll	USA	30-34 yrs
50 m Butterfly	00:29.07	18 AUG 97
Karlyn Pipes-Neilsen	USA	35-39 yrs
200 m Freestyle	02:07.11	29 Jun 97
	02:06.94	10 Aug 97
400 m Freestyle	04:26.17	10 Aug 97
800 m Freestyle	09:16.20	16 Aug 97
50 m Backstroke	00:31.83	29 Jun 97
100 m Backstroke	01:06.88	29 Jun 97
200 m Backstroke	02:21.51	29 Jun 97
	02:18.20	10 Aug 97
100 m Butterfly	01:04.89	10 Aug 97
200 m Butterfly	02:22.69	29 Jun 97
	02:20.21	10 Aug 97
200 m Medley	02:25.31	29 Jun 97
400 m Medley	05:07.21	29 Jun 97
Jacki Hirsty	USA	45-49 yrs
50 m Freestyle	00:28.66	18 Aug 97
100 m Freestyle	01:03.19	18 Aug 97

NOTICES

FINA MASTERS NEWS

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

June Krauser

FINA Masters News
2308 NE 19th Avenue,
Ft.Lauderdale,
Florida 3305, USA
Fax : (1-954) 564-8854
Email : Juneswim@aol.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 to the following address :

FINA

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

200 m Freestyle Danielle Ogier	02:21.02 USA	18 Aug 97 45-49 yrs	200 m Breaststroke Monika Senftleben	03:15.19 GER	03 Sep 97 55-59 yrs
100 m Freestyle	01:04.58	18 Aug 97	50 m Breaststroke	00:39.79	29 Jun 97
200 m Freestyle	02:19.96	18 Aug 97		00:39.61	2 Aug 97
400 m Freestyle	04:56.06	29 Jun 97		00:39.54	6 Sep 97
200 m Medley	02:42.01	29 Jun 97			
	02:40.28	18 Aug 97			
400 m Medley	05:45.85	29 Jun 97			
	05:48.81	18 Aug 97			
Laura Val					
50 m Freestyle	00:28.57	27 Jul 97			
100 m Freestyle	01:02.78	27 Jul 97			
400 m Freestyle	04:56.06	10 Aug 97			
50 m Backstroke	00:32.93	27 Jul 97			
100 m Backstroke	01:12.70	27 Jul 97			
200 m Medley	02:40.95	27 Jul 97			
	05:48.29	27 Jul 97			
	05:51.59	10 Aug 97			
Deb Walker					
200 m Breaststroke	03:05.12	22 Jun 97			
	03:01.69	18 Aug 97			
200 m Medley	02:46.03	18 Aug 97			
Jan Macleod					
50 m Breaststroke	00:38.04	3 May 97			
Elaine Bromwich					
200 m Breaststroke	03:16.53	8 Jun 97			
	03:16.47	18 Aug 97			
Ardeth Mueller					
50 m Freestyle	00:30.83	10 Aug 97			
200 m Freestyle	02:34.88	19 Jul 97			
400 m Freestyle	05:25.59	19 Jul 97			
800 m Freestyle	11:15.07	10 Aug 97			
1500 m Freestyle	21:09.91	10 Aug 97			
100 m Butterfly	01:21.91	10 Aug 97			
Bonnie Pronk					
200 m Breaststroke	03:16.90	27 Jul 97			
Nancy Ridout					
50 m Freestyle	00:31.80	29 Jun 97			
	00:31.70	27 Jul 97			
	00:31.54	18 Aug 97			
Hannelore Roese					
GER	01:29.53	4 Sep 97			
100 m Breaststroke					

OTHERS MASTERS PUBLICATIONS

- **GUIDE FOR THE CONDUCT OF MASTERS SWIMMING EVENTS**
(November 1994) US Dollars 7.-
- **MASTERS SWIMMING WORLD TOP TEN TABULATION 1996** - Yearly publication - To know the best in each category
US Dollars 7.-

NEW FINA PUBLICATION

- **HistoFINA** - 2nd edition - 1908-1998 - All basic information about the history of the Fédération Internationale de Natation Amateur
US Dollars 25.-

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 (1996/1997) for use in conjunction with the Top Ten is also available at \$ 3.00 (US).

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

LONG COURSE MEN

Alex Kostich	USA	25-29 yrs
400 m Freestyle	04:05.78	29 Jun 97
400 m Freestyle	04:03.63	29 Jun 97
800 m Freestyle	08:24.67	29 Jun 97
1500 m Freestyle	16:13.89	10 Aug 97
Jon Winter	NZL	25-29 yrs
100 m Backstroke	00:57.45	18 Apr 97
James Belardi	USA	40-44 yrs
200 m Butterfly	02:11.53	29 Jun 97
Doug Malcolm	USA	40-44 yrs
100 m Breaststroke	01:09.47	18 Aug 97
Chester Miltenerger	USA	45-49 yrs
100 m Breaststroke	01:12.44	18 Aug 97
Timothy Shead	RSA	45-49 yrs
50 m Breaststroke	00:32.47	29 Mar 97
100 m Breaststroke	01:12.38	29 Mar 97
Tim Birnie	USA	50-54 yrs
200 m Backstroke	02:29.35	29 Jun 97
Boo Graner-Gallas	USA	50-54 yrs
100 m Butterfly	01:02.94	29 Jun 97
200 m Butterfly	02:26.17	29 Jun 97
Don McKenzie	USA	50-54 yrs
50 m Breaststroke	00:32.44	29 Jun 97
100 m Breaststroke	01:12.32	29 Jun 97
Donald Uijtenbogaart	NED	50-54
800 m Freestyle	09:48.17	4 Sep 97
Hugh Wilder	USA	50-54 yrs
50 m Backstroke	00:30.63	6 Jul 97
100 m Backstroke	01:07.16	6 Jul 97
Edward Cazalet	USA	55-59 yrs
200 m Medley	02:39.32	27 Jul 97
400 m Medley	05:44.49	27 Jul 97
Bruce Clark	USA	55-59 yrs
200 m Medley	02:39.40	29 Jun 97
Juergen Dietze	GER	55-59 yrs
50 m Backstroke	00:32.70	4 Sep 97
Sandy Galletly	GBR	55-59 yrs
400 m Freestyle	04:53.35	26 Apr 97
800 m Freestyle	10:13.32	26 Apr 97
1500 m Freestyle	19:09.48	8 Jun 97
400 m Medley	05:43.50	8 Jun 97
Jack Geoghegan	USA	55-59 yrs
100 m Freestyle	00:59.82	18 Aug 97
400 m Freestyle	04:53.53	18 Aug 97
50 m Backstroke	00:32.36	18 Aug 97
Peter Gilmour	AUS	55-59 yrs
100 m Butterfly	01:07.68	29 Mar 97
200 m Butterfly	02:34.90	27 Mar 97
William Gonzalez	USA	55-59 yrs
200 m Breaststroke	02:50.44	29 Jun 97
200 m Medley	02:39.99	29 Jun 97
400 m Medley	5:36.39	29 Jun 97
Steven Thrasher	USA	55-59 yrs
100 m Backstroke	01:12.30	9 Mar 97
Vinus Van Baalen	CAN	55-59 yrs
50 m Backstroke	00:32.66	2 Mar 97
Ermirio Vittorio	ITA	55-59 yrs
400 m Freestyle	04:55.93	17 May 97
1500 M Freestyle	19:52.45	31 May 97
David Harrison	USA	60-64 yrs
200 m Freestyle	02:22.96	29 Jun 97
Luis Ricardo Simi	BRA	60-64 yrs
200 m Butterfly	02:56.96	21 Apr 97
Graham Johnston	USA	65-69 yrs
800 m Freestyle	10:29.26	29 Jun 97
Masayasu Kamiya	JPN	65-69 yrs
50 m Butterfly	00:33.07	8 Jun 97
		00:33.04
John Kortheuer	USA	65-69 yrs
50 m Breaststroke	00:37.32	18 Aug 97
Roger Franks	USA	70-74 yrs
200 m Backstroke	03:04.42	18 Aug 97
Valentin Weber	GER	70-74 yrs
200 m Butterfly	03:22.01	4 Sep 97
Anton Cerer	USA	80-84 yrs
400 m Medley	08:13.49	13 Jul 97
Robert Johnston	USA	80-84 yrs
1500 m Freestyle	28:44.42	18 Aug 97
Yoshitada Miyamoto	JPN	80-84 yrs
50 m Breaststroke	00:44.02	8 Jun 97
		00:43.82
		00:44.84
100 m Breaststroke	01:45.24	24 Aug 97
50 m Butterfly	00:45.04	8 Jun 97
		00:43.46
Aldo da Rosa	USA	80-84 yrs
50 m Breaststroke	00:45.43	27 Jul 97
100 m Breaststroke	01:45.93	27 Jul 97
200 m Breaststroke	03:57.75	27 Jul 97
400 m Medley	08:10.67	27 Jul 97
Richard Reinstadtler	GER	85-89 yrs
50 m Freestyle	00:40.37	3 Aug 97

100 m Freestyle	01:36.11	28 Jun 97
50 m Backstroke	00:48.11	29 Jun 97
100 M Backstroke	01:58.28	3 Aug 97
200 m Backstroke	01:53.67	3 Sep 97
Mitsuo Shimo	JPN	85-89 yrs
100 m Breaststroke	02:10.64	21 Jul 97
Masao Ueda	JPN	85-89 yrs
50 m Freestyle	00:40.46	21 Jul 97
100 m Freestyle	00:40.99	24 Aug 97
Alfredo Cherchi	AUS	90-94 yrs
400 m Freestyle	01:40.48	21 Jul 97
Fritz Monke	GER	90-94 yrs
100 m Backstroke	02:30.67	7 Jun 97

Judie Oliver	CAN	65-69 yrs
200 m Breaststroke	03:38.61	24 May 97
Diana Silva	USA	75-79 yrs
100 m Butterfly	02:05.39	21 Sep 97
Willy VanRysel	GBR	80-84 yrs
Backstroke	00:55.58	50 m
100 m Backstroke	02:03.47	23 Mar 97
200 m Backstroke	04:35.63	22 Mar 97
Rina Davoglio	ITA	85-89 yrs
50 m Backstroke	01:12.50	6 Apr 97
Ume Wada	JPN	85-89 yrs
100 m Medley	02:37.74	18 May 97

LONG COURSE - RELAYS

Kona Aquatics	USA	1:45.97
Men's 200 m Free	200-239 yrs	29 Jun 97
Dave Padgett	Steve Borowski	
Bill Gonzalez	Mark Mader	
The Olympic Club	USA	1:45.19
Men's 200 m Free	200-239 yrs	29 Jun 97
Steve Clark	Robert Strand	
Tim Birnie	James Elder	
Team Texas	USA	2:12.71
Mixed 200 m Medley	200-239 yrs	18 Aug 97
Karlene Wise	Chuck Baldwin	
Keith Bell	Sandy Neilson-Bell	
Ettalong	AUS	2:49.52
Women's 200 m Medley	240-279 yrs	28 Mar 97
Pamela Hutchings	Benda Casey	
Elvera Dunn	Irma Heyling	
Gold Coast Masters	USA	1:57.91
Men's 200 m Free	240-279 yrs	18 Aug 97
Cav Cavanaugh	David McIntyre	
William Dolan	Joel Burns	
The Olympic Club	USA	1:54.45
Men's 200 m Free	240-249 yrs	29 Jun 97
Richard Bassi	James Krueger	
Bill Van Horn	Phillip Chapman	
The Olympic Club	USA	2:17.51
Men's 200 m Medley	240-279 yrs	29 Jun 97
Richard Bassi	Tim Timken	
James Krueger	Philip Chapman	
San Diego Swim	USA	2:07.26
Mixed 200 m Free	240-279 yrs	29 Jun 97
Donald Baker	Jeanne Little	
Jackie Marr	Bill Earley	
The Olympic Club	USA	2:07.32
Mixed 200 m Free	240-279 yrs	29 Jun 97
Richard Bassi	Danielle Ogier	
Margery Meyer	Phillip Chapman	
The Olympic Club	USA	2:27.14
Mixed 200 m Medley	240-279 yrs	29 Jun 97
Margery Meyer	Danielle Ogier	
The Olympic Club	USA	2:27.14
Men's 200 m Medley	280-319 yrs	18 Aug 97
Paul Huttinger	Robert MacDonald	
Joseph Kurtzman	Alan Maloney	
Oahuclub Kioicho	JPN	4:38.16
Women's 200 m Medley	320-359 yrs	21 Jul 97
Sachiko Uta	Tayo Furuya	
Hideko Mori	Yoshiko Watanabe	

SHORT COURSE - WOMEN

Lynn Marshall	CAN	35-39 yrs
400 m Freestyle	04:32.80	25 May 97
200 m Backstroke	04:31.98	30 Jun 97
400 m Medley	02:31.05	25 May 9
Karlyn Pipes-Neilsen	USA	35-39 yrs
100 m Medley	01:06.57	15 Jun 97
200 m Medley	02:23.15	15 Jun 97
Conny Boer-Buys	NED	45-49 yrs
50 m Freestyle	00:29.23	9 Nov 96
100 m Freestyle	01:04.56	9 Nov 96
50 m Butterfly	00:31.95	9 Nov 96
Hannelore Roese	GER	55-59 yrs
200 m Breaststroke	03:16.46	13 Apr 97
Satoko Takeuiji	JPN	55-59 yrs
50 m Backstroke	00:35.88	18 May 97
100 m Backstroke	01:19.61	18 May 97
Betsy Jordan	USA	60-64 yrs
50 m Backstroke	00:38.74	15 Jun 97
100 m Backstroke	01:24.16	15 Jun 97
200 m Backstroke	03:05.27	14 Sep 97

SHORT COURSE - MEN

Jonas Akesson	SWE	25-29 yrs
50 m Butterfly	00:25.20	16 Mar 97
Patrick Robertsson	SWE	25-29 yrs
100 m Breaststroke	01:04.40	15 Mar 97
Paul Brew	GBR	30-34 yrs
200 m Medley	02:06.69	5 Oct 96
Per Magnus Faltman	SWE	35-59 yrs
50 m Breaststroke	00:29.86	16 Mar 97
Jimmy Furrer	SUI	35-39 yrs
400 M Freestyle	04:13.00	22 Mar 97
Martyn Price	GBR	35-39 yrs
400 m Freestyle	04:13.48	8 Nov 96
Dariusz Wolny	POL	35-39 yrs
400 m Medley	04:44.33	14 Jun 97
Glen Christiansen	SWE	40-44 yrs
50 m Breaststroke	00:29.86	28 Sep 97
100 m Breaststroke	01:06.72	27 Sep 97
Bernd Schröder	GER	50-54 yrs
50 m Butterfly	00:28.35	11 May 97
Sandy Galletly	GBR	55-59 yrs
400 m Freestyle	04:47.10	28 Jun 97
1500 m Freestyle	19:39.87	8 Feb 97
400 m Medley	05:29.09	28 Jun 97
Peter Gilmour	NZL	55-59 yrs
100 m Butterfly	01:09.36	5 Feb 97
Koji Iwamoto	JPN	55-59 yrs
50 m Butterfly	00:29.95	20 Apr 97
100 m Butterfly	01:07.69	11 May 97
200 m Butterfly	02:37.27	20 Apr 97
Toshihiro Hayashi	JPN	60-64 yrs
100 m Medley	01:12.78	11 May 97
Luis Ricardo Simi	BRA	60-64 yrs
100 m Butterfly	01:15.61	10 Aug 97
200 m Butterfly	02:53.49	17 May 97
Norbert Artus	CAN	80-84 yrs
800 m Freestyle	14:46.09	27 Jun 97
1500 m Freestyle	28:21.48	30 Jun 97
Anton Cerer	USA	80-84 yrs
200 m Butterfly	04:00.64	8 Jun 97
200 m Medley	03:46.96	8 Jun 97
400 m Medley	08:00.81	8 Jun 97
Robert Johnston	USA	80-84 yrs
400 m Freestyle	07:03.26	3 Aug 97
1500 m Freestyle	27:33.01	3 Aug 97
Paul Krup	UDA	80-84 yrs
50 m Butterfly	00:46.05	8 Jun 97
100 m Butterfly	01:47.20	8 Jun 97
Shogoro Azuma	JPN	85-89 yrs
50 m Backstroke	00:50.53	29 Apr 97
Masao Ueda	JPN	85-89 yrs
50 m Freestyle	00:40.97	29 Apr 97
100 m Freestyle	01:39.58	29 Apr 97
Fritz Monke	GER	90-94 yrs
50 m Backstroke	01:09.61	11 May 97

SHORT COURSE - RELAYS

Sodertalje Simsallskap	SWE	1:45.84
Men 200 m Medley	100-119 yrs	16 Mar 97
Torkel Arman	Patric Robertsson	
Jonas Akesson	Jorgen Uusimaki	
Sodertalje Simsallskap	SWE	1:43.83
Mixed 200 m Freestyle	100-119 yrs	15 Mar 97
Patrick Robertsson	Lisa Lonn	
Sofie Nygren	Jorgen Uusimaki	
Sodertalje Simsallskap	SWE	1:55.07
Mixed 200 m Medley	100-119 yrs	15 Mar 97
Torkel Arman	Lisa Lonn	
Patrick Robertsson	Sofie Nygren	
Koikai	JPN	3:18.15
Women 200 m Medley	280-319 yrs	29 Apr 97
Mitsuko Kurashige	Takako Nagata	
Masako Hohemama	Katamoto Taeko	
Ris 88	JPN	3:31.47
Men 200 m Medley	320-359 yrs	29 Apr 97
Shiro Ishikawa	Seiichi Matsura	
Yasushi Koda	Nori Yamamoto	

FINA Masters World Records - Dated 1st November 1997
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	COAST USA 96 4:12.88	
Mary Holmes Beth Mauer Susan Halfacre Tish Bucher	Monica Burk L. Morrison-Casey Brigitte Heuer Jacki Hirsty	C. Changanaqui Rosario Vivanco F. Changanaqui Sandra Crousse	Laura Val Della Sehorn Susan Roy Carolyn Boak	Jennifer Luker Billie Burnill Diane Reed Clara Walker	Clara Walker Petey Smith Billie Burnill Diane Reed	Maureen Kornfeld Madeleine Miller Maxine Merlino Mart Gogniat		
Women's Medley 4 x 50 Metres	HOLMES USA 88 2:06.57	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	OAHUKIOHO 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 Sennfelsen Marga Schulze	Pamela Hutchings Elvera Dunn Brenda Casey Irma Heyting	Kumiko Kubo Masako Hotchama Kazuko Fukagawa Tomiko Omori	Sachiko Uta HIDEKO MORI Tayo Furuya Yoshiko Watanabe		
Men's Freestyle 4 x 50 Metres	JYVASKYLÄN FIN 96 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 95 2:35.13	
Janne Virtanen Jaane Virtanen An Jaakkola Tommy Rundgren	David Hague Trip Hedrick James Montgomery Buck Smith	James Lilley Richard Abrahams Chester Miltenberger Timothy Garton	Steve Clark Tim Birnie Robert Strand James Elder	Richard Bassi Bill Van Horn James Kruger Phillip 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 Volery	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 Hubinger Joseph Kurtzman Robert MacDonald Alan Maloney	Bron 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 Corrin Popps	Cathy Drozda Tom Whately Judy Reed Richard Abrahams	Edward Cazalet Arlene Proebsting Laura Val Robert Proebsting	Donald Baker Jackie Marr Jeanne Little Bill Early	Gerald Huestis Petey Smith Andrew Holden Pauline Stangel	Nancy Clark Kelley 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 Corrin Popps		Karlene Wise Keith Bell Chuck Baldwin Sandy Neilson-Bell	Margery Meyer Steve Clark Danielle Ogier Philip Chapman		Alberto Mibelli Maria Lenk Luzia Caracciolo Gastao Figueiredo	

FINA Masters World Records - Dated 1st November 1997
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	TAMALPAIS USA 89 2:11.64	NEW ENGLAND USA 94 2:25.52	CRONULLA AUS 95 2:50.32	ST PETE USA 93 4:09.37	
Mary Muetting Susie Devlin Sheila Taormina	Dyne Burrell Mary Muetting Susie Devlin Sheila Taormina	Karlyn Pipes-Neilsen Mathilde Bouwma Beth Knight Nancy North	Barbara Dunbar Sally Karrasch Marilyn Fink Karlyn Pipes-Neilsen	Angela Konig Sherry Rademacher Laverne Adams Nancy Ridout	Clara Walker Billie Burnill Jennifer Luker Diane Reed	Nancye Mitchell Barbara Rose Betty Stern Helen Evans	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	SG NEUKOLLN GER 91 2:29.96	SOLK 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	Siegrid Kurtz Brigitte Merten Monika Sennfelsen Marga Schulz	Kerstin Gjores Harmet Degiorgio Barbro Flodstrom Britt Grilli	Mitsuko Kurashige Masako Hotchama Takako Nagata Katumoto Taeko	Helen Roumasset Zada Taft Hilda Buel Audrey Ebenee		
Men's Freestyle 4 x 50 Metres	B.COPTHALL GBR 92 1:35.91	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	LONG BEACH USA 94 2:51.43	
Mark Matthews Jim Hobson Andy Cotter Kevin Frost	Richard Hess M.Rhodenbaugh Doug Moyse Bobby Patten	Charles Norelli Michael Slenker Thomas Meade Gregory Oxley	Fred Hubbell Frans Nelson Frank Piemme Peter O'Keefe	Sid Hall Thomas Olander Yoshi Oyakawa John Florance	Keiyo Nakamura Isamu Tamura Eisaku Hayashi Shuichi Murayama	Walter Pfeiffer Woodrow Bowersock John Glenn Robert Christians		
Men's Medley 4 x 50 Metres	SODERTALJE SWE 97 1:45.84	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	SHUEI JPN 92 2:33.74	RIS 88 JPN 97 3:31.47	
Torkel Arman Jonas Akesson Patrick Robertson Jorgen Uusimaki	Jay Yand 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 Florance	Goro Taniguchi Keiichi Tokunaga Hiromu Yoshimoto Shuichi Murayama	Shiro Ishikawa Yasushi Koda Seiichi Matsura Non Yamamoto		
Mixed Freestyle 4 x 50 Metres	SODERTALJE SWE 97 1:43.83	ST PETE USA 96 1:45.78	SAN DIEGO USA 96 1:47.38	LINCOLN USA 89 1:57.25	LOS ALTOS USA 92 2:12.98	OJAI S. BARBARA USA 95 2:35.36	IBARAGI SC JPN 96 3:32.54	
Patric Robertsson Sofie Nygren Lisa Lonn Jorgen Uusimaki	Lisa Summers McKeithen-Bussey William Specht Stuart Barton	Beth Knight Larry Cartwright Karyl Pipes-Neilsen Lee Mench	Paul Huting Colleen Malmen Irene David Ray Padavan	John Richards Della Sehorn Jay Craddock Laura Val	Frank Piemme Ruth Barr Grace Altus Jurgen Schmidt	Yukio Tamura Ritsuko Hayashida Hiroko Tsuchiya Ryuji Fujikawa		
Mixed Medley 4 x 50 Metres	SODERTALJE SWE 97 1:55.07	LAKESIDE USA 89 1:58.28	WEST HOLLYWOOD USA 94 2:01.59	S CAL AQUATICS USA 96 2:12.20	NORTH CAROLINA USA 96 2:26.10	OJAI S. BARBARA USA 95 2:55.31	RIO MASTERS BRA 95 3:51.75	
Torkel Arman Patric Robertsson Lisa Lonn Sofie Nygren	William Tingley Michael Higgs Gina Gatti Melinda Schmitt	Andrea Devono Michael Mealfife Karen Melick Thomas Reedy	Bonnie Adair Gary Langendoen Karen Melick Bob Congoliere	Jeanne Mitchell John Kortheuer Sally Newell Dick Webber	Gay Collins Ruth Barr Grace Altus Jurgen Schmidt	Alberto Mibelli Maria Lenk Luzia Caracciolo Gastao Figueiredo		

Summary FINA Masters World Records . Dated 1 st November 1997																	
		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	05:16.62	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	800M FREE	09:17.09	09:16.82	09:16.20	09:57.69	10:20.34	10:58.47	11:15.07	12:01.79	12:27.60	13:15.45	14:32.25	16:39.04	20:11.43	30:55.09		
·	1500M FREE	17:38.78	17:38.70	17:59.12	19:00.40	19:28.34	21:02.46	21:09.91	22:50.81	24:07.05	25:11.23	29:45.90	32:09.15	38:20.39			
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		
N	50M BREAST	00:32.01	00:34.56	00:34.41	00:35.88	00:36.97	00:38.04	00:39.54	00:42.48	00:43.42	00:49.47	00:52.05	00:59.60	01:09.85	02:13.81		
G	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		
C	200M BREAST	02:42.02	02:46.81	02:50.66	02:56.17	03:01.69	03:11.56	03:15.19	03:24.38	03:45.71	04:03.16	04:27.26	05:01.36	05:38.79	10:39.50		
O	50M FLY	00:28.79	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		
U	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			
R	200M FLY	02:18.69	02:20.12	02:20.21	02:32.59	02:38.78	02:49.53	03:17.68	03:26.76	03:35.26	03:39.91	04:54.79	05:24.52	07:18.41			
S	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		
E	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			
·																	
W	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	00:32.50	00:33.88	00:40.37	00:48.70	01:41.72	02:05.49
O	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	01:13.84	01:19.28	01:36.11	01:57.91	04:25.98	
M	200M FREE	01:52.17	01:54.04	01:55.36	02:01.16	02:03.71	02:08.98	02:17.63	02:21.74	02:38.43	02:51.62	03:03.45	03:48.91	04:28.34			
E	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		
N	800M FREE	08:24.67	08:40.19	08:38.73	08:57.66	09:16.09	09:48.17	10:13.32	10:34.02	10:29.26	12:03.73	12:58.14	13:50.05	17:11.21	20:13.74		
·	1500M FREE	16:13.89	16:35.06	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		
S	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	00:35.47	00:37.10	00:39.49	00:43.15	00:48.11	01:05.09	02:05.54	
L	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	01:20.62	01:24.14	01:29.52	01:39.11	01:53.67	02:30.67	04:57.01	
O	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	02:53.42	03:04.42	03:15.00	03:42.95	04:12.45	05:35.88		
N	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		
G	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	02:26.32	02:24.06	02:24.37	02:32.17	02:41.02	02:40.57	02:50.44	02:58.37	03:14.03	03:26.27	03:34.66	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			
U	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			
R	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			
S	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		
E	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			
·																	
W	50M FREE	00:26.64	00:26.46	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	00:55.30	00:57.35	00:57.71	00:10.68	01:01.76	01:06.41	01:11.18	01:13.50	01:16.26	01:20.77	01:37.68	01:48.30	02:05.74	03:24.13		
M	200M FREE	01:59.78	02:04.64	02:07.58	02:14.14	02:16.07	02:27.95	02:28.30	02:39.93	02:51.30	03:02.11	03:33.40	04:07.41	04:52.37	07:01.11		
E	400M FREE	04:24.18	04:22.70	04:31.98	04:42.94	04:56.49	05:12.43	05:15.91	05:38.06	06:00.99	06:28.81	07:23.29	08:39.15	10:19.41	14:15.35		
N	800M FREE	08:51.18	09:08.34	09:21.94	10:03.82	10:09.82	11:07.78	11:24.24	11:30.55	12:35.26	13:07.28	15:28.60	17:51.63	22:22.74	28:45.45		
S	1500M FREE	16:36.07	17:23.60	17:43.10	19:00.81	19:14.97	21:22.66	21:35.84	22:54.51	23:38.44	24:57.85	29:30.20	34:13.00	42:10.95			
H	50M BACK	00:30.63	00:30.14	00:32.50	00:31.55	00:32.39	00:35.55	00:35.88	00:38.74	00:40.48	00:42.58	00:48.06	00:55.58	01:12.50	01:55.07		
S	100M BACK	01:04.66	01:03.96	01:05.93	01:10.45	01:10.76	01:19.17	01:19.61	01:24.16	01:30.41	01:35.66	01:48.13	02:03.47	02:40.38	04:19.46		
O	200M BACK	02:17.86	02:16.62	02:29.93	02:34.04	02:37.35	02:48.88	03:00.66	03:05.27	03:15.72	03:27.79	04:00.43	04:35.63	05:23.00			
R	50M BREAST	00:33.60	00:33.13	00:34.63	00:36.22	00:37.54	00:38.82	00:40.02	00:41.74	00:44.61	00:49.15	00:53.28	01:04.37	01:12.62	01:49.01		
T	100M BREAST	01:13.60	01:11.81	01:16.70	01:19.88	01:23.20	01:25.73	01:28.13	01:32.12	01:41.41	01:49.64	01:59.41	02:19.17	02:41.54	04:05.59		
S	200M BREAST	02:40.90	02:40.51	02:50.93	02:53.85	03:03.7											

FINA Masters World Records - WOMEN'S SHORT COURSE - Dated 1st November 1997

	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	Dyne Burrell USA 96 26.64	Anna Petits-Scott USA 93 26.13	Sandy Neilson-Bell USA 95 27.74	Laura Val USA 95 28.11	Susana Bartley ESP 95 30.30	Ardeth Mueller USA 96 33.07	Jayne Bruner USA 95 34.17	Gail Roper USA 96 36.32	Oiga Johnson NZL 96 39.73	Hatsuho Sugaya JPN 96 44.57	Ume Wada JPN 96 49.84	Anna Bauscher USA 93 1.36.77				
100 metres	Sheila Taermann USA 96 56.30	Sandy Neilson USA 88 57.35	Sandy Neilson-Bell USA 94 57.71	Laura Val USA 93 1.00.68	Ardeth Mueller USA 91 1.06.41	Yoshiko Osaki JPN 94 1.11.18	Jayne Bruner USA 96 1.13.30	Gail Roper USA 96 1.16.26	Oiga Johnson NZL 96 1.20.77	Hatsuho Sugaya JPN 94 1.37.58	Julia Dolce USA 95 1.46.30	Julia Dolce USA 95 2.05.74	Anna Bauscher USA 93 3.24.13			
200 metres	Sheila Taermann USA 96 159.78	K. Pipes-Naislen USA 96 204.64	Sandy Neilson-Bell USA 95 207.58	Laura Val USA 95 214.14	Ardeth Mueller USA 91 227.95	Lavelle Stanhoff USA 93 228.30	Jane Asher GBR 96 239.93	Candida Gaudipho BRA 95 3.02.11	Jean Durston BRA 95 3.33.40	Jean Durston USA 94 4.07.41	Julia Dolce USA 94 4.52.37	Julia Dolce USA 95 7.01.11	Anna Bauscher USA 93			
400 metres	Sheila Taermann USA 96 4.24.18	K. Pipes-Naislen USA 96 8.51.18	Sandy Neilson-Bell USA 95 9.08.34	Laura Val USA 95 10.03.82	Barbara Dunbar USA 94 11.42.94	Ardeth Mueller USA 91 15.12.43	Lavelle Stanhoff USA 93 15.99	Jane Asher GBR 96 6.00.99	June Krauser USA 96 6.28.81	Rita Simonton USA 93 7.23.29	Julia Dolce USA 94 8.39.15	Julia Dolce USA 95 10.19.41	Julia Dolce USA 95 14.16.35	Anna Bauscher USA 93 28.45.45		
800 metres	Sheila Taermann USA 96 16.36.97	K. Pipes-Naislen USA 96 17.23.60	Sandy Neilson-Bell USA 95 17.41.97	Danielle Oiger USA 96 19.00.81	Barbara Dunbar USA 96 19.14.97	Carolyn Beck USA 96 21.22.26	Lavelle Stanhoff USA 93 21.35.84	Jane Asher GBR 96 22.54.91	Clara Walker USA 92 23.38.44	Rita Simonton USA 93 24.57.85	Julia Dolce USA 94 29.30.20	Julia Dolce USA 95 34.13.00	Julia Dolce USA 95 42.10.95	Julia Dolce USA 95 42.10.95		
1500 metres	Sheila Taermann USA 96 16.36.97	Karen Burton USA 94 17.23.60	Beth Knight USA 94 17.43.10	Barbara Dunbar USA 96 19.00.81	Barbara Dunbar USA 96 19.14.97	Carolyn Beck USA 95 21.22.26	Lavelle Stanhoff USA 94 22.54.91	Jane Asher GBR 96 23.38.44	Clara Walker USA 92 24.57.85	Rita Simonton USA 93 29.30.20	Julia Dolce USA 94 34.13.00	Julia Dolce USA 95 34.13.00	Julia Dolce USA 95 42.10.95			
BACK																
50 metres	Diane Grainer USA 89 30.63	D. Graner Galas USA 96 30.14	Laura Val USA 91 31.55	Laura Val USA 93 32.39	Satoko Takejii JPN 95 35.55	Satoko Takejii JPN 97 35.88	Betsy Jordan USA 97 38.74	Doris Steadman USA 89 40.48	Satoko Takejii JPN 97 42.58	Willy Van Ryssel GBR 91 48.06	Rina Davoglio ITA 97 55.58	Vera Fernance AUS 89 1.12.50				
100 metres	Diane Grainer USA 89 1.04.66	K. Pipes-Naislen USA 95 1.03.96	Karen Seick GER 96 1.05.93	Laura Val USA 95 1.10.45	Laura Val USA 96 1.10.76	Satoko Takejii JPN 93 1.19.17	Betsy Jordan USA 97 1.19.61	Doris Steadman USA 89 1.24.16	Betsy Jordan USA 97 1.30.41	Willy Van Ryssel GBR 91 1.35.66	M. Gottschak GER 96 1.48.13	Willy Van Ryssel GBR 97 2.03.47	Vera Fernance AUS 90 4.19.46			
200 metres	J. De Rover NED 92 217.86	K. Pipes-Naislen USA 96 216.62	Lynn Marshall CAN 97 229.93	Laura Val USA 95 234.04	Nancy Fisher USA 91 237.35	Ardeth Mueller USA 91 248.88	Betsy Jordan USA 97 3.00.66	Doris Steadman USA 89 3.05.27	Betsy Jordan USA 97 3.15.72	Willy Van Ryssel GBR 91 3.21.79	Willy Van Ryssel GBR 97 4.00.43	Davoglio Rina ITA 97 4.35.63	Davoglio Rina ITA 97 5.23.00			
BREAST																
50 meters	Ria Willens NED 90 33.60	Suki Brownson GBR 95 33.13	Naomi Heimbach JPN 96 34.63	Bea Pool NED 94 36.22	M. Sennfieben NED 92 37.54	Edith Bohm GER 97 40.02	Jayne Bruner USA 96 41.74	Maud Povey GBR 93 44.61	Edith Bohm GER 94 49.15	Ingeborg Erize GER 96 53.28	Kay Schirmer USA 97 1.04.37	Mari Cognat USA 96 1.12.62	Doris Vennig NZL 91 1.49.01			
100 metres	Ria Willens NED 90 1.13.60	Suki Brownson GBR 95 1.11.81	Leslie Osborne USA 89 1.16.70	Urlike Urbanik GER 95 1.19.88	Deb Walker USA 96 1.23.20	Flora Connolly GBR 90 1.28.13	Flora Connolly GBR 94 1.32.12	Gail Roper USA 95 1.41.41	Flora Connolly GBR 94 1.49.64	Hildegard Messing GER 95 1.59.41	Dorothy Weston GBR 94 2.19.17	Mari Cognat USA 96 2.41.54	Doris Vennig NZL 91 4.05.59			
200 metres	Louise Keogh USA 94 240.90	Suki Brownson GBR 95 240.51	Leslie Osborne USA 89 250.93	Ginger Pearson USA 95 3.03.73	Diane Ford GBR 93 3.08.63	Bonnie Pronk CAN 97 3.10.39	Jayne Bruner CAN 97 3.19.67	Judie Oliver CAN 97 3.38.61	Judie Oliver CAN 97 3.55.30	Hildegard Messing GER 95 4.22.96	Dorothy Weston GBR 93 4.54.39	Jewel Cooke USA 96 6.53.42				
FLY																
50 metres	Sheila Taermann USA 96 28.68	D. Graner Galas USA 96 29.20	Laura Val USA 91 30.05	Laura Val USA 95 30.17	Diana Todd USA 94 33.85	Ardeth Mueller USA 96 34.33	Hilke Hoier GER 97 38.03	Masumi Tani JPN 96 38.44	Hilke Hoier GER 97 44.54	Catherine Kerr CAN 96 52.18	Mari Lenk BRA 95 52.18	Jewel Cooke USA 96 1.24.22				
100 metres	Sheila Taermann USA 96 1.01.33	K. Pipes-Naislen USA 96 1.03.80	Maria Valkonja USA 93 1.07.28	Laura Val USA 93 1.07.80	Ardeth Mueller USA 91 1.12.66	Hilke Hoier GER 96 1.21.52	Gail Roper USA 96 1.28.15	Jane Krauser USA 96 1.33.10	Hilke Hoier GER 96 1.40.20	Diana Lenk USA 97 2.05.39	Jean Durston USA 94 2.28.34	Jewel Cooke USA 96 3.20.81				
200 metres	S. Palmer White AUS 91 217.13	K. Pipes-Naislen USA 96 219.64	Laura Val USA 91 228.96	Ardeth Mueller USA 87 237.88	Ardeth Mueller USA 95 255.91	Flora Connolly GBR 94 3.17.00	Flora Connolly GBR 94 3.17.00	Jane Krauser USA 95 3.32.93	Flora Connolly GBR 94 3.38.39	Maxine Merifino USA 98 4.48.50	Catherine Kerr CAN 96 5.22.65	Jewel Cooke USA 96 7.12.95				
MEDLEY																
100 metres	Monique Rodahl NZL 89 1.05.84	K. Pipes-Naislen USA 95 1.05.16	K. Pipes-Naislen USA 97 1.06.57	Laura Val USA 92 1.11.65	Carol Fellows USA 87 1.14.41	Yoshiko Osaki JPN 95 1.21.25	Jayne Bruner USA 96 1.26.42	Gail Roper USA 96 1.28.95	Jane Krauser USA 96 1.38.73	Catherine Kerr CAN 96 1.51.66	Maria Lenk BRA 95 2.06.91	Ume Wada JPN 97 2.37.74				
200 metres	B. Deuring GER 96 2.23.47	K. Pipes-Naislen USA 95 2.20.90	K. Pipes-Naislen USA 97 2.23.15	Laura Val USA 92 2.33.89	Brigitte Marign GER 96 2.42.88	Yoshiko Osaki JPN 93 2.57.53	Flora Connolly GBR 94 3.11.59	Clara Naleki USA 91 3.18.77	Jane Krauser USA 96 3.31.93	Catherine Kerr CAN 96 4.12.37	Maria Lenk BRA 95 4.40.77	Anna Bauscher USA 89 9.49.36				
400 metres	B. Deuring GER 96 5.04.56	K. Pipes-Naislen USA 96 4.53.85	Lynn Marshall CAN 97 5.16.74	Laura Val USA 92 5.32.53	Barbara Dunbar USA 95 5.50.45	Ardeth Mueller USA 91 5.56.24	Bonnie Pronk CAN 97 6.32.89	Gail Roper USA 96 6.50.55	Jane Krauser USA 96 7.07.69	Maxine Merifino USA 98 7.24.32	Maxine Merifino USA 98 9.07.66	Jewel Cooke USA 96 13.46.08				

FINA Masters World Records - MEN'S SHORT COURSE - Dated 1st November 1997

	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 Stahl USA 94 23.80	Charles Noell USA 95 24.42	Jan Koen Amboni NED 95 24.70	Keesie Lodwig USA 96 25.74	Donald Hill USA 96 26.60	Bob Baile USA 95 27.32	Shingo Yamamoto JPN 96 29.25	Frank Piemme USA 95 30.59	Kelley Lemmon USA 93 32.78	W. Bowesock USA 93 35.16	Gus Langner GER 97 38.82	Reinstadler GER 97 38.99	Gus Langner USA 93 50.09	Tom Lane USA 95 52.06
100 metres	Bjorn Zdziarsky USA 95 49.91	Rowdy Gaines JPN 89 50.51	Mark Morgan AUS 94 52.64	Rick Abbott USA 95 53.25	Terry Dowries RSA 95 54.64	Keesie Lodwig USA 96 56.63	Donald Hill USA 95 1.00.08	Bob Baile USA 95 1.01.96	Roberto Alberiche ESP 96 1.02.77	Frank Piemme USA 95 1.09.00	Ray Tait USA 95 1.13.47	Hikaji Ueki JPN 95 1.18.80	Reinstadler GER 97 1.36.18	Gus Langner USA 93 1.58.42	Gus Langner USA 93 2.06.56	
200 metres	John Keppler USA 95 1.48.61	Rowdy Gaines JPN 89 1.50.91	Mark Morgan AUS 94 1.52.64	Hess Yntema USA 94 1.57.83	Tim Broderick USA 96 2.00.13	Kazuya Nishiro JPN 93 2.17.95	Graham Johnson USA 95 2.21.31	Roberto Alberiche ESP 96 2.37.86	Frank Piemme USA 95 2.37.86	Ray Tait USA 94 2.48.67	Hikaji Ueki JPN 95 3.01.42	Reinstadler GER 97 3.44.09	Gus Langner USA 93 4.27.70	Gus Langner USA 93 4.32.29		
400 metres	Gavin Liley GBR 93 3.59.78	Bruce Hayes USA 94 3.59.83	James Funer SUI 97 4.13.00	Hess Yntema USA 95 4.09.31	Angus Edghill BAR 96 4.18.44	Sandy Galley GBR 97 4.36.29	Graham Johnson Graham Johnson USA 95 4.47.10	Angus Edghill BAR 96 4.56.69	Frank Piemme USA 95 5.09.09	Ray Tait USA 95 5.35.49	Robert Johnson USA 97 6.02.95	Robert Johnson USA 97 7.03.26	Reinstadler GER 97 7.54.24	Gus Langner USA 93 8.50.65	Gus Langner USA 93 8.50.65	
800 metres	T Lenartson SWE 92 8.29.19	Bruce Hayes USA 94 8.19.44	James Funer SUI 96 8.44.90	Hess Yntema USA 95 8.49.83	Angus Edghill BAR 96 8.56.08	V. Emino ITA 97 9.28.84	Graham Johnson Graham Johnson USA 96 10.04.76	Angus Edghill BAR 96 10.27.62	Frank Piemme USA 95 10.35.13	Ray Tait USA 94 12.45.40	Norbert Atius CAN 97 14.46.09	Gus Langner USA 88 16.53.90	Reinstadler GER 97 16.53.90	Gus Langner USA 88 16.53.90		
1500 metres	Rob Mackie USA 92 16.23.21	Bruce Hayes USA 94 16.21.25	Arne Borstrom NOR 94 17.06.28	Hess Yntema USA 95 16.51.71	Jim McConica USA 95 17.40.02	Sandy Galley GBR 94 18.32.56	Graham Johnson Graham Johnson USA 95 19.48.44	Frank Piemme USA 95 19.53.18	Aldo Da Rosa USA 95 22.44.45	Robert Johnson USA 97 24.46.19	Robert Johnson USA 97 27.33.01	Reinstadler GER 97 32.20.20	Gus Langner USA 88 44.48.99	Gus Langner USA 88 44.48.99		
BACK	Martin Harris GBR 94 25.43	Jay Yارد USA 94 25.58	Clay Britt USA 96 26.84	Laci Peteny GER 95 28.77	Robert Smith USA 95 29.33	Graham Sykes GER 93 30.14	Jack Beattie USA 94 32.40	Paul Hultiger USA 94 35.06	Octo Claus GER 95 39.14	Fritz Monke GER 97 43.71	Reinstadler GER 97 47.17	Fritz Monke GER 97 1.09.61	Reinstadler GER 97 2.02.52			
100 metres	Martin Harris GBR 94 54.82	Jay Yارد USA 93 56.83	Clay Britt USA 96 58.25	Peter O'Keefe USA 95 1.03.16	Clay Evans USA 95 1.04.94	Berry Young NZL 94 1.10.88	Jack Beattie USA 94 1.13.55	Roger Franks USA 94 1.19.07	Ray Tait USA 94 1.27.41	Edward Shea USA 94 1.37.17	Reinstadler GER 97 1.52.03	Reinstadler GER 97 2.40.88	Reinstadler GER 97 2.40.88			
200 metres	Martin Harris GBR 94 2.01.78	Jay Yارد USA 93 2.04.63	William Specht USA 93 2.10.01	John March CAN 95 2.16.72	R. Ted Speker USA 96 2.21.50	Tim Brine USA 96 2.24.39	Barry Young NZL 94 2.33.21	Bob Barry USA 96 2.40.75	Paul Hultiger USA 94 2.50.75	Ray Tait USA 94 3.10.22	Edward Shea USA 94 3.33.91	Reinstadler GER 97 4.11.25	Reinstadler GER 97 5.44.64			
BREAST	50 meters	Dean Putteman AUS 90 28.61	Gerald Morken USA 96 29.21	Glen Christiansen GER 97 28.67	Robert Strand USA 95 29.86	Robert Strand USA 96 32.01	Hiroyuki Kotegawa JPN 93 32.17	Nick Tempelman JPN 96 34.41	Toshiro Tamai JPN 96 36.33	Augusto Romano ITA 93 38.60	Karl Wittenberg GER 91 42.33	Shohei Yoshida JPN 96 45.52	Reinstadler GER 97 51.17	Reinstadler GER 97 1.07.76		
100 metres	Patric Robertsson SWE 97 1.04.40	Frank Viver NED 94 1.04.23	Gerald Morken GER 97 1.04.02	Glen Christiansen SWE 97 1.06.72	Robert Strand USA 95 1.09.44	Manuel Sanguly USA 88 1.16.32	Akio Sugiyama JPN 95 1.19.82	Bartom Greenberg CAN 96 1.21.34	Augusto Romano ITA 94 1.29.48	Hiromu Yoshiimoto JPN 95 1.36.61	Dan Dohmen ITA 94 1.46.48	Reinstadler GER 97 2.09.33	Reinstadler GER 97 3.01.95			
200 metres	A. Scano USA 96 2.20.43	Serge Sorec CAN 95 2.24.52	Spencer Eldred USA 96 2.30.67	Spencer Eldred USA 96 2.34.41	Robert Strand USA 95 2.34.71	Drury Gallagher USA 95 2.49.96	Thomas Walker GBR 95 2.57.08	Nick Tempelman CAN 96 3.06.13	Karl Hauser GER 95 3.16.44	Aldo Da Rosa USA 93 3.34.29	Johann Moscher AUT 96 4.07.75	Frank Griffiths AUS 93 4.38.98	Reinstadler GER 97 6.41.56			
FLY	50 metres	Jones Akeson SWE 97 25.20	Michael Bottom USA 89 25.06	William Specht USA 93 25.89	Dan Thompson USA 95 27.08	Rick Abbott USA 95 28.35	Ryuu Takamine JPN 97 29.57	Bob Baile USA 95 30.34	Frank Piemme USA 95 31.67	Ray Tait USA 95 34.77	Paul Kup AUS 93 46.05	Reinstadler GER 97 57.89	Reinstadler GER 97 57.89			
100 metres	Martin Hermann USA 95 56.11	Hiroshi Mura JPN 96 54.82	William Specht USA 93 57.02	Hess Yntema USA 95 58.87	Tomi Perini USA 96 1.01.13	Joel Burns USA 96 1.03.76	Koji Iwamoto JPN 97 1.07.69	Luis Ricardo Simi BRA 97 1.15.61	Hiroyuki Kotegawa JPN 96 1.18.52	Paul Kup AUS 92 1.26.98	Reinstadler GER 97 1.47.20	Reinstadler GER 97 2.23.30	Reinstadler GER 97 2.23.30			
200 metres	Gavin Liley GBR 93 2.05.97	Ian Beck GBR 96 2.05.73	William Specht USA 94 2.06.48	Hess Yntema USA 95 2.09.98	Boo Garner Gallas USA 96 2.19.73	Nick Lederer USA 97 2.28.11	Koji Iwamoto JPN 97 2.53.49	Luis Ricardo Simi BRA 97 3.06.43	Robert Piersdoff USA 95 3.18.59	Anton Ceter USA 92 3.49.00	Reinstadler GER 97 4.00.64	Jesse Coon USA 95 5.56.91	Reinstadler GER 97 6.41.56			
MEDLEY	100 metres	Martin Harris GBR 94 56.90	Hiroshi Mura JPN 96 57.84	Richard Hess USA 92 1.00.79	Ric Cooley USA 89 1.02.30	Robert Strand USA 94 1.04.80	Jack Kelso CAN 96 1.10.34	Toshihiro Hayashi JPN 97 1.12.78	Ron Johnson USA 96 1.15.61	Ray Tait USA 94 1.27.43	Walt Pfeifer USA 94 1.44.08	Reinstadler GER 97 1.56.20	Reinstadler GER 97 1.56.20			
200 metres	John Keppler USA 95 2.05.93	Paul Brew GBR 96 2.06.69	Matt Clark USA 94 2.14.75	Spencer Eldred USA 96 2.15.07	Sieve Heck USA 94 2.23.69	John Calvert USA 96 2.26.64	Jack Kelso CAN 95 2.34.42	Graham Johnson USA 91 2.46.69	Jesus Dominguez ESP 95 2.49.10	Anton Ceter USA 94 3.20.35	Reinstadler GER 97 3.46.56	Reinstadler GER 97 5.02.31				
400 metres	John Keppler USA 95 4.26.79	Jerome Fentos USA 95 4.33.17	Dariusz Walny POL 97 4.44.33	Hess Yntema USA 95 4.43.28	Junji Nishioka JPN 93 5.12.41	Sandy Galley GBR 97 5.19.87	Graham Johnson Graham Johnson USA 95 5.29.09	Frank Piemme USA 95 6.02.73	Ray Tait USA 94 6.04.40	Anton Ceter USA 94 7.08.53	Reinstadler GER 97 8.00.81	Reinstadler GER 97 10.47.13				

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	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 26.68	S. Neilson-Bell USA 88 26.37	S. Neilson-Bell USA 93 27.39	Laura Val USA 96 28.53	Ardeth Mueller USA 93 29.33	Jayne Bruner USA 84 33.11	Gail Roper USA 86 34.17	J. Drake-Brockman USA 86 36.13	Hatsuho Sugaya JPN 94 41.31	June Krauser JPN 96 49.84	Aileen Soule USA 96 55.76	Mary Maina AUS 94 51.08					
100 metres	Sara Shand USA 91 58.23	S. Neilson-Bell USA 88 58.09	S. Neilson-Bell USA 94 58.94	Laura Val USA 95 1:02.12	Carol Fellows GBR 96 1:07.34	Jane Asher GBR 91 1:11.01	Jane Asher GBR 96 1:14.25	J. Drake-Brockman USA 86 1:21.57	June Krauser JPN 97 1:39.30	June Krauser JPN 97 2:00.66	Aileen Soule USA 96 2:19.62						
200 metres	Sara Shand USA 89 2:07.11	Beth Knight USA 89 2:07.84	K. Pipes-Nielsen USA 97 206.94	Laura Val USA 94 2:14.97	Ardeth Mueller USA 93 2:29.22	Lavelle Stoinoff USA 93 2:43.88	Clara Walker USA 92 2:48.51	Clara Walker USA 96 3:04.56	Margery Meyer USA 97 3:19.07	June Krauser JPN 92 3:44.00	June Krauser JPN 96 4:26.52	Aileen Soule USA 96 5:21.55					
400 metres	Sara Shand USA 89 4:27.53	K. Pipes-Nielsen USA 96 4:28.76	K. Pipes-Nielsen USA 97 4:28.17	Laura Val USA 94 4:48.82	Ardeth Mueller USA 91 5:16.62	Lavelle Stoinoff USA 93 5:47.52	Clara Walker USA 91 6:05.22	Clara Walker USA 96 6:33.15	Margery Meyer USA 97 7:18.50	Marjorie Sharpe USA 97 7:56.31	Myrtle Wright AUS 99 9:31.21	Aileen Soule USA 97 11:45.66					
800 metres	Eva Mortensen GBR 96 9:17.09	Lynn Marshall CAN 92 9:16.82	K. Pipes-Nielsen USA 97 9:16.20	Laura Val USA 93 9:57.69	Barbara Dunbar USA 95 10:20.34	Ardeth Mueller USA 91 10:58.47	Lavelle Stoinoff USA 94 12:01.79	June Krauser USA 96 13:15.45	Margery Meyer USA 97 14:32.25	Marjorie Sharpe USA 97 16:39.04	Maxine Merlino USA 97 20:11.43	Arena Bauscher USA 94 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 91 21:02.46	Lavelle Stoinoff USA 95 22:50.81	Clara Walker 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 38:20.39						
BACK	Diane Gruber USA 89 30.80	D. Gruber-Gallas USA 96 30.94	K. Pipes-Nielsen USA 97 31.83	Laura Val USA 94 32.25	Satoko Takejui JPN 92 34.87	Margie Wilding GBR 96 36.77	Clara Walker USA 97 38.76	Doris Steadman USA 96 42.29	Willy Van Ryssel GBR 91 46.64	Myrtle Wright AUS 99 53.73	Aileen Soule USA 91 58.42						
50 metres	Monique Rodahl NZL 89 1:06.46	D. Gruber-Gallas USA 96 1:05.42	K. Pipes-Nielsen USA 97 1:06.88	Laura Val USA 92 1:11.03	Satoko Takejui JPN 95 1:18.86	Betsy Jordan USA 97 1:19.65	Doris Steadman USA 95 1:31.58	Doris Steadman USA 95 1:35.11	Bunny Cederlund USA 97 1:46.70	Myrtle Wright AUS 99 2:01.87	Aileen Soule USA 96 2:13.13						
100 metres	Diane Gruber USA 89 2:19.97	K. Pipes-Nielsen USA 96 2:18.98	B. Bazeau FRA 94 2:18.20	Cecilia McCloskey USA 95 2:36.89	Satoko Takejui JPN 92 2:51.11	Betsy Jordan USA 97 2:56.13	Doris Steadman USA 90 3:06.23	Doris Steadman USA 95 3:17.12	Doris Steadman USA 96 3:28.69	Doris Steadman USA 95 3:57.14	Myrtle Wright AUS 99 4:22.89	Aileen Soule USA 97 4:47.82					
200 metres	S. Saminitrova ITA 89 32.01	M. Möhmann GBR 88 34.56	L. Wetzl-Osborne USA 89 34.41	Dagmar Frese GER 96 35.88	Satoko Takejui JPN 97 38.04	Betsy Jordan USA 97 39.54	Doris Steadman USA 90 42.48	Doris Steadman USA 95 43.42	Tsuneo Mita GBR 94 49.47	Myrtle Wright AUS 99 53.60	Myrtle Wright AUS 99 59.60	Myrtle Wright AUS 99 1:09.65	Dei Rowley AUS 95 1:03.49				
BREAST	Charlotte Mustard GBR 96 1:15.31	M. Möhmann GBR 88 1:14.52	L. Wetzl-Osborne USA 89 1:17.44	Dagmar Frese GER 96 1:18.57	Satoko Takejui JPN 95 1:28.70	Betsy Jordan USA 97 1:29.53	Doris Steadman USA 90 1:42.04	Doris Steadman USA 95 1:42.04	Chiyoko Okura JPN 97 1:50.99	Betty Christian USA 96 2:00.48	Dorothy Weston GBR 93 2:17.98	Betty Christian USA 96 2:17.98	Dei Rowley AUS 95 2:23.23				
50 metres	S. Saminitrova ITA 89 32.01	M. Möhmann GBR 88 34.56	L. Wetzl-Osborne USA 89 34.41	Dagmar Frese GER 96 35.88	Satoko Takejui JPN 97 38.04	Betsy Jordan USA 97 39.54	Doris Steadman USA 90 42.48	Doris Steadman USA 95 43.42	Edith Boehm GBR 94 49.47	Betty Christian USA 96 52.06	Dorothy Weston GBR 93 53.84	Betty Christian USA 96 58.42	Dei Rowley AUS 95 1:09.65				
100 metres	Sharon Davies GBR 90 2:42.02	Hidetaka Koshimizu JPN 95 2:46.81	Dagmar Haltig GER 96 2:50.66	Dagmar Haltig GER 96 2:56.17	Elaine Brown GBR 95 3:11.56	Hanneke Roese Masaayo Azuma JPN 96 3:15.19	Margaret Evans GBR 89 3:24.38	Margaret Evans GBR 94 3:45.71	Edith Boehm GBR 94 40.31	Betty Christian USA 96 53.84	Dorothy Weston GBR 93 50.13	Betty Christian USA 96 50.13	Dei Rowley AUS 95 50.13				
200 metres	Rosemarie Seaman USA 87 28.79	Tracey Moll USA 97 29.07	Susan Hallace USA 88 29.27	Dagmar Frese GER 96 29.89	Susan Roy USA 94 30.74	Ardeth Mueller USA 93 31.69	Jayne Bruner USA 94 35.29	Jayne Bruner USA 94 38.10	Edith Boehm GBR 94 43.62	June Krauser USA 96 43.62	Catherine Kerr CAN 96 53.84	Catherine Kerr CAN 96 1:01.41	Maxine Merlino USA 97 1:13.84				
FLY	P. Verbaeten BEL 96 1:03.91	K. Pipes-Nielsen USA 97 1:04.89	Dagmar Haltig GER 96 1:06.27	Dagmar Haltig GER 96 1:08.60	Laura Val USA 95 1:08.60	Ardeth Mueller USA 93 1:13.66	Hanneke Roese GBR 96 1:21.91	Hanneke Roese GBR 96 1:30.17	Hanneke Roese GBR 96 1:36.88	June Krauser USA 96 1:40.65	Kay Schimpf USA 92 2:19.44	Jean Durstion USA 94 2:27.91	Maxine Merlino USA 97 2:39.55				
50 metres	Rosemarie Seaman USA 87 1:03.91	S. Palmer White AUS 92 2:18.69	K. Pipes-Nielsen USA 96 2:20.12	K. Pipes-Nielsen USA 97 2:20.21	Laura Val USA 95 2:32.59	Deb Walker USA 97 3:01.69	Flora Connolly GBR 94 3:17.68	Flora Connolly GBR 94 3:26.76	Jayne Bruner USA 94 3:36.25	June Krauser USA 96 3:36.25	Maxine Merlino USA 97 3:39.91	June Krauser USA 96 4:54.79	Maxine Merlino USA 97 5:38.79				
100 metres	Sharon Davies GBR 90 2:22.00	Kathlyn Pipes USA 96 2:25.68	S. Neilson-Bell USA 93 2:25.31	S. Neilson-Bell USA 93 2:38.18	Danielle Oiger USA 97 2:40.28	Bright Matter GBR 96 2:52.11	Jane Asher GBR 96 2:59.15	Jane Asher GBR 96 3:15.30	June Krauser USA 96 3:20.26	June Krauser USA 96 3:33.75	Catherine Kerr CAN 96 4:11.69	Catherine Kerr CAN 96 5:27.56	Maxine Merlino USA 97 5:47.25				
200 metres	Sharon Davies GBR 90 5:05.29	Kathlyn Pipes USA 96 5:05.05	K. Pipes-Nielsen USA 97 5:07.21	K. Pipes-Nielsen USA 97 5:39.70	Danielle Oiger USA 97 5:45.86	Ardeth Mueller USA 91 6:12.08	Yoshiko Osaki JPN 93 6:18.94	Yoshiko Osaki JPN 93 6:57.33	June Krauser USA 96 7:09.99	June Krauser USA 96 7:30.91	Maxine Merlino USA 97 9:11.23	Maxine Merlino USA 97 10:05.13	Anna Bauscher USA 94 12:10.93				
MEDLEY	Sharon Davies GBR 90 5:05.29	Kathlyn Pipes USA 96 5:05.05	K. Pipes-Nielsen USA 97 5:07.21	K. Pipes-Nielsen USA 97 5:39.70	Danielle Oiger USA 97 5:45.86	Bright Matter GBR 96 6:12.08	Jane Asher GBR 96 6:57.33	Jane Asher GBR 96 7:30.91	June Krauser USA 96 7:30.91	June Krauser USA 96 8:04.52	M. Lenk-Zigler USA 94 9:18.41	Maxine Merlino USA 97 10:39.50	Anna Bauscher USA 94 12:10.93				

FINA Masters World Records - MEN'S LONG COURSE - Dated 1st November 1997

	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 63 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 Ludwig USA 96 25.93	Peter Bergengren SWE 94 27.05	Bob Ballie USA 95 27.80	Roberto Albericche ESP 96 28.78	Kelley Lemmon USA 84 29.35	Lyle Collet USA 83 30.50	W Bowesock USA 93 33.88	R Reinstadler GER 97 40.37	Gus Langner USA 93 48.70	John Whitemore USA 35 1.41.72	Tom Lane USA 94 2.05.49
100 metres	Jim Montgomery USA 81 51.25	Rowdy Gaines USA 91 51.50	Rowdy Gaines USA 85 51.49	Vladimir Galavine FRA 86 54.45	Terry Downes RSA 94 55.66	Keele Ludwig USA 96 57.86	Jack Geoghegan USA 97 59.82	Donald Bill USA 92 1:02.80	Roberto Albericche ESP 96 1:03.39	Frank Piemme USA 95 1:10.16	Ray Taff USA 95 1:13.84	Hikaji Ueki JPN 95 1:19.28	R Reinstadler GER 97 1:36.11	Gus Langner USA 93 1.57.91	Gus Langner USA 93 1.57.91	Tom Lane USA 85 4.25.98
200 metres	John Keiper USA 92 1:52.17	Rowdy Gaines USA 90 1:54.04	Rowdy Gaines JPN 94 1:55.36	Tim Broderick GBR 96 2:03.71	Alastair MacGregor GBR 96 2:08.98	Jeff Farrell USA 94 2:17.63	David Hanson ESP 96 2:22.96	Roberto Albericche ESP 96 2:21.74	Frank Piemme USA 95 2:38.43	Ray Taff USA 95 2:51.62	Hikaji Ueki JPN 95 3:03.45	Gus Langner USA 93 3:48.11	Gus Langner USA 93 4:28.34	Gus Langner USA 93 4:28.34	Alfredo Cherchi AUS 97 9.40.04	
400 metres	Alex Kostich USA 97 4.03.63	Rowdy Gaines USA 93 4.07.04	Rowdy Gaines USA 95 4.07.64	Tim Broderick USA 96 4.24.37	Timothy Garton USA 92 4.43.72	Sandy Gallety GBR 97 4.53.35	Graham Johnston USA 95 5:04.56	Graham Johnston 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	Gus Langner USA 88 17.11.21	Gus Langner USA 93 20.13.74	Alfredo Cherchi AUS 97 9.40.04	
800 metres	Alex Kostich USA 97 8.24.67	Rowdy Gaines USA 93 8.40.19	Rowdy Gaines USA 95 8.57.66	Hess Ynema USA 95 9.16.09	D. Uijlenbogaart NED 97 9.48.17	Sandy Gallety GBR 97 10:13.32	Graham Johnston USA 95 10:34.02	Graham Johnston USA 97 10:29.26	Frank Piemme USA 95 12:03.73	Ray Taff USA 95 12:58.14	Robert Arius CAN 94 13:50.15	Gus Langner USA 88 17.11.21	Gus Langner USA 93 33.08.42	Gus Langner USA 93 36.47.02	Fritz Monke GER 97 1:53.67 2:30.67	
1500 metres	Alex Kostich USA 97 16.13.89	Bobby Patten USA 93 16.36.06	Rowdy Gaines USA 94 16.57.34	Todd Bryan USA 95 16.58.52	Sandy Gallety GBR 95 16:49.43	Graham Johnston USA 95 19:09.48	Graham Johnston USA 95 20:04.73	Graham Johnston USA 95 20:16.54	Frank Piemme USA 95 23:03.23	Domei Suzuki JPN 95 24:51.76	Robert Johnson USA 97 28:44.42	Gus Langner USA 93 33.08.42	Gus Langner USA 93 36.47.02	Peter Jurczyk USA 95 5:36.88		
BACK																
50 metres	Martin Harris GBR 94 26.68	Sean Murphy USA 94 27.26	Thompson Mann USA 78 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	Yoshi Oyakawa USA 94 33.13	George Gantay USA 89 35.47	Paul Hultiger USA 95 37.10	Ray Taff USA 94 39.49	Toshii Saito JPN 95 43.15	R Reinstadler GER 97 48.11	Alfredo Cherchi AUS 97 1:06.09	Tom Lane USA 95 2.05.54	
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	Yoshi Oyakawa USA 94 1:14.72	Bob Barry USA 95 1:20.62	Paul Hultiger USA 95 1:24.14	Ray Taff USA 95 1:29.52	Toshii Saito JPN 96 1:39.11	R Reinstadler GER 97 1:53.67	Fritz Monke GER 97 2:30.67	Tom Lane USA 94 4:57.01	
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 Birnie USA 97 2.29.35	Barry Young NZL 94 2.37.16	Donald Brown USA 93 2.45.93	Roger Franks USA 97 2.53.42	Roger Franks USA 94 3:04.42	Edward Shea USA 97 3:15.00	Edward Shea USA 97 3:42.95	R Reinstadler GER 97 4:12.45	Peter Jurczyk USA 95 5:36.88		
BREAST																
50 metres	James Parrack GBR 96 28.68	David Gutrie USA 92 29.42	Gerald Monzen GER 96 30.40	Timothy Shead RSA 97 30.82	Don McKenzie RSA 97 32.47	Hiroshi Kogure JPN 97 32.44	Akio Sugiyama JPN 95 33.03	John Korthauer JPN 95 34.59	John Korthauer JPN 97 37.32	Hiromu Yoshimura JPN 95 39.15	Ray Taff USA 94 42.58	Toshio Taima JPN 95 43.82	R Reinstadler GER 97 51.52	Andrew Kaliumi USA 95 1:16.01		
100 metres	James Parrack GBR 96 1:04.11	David Lundberg USA 91 1:05.65	David MacCalm USA 95 1:05.67	Timothy Shead RSA 97 1:12.38	Don McKenzie RSA 97 1:12.32	John Korthauer RSA 97 1:17.87	Thomas Walker GBR 96 1:20.56	Nick Templeman CAN 95 1:26.05	Robert Pierstorff GER 96 1:31.05	Augusto Romano ITA 94 1:37.55	Y Miyamoto JPN 97 1:45.24	Mitsuo Shimo JPN 97 2:10.64	George Sejourne FRA 96 3:08.18			
200 metres	Abraham Solano USA 96 2.26.32	David Lundberg USA 91 2.24.06	David Gutrie USA 95 2.24.37	Gerhard Piefer GER 94 2.41.02	Robert Strand USA 96 2.40.57	William Gonzalez USA 96 2.50.44	Thomas Walker GBR 96 2.58.37	Nick Templeman CAN 95 3:14.03	Karl-Heinz Knops GER 96 3:26.27	Augusto Romano ITA 94 3:34.86	Adalo da Rosa USA 97 3:45.75	Harold Perry USA 96 4:36.86	Gus Langner USA 93 6:24.54			
FLY																
50 metres	DeForest/Bottom USA 83/84 25.16	Mike Bottom USA 88 25.31	Richard Hess GER 96 25.93	Richard Hess USA 95 26.62	Dan Thompson USA 92 27.12	Keele Ludwig USA 97 27.74	Bob Ballie USA 95 30.35	Masayasu Kamya JPN 97 33.04	Frank Piemme USA 96 33.79	Y Miyamoto JPN 97 37.57	Ray Taff USA 94 37.57	Toshio Taima JPN 97 43.46	Jesse Con USA 95 57.93			
100 metres	Mike Bottom USA 84 56.34	Mike Bottom USA 86 56.64	Jeff Stuart USA 95 59.02	Hess Ynema USA 95 1:02.47	Boo Griner-Gallas USA 97 1:02.94	Peter Gilmour USA 97 1:07.68	Wally Dobler USA 94 1:14.98	Joseph Kurzman USA 92 1:20.59	Anton Ceter USA 92 1:24.84	Anton Ceter USA 92 1:39.80	Anton Ceter USA 92 1:52.37	Anton Ceter USA 92 2:30.73	Jesse Con USA 95 1:52.37			
200 metres	M. Lukaszek TCH 64 2.03.25	Bobby Patten USA 95 2.03.85	James Belardi USA 97 2.11.53	Boo Griner-Gallas USA 97 2.21.84	Boo Griner-Gallas USA 97 2.26.17	Peter Gilmour USA 97 2.34.90	Valentin Weber GER 97 2.56.96	Joseph Kurzman USA 91 3.08.79	Anton Ceter USA 92 3.22.01	Anton Ceter USA 92 3.43.56	Anton Ceter USA 92 4.12.40	Frank Griffiths AUS 93 5.24.28				
MEDLEY																
200 metres	Nicolas Granger FRA 94 2.07.00	David Lundberg USA 91 2.09.69	Olan Madriga BRA 94 2.15.21	Hess Ynema USA 95 2.17.64	Tim Broderick USA 96 2.22.06	Timothy Garton USA 93 2.28.70	Edward Cazale USA 97 2.39.32	Roberto Albericche ESP 96 2.50.08	Jesus Dominguez ESP 96 2.49.71	Ray Taff USA 94 3.06.43	Anton Ceter USA 92 3.24.38	Frank Griffiths AUS 93 4:40.15	Peter Jurczyk 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 Ynema USA 95 4.53.03	John Calvert USA 95 5.10.08	William Gonzalez USA 97 5.36.39	Graham Johnston USA 91 6.04.99	Roberto Albericche ESP 96 6.05.15	Frank Piemme USA 95 6.52.07	Aldo da Rosa USA 97 7.21.75	Anton Ceter USA 92 8.10.67	Frank Griffiths AUS 94 10.28.43				

CALENDAR OF MASTERS OPEN EVENTS NATIONAL AND INTERNATIONAL

1998

- MAR 14-15 XII INTERNATIONAL MASTERS "CITTA' DI FIRENZE"**
 Fiorentina Nuoto - Old Stars - Andrea Prayer, Via Brunetto Latini 47, 50133 Firenze
 Tel: 055/ 571161
 Swimming - Indoor 6 lane 25 Meter Pool - Electronic Timing
-
- MAR 27-29 NEW ZEALAND LONG COURSE MASTERS SWIMMING CHAMPIONSHIPS**
 NZMS Nationals 98, 3 Madison Place, Miramar, Wellington. NZ
 Tel: +64-4-388-2489, Fax: +64-4-388-2489, Email: saxton_ingrid@bah.com.nz
 Swimming - LC Meters - Wellington NZL
-
- MAR 28-29 XII INTERNATIONAL "TRENTINO MASTERS"**
 Rari Nantes Trento - Sez. Trentino Masters - Giorgio Pisetta, Vicoletto al Nuoto 20,
 38100 Trento Tel./Fax: 0461/236097
 Swimming - Indoor 6 lane 25 Meter Pool (Cavalese-Val di Fiemme) - Semi Electronic Timing
-
- APR 11-13 AUSSI MASTERS NATIONAL SWIM**
 Pauline Samson, PO Box 242, Rosry Park 7018, Tasmania. AUSTRALIA
 Fax: 61-02-43-6665
 Swimming - LC Meters - Hobert, Tasmania AUS - Electronic Timing
-
- APR 23-26 YMCA NATIONAL 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 - SC Yards - Ft. Lauderdale, Florida USA - Electronic Timing
-
- MAY 7-10 USMS NATIONAL SHORT COURSE CHAMPIONSHIPS**
 Indianapolis, in USA
 Swimming - SC Yards - Electronic Timing - IUPU Pool
-
- MAY 15-18 1998 CANADIAN CHAMPIONSHIPS**
 Edmonton, Alberta Canada
 Aart Looye at (looyea@censsw.gov.ab.ca) or (<http://www.compusmart.ab.ca/dwellis/nat98/>)
 Swimming - LC Meters
-
- MAY 30-31 XIV MASTERS INTERNATIONAL CITTA' CASTELLO "ITALO GALLUZI"**
 Centro Nuoto Alto Tevere - Piscina Comunale Via Engels - 06012 Città di Castello
 Tel.: 075/ 8550785
 Maurizio Serafini - Fax: 075/ 8520786
 Outdoor 8 lane 50 Meter Pool - Semi Electronic Timing
-
- JUN 19-30 1998 VII WORLD MASTERS SWIMMING CHAMPIONSHIPS**
 Allam Farid, 28, rue Argana (ex rue Sequein), Casablanca MAROC
 Tel: Home (212-2) 201-450, Office (212-2) 395-601, Fax: 398-754
 All Disciplines - LC Meters - Electronic Timing - Casablanca MAR
-
- 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 - LC Meters - Ft. Lauderdale, FL USA - Electronic Timing