

FOR THE RECORD

world champs

SWIMMING

August 20-28, 1978
West Berlin, Germany
50 meter pool

MEN

100 METER FREE—Aug. 28

David McCagg, USA	50.24+
Jim Montgomery, USA	50.73
Klaus Steinbach, GER	50.79*
Marcello Guarducci, ITA	51.71
Fernando Canales, PUR	51.74
Andreas Schmidt, GER	51.78
Pelle Holmertz, SWE	51.83*
Per-Alvar Magnusson, SWE	52.36

Prelims

David McCagg, USA	50.39
Klaus Steinbach, GER	51.34
Jim Montgomery, USA	51.63
Marcello Guarducci, ITA	51.80
Fernando Canales, PUR	51.85
Andreas Schmidt, GER	51.86
Pelle Holmertz, SWE	51.91
Per-Alvar Magnusson, SWE	52.15
Martin Smith, GBR	52.65
Graeme Brewer, AUS	52.70

David Lopez-Zubero, ESP	52.79*
Bent Brask, NOR	52.79
Sergey Kopliakov, USSR	52.96
Mark Morgan, AUS	53.03
Richard Burrell, GBR	53.09
Paolo Revelli, ITA	53.10
Bill Sawchuk, CAN	53.20
Hidenori Ishii, JPN	53.35*
Jorge Delgado, ECU	53.43
Miloslav Rolko, TCH	53.49*
Peter Szmidt, CAN	53.52
Nir Shamir, ISR	53.52*
Rui Abreu, POR	53.79
Jorge Fernandes, BRA	53.90
Sergey Krasluc, USSR	53.95
Jose Pereira, POR	54.34
Juan Barro, ESP	54.36
Alli Gharbi, TUN	54.43*
Hiroshi Sakamoto, JPN	54.46
Jasper Nordsted, DEN	54.69
Henrik Rasmussen, DEN	54.79
Remy Schaap, HOL	54.82
Kurt Dittich, AUT	55.06
Marcus Mattioli, BRA	55.27
David Cummins, IRL	55.28
Ron Kehrman, ISR	55.60
Alfredo Mackliff, ECU	55.70
Dariusz Broda, POL	56.18
Paul Rowe, NZL	57.00
Zafer Atamer, TUR	57.11
Habib Soukni, TUN	57.84
Lukman Niode, INA	58.58
Edham Seif, KUW	58.89
Sallah Alberges, KUW	1:02.27
Frans Debets, HOL	NP
Scott Newkirk, ISV	NP
Barry Salisbury, NZL	NP
Ari Wiren, FIN	NP

200 METER FREE—Aug. 20

Billy Forrester, USA	1:51.02+
Rowdy Gaines, USA	1:51.10
Sergey Kopliakov, USSR	1:51.33
Peter Szmidt, CAN	1:51.94†
Marcello Guarducci, ITA	1:52.82
Andrey Krylov, USSR	1:53.25
Ron McKeon, AUS	1:53.26
Andreas Schmidt, GER	1:53.48

Prelims

Billy Forrester, USA	1:52.09
Marcello Guarducci, ITA	1:52.23
Rowdy Gaines, USA	1:52.29

** World Record

* National Record

† Commonwealth Record

‡ European Record

South American Record

+ World Championship Record

Peter Szmidt, CAN	1:52.65
Serge Kopliakov, USSR	1:52.69
Andreas Schmidt, GER	1:53.08
Ron McKeon, AUS	1:53.18
Andrey Krylov, USSR	1:53.18
Jorge Delgado, ECU	1:53.28#
Frank Wennmann, GER	1:53.30
Per-Alvar Magnusson, SWE	1:53.39*
Fernando Canales, PUR	1:53.54*
Pelle Holmertz, SWE	1:53.56
Graeme Brewer, AUS	1:53.58
David Dunne, GBR	1:53.62
Paolo Revelli, ITA	1:53.62
Arne Borgstrom, NOR	1:53.71*
Pierre Andraça, FRA	1:54.06*
Kees Vervoorn, HOL	1:54.86
Rainer Strohbach, DDR	1:54.86
Bill Sawchuk, CAN	1:55.02
Detlev Grabs, DDR	1:55.16
Martin Smith, GBR	1:55.16
Bent Brask, NOR	1:55.18
Borut Petric, YUG	1:55.53
Daniel Machek, TCH	1:55.69*
Amir Ganiel, ISR	1:55.78*
Rui Abreu, POR	1:56.13*
Marcus Mattioli, BRA	1:56.16
Hiroshi Sakamoto, JPN	1:57.04*
Jorge Fernandes, BRA	1:57.16
Fabien Noel, FRA	1:57.20
Petar Gheorghiev, BUL	1:57.29*
Alli Gharbi, TUN	1:57.30
Dariusz Broda, POL	1:57.34
Gerard Smit, HOL	1:57.44
Hidenori Ishii, JPN	1:57.48
Bill Chao, ROC	1:57.94
Nir Shamir, ISR	1:58.45
Jens Bronnum, DEN	1:58.81
Paulo Frischknecht, POR	1:58.94
David Cummins, IRL	1:59.17
Jasper Nordsted, DEN	1:59.93
Diego Quiroga, ECU	2:00.17
Scott Newkirk, ISV	2:01.63
Murat Oezueak, TUR	2:02.42
Dariusz Gil, POL	2:03.69
Habib Soukni, TUN	2:06.65
Barry Salisbury, NZL	NP
Brett Naylor, NZL	NP
Ari Wiren, FIN	NP
Iikka Lahti, FIN	NP
Zafer Atamer, TUR	NP

400 METER FREE—Aug. 23	
Vladimir Salnikov, USSR	3:51.94†
Jeff Float, USA	3:53.42
Billy Forrester, USA	3:53.97
Sergey Rusin, USSR	3:55.46
Sandor Nagy, HUN	3:56.29*
Peter Szmidt, CAN	3:56.48*
Max Metzker, AUS	3:56.64
Borut Petric, YUG	3:56.85*

Prelims	
Vladimir Salnikov, USSR	3:53.32
Jeff Float, USA	3:56.47
Sergey Rusin, USSR	3:56.81
Borut Petric, YUG	3:56.92
Peter Szmidt, CAN	3:57.08
Billy Forrester, USA	3:57.21
Max Metzker, AUS	3:57.37
Sandor Nagy, HUN	3:57.83
Djan Madruga, BRA	3:58.31
Simon Gray, GBR	3:58.76
Rainer Strohbach, DDR	3:58.80
Frank Wennmann, GER	3:58.85
Paolo Revelli, ITA	3:58.90*
Gary Andersson, SWE	3:59.42
Daniel Machek, TCH	3:59.51
Ron McKeon, AUS	4:00.09
Giorgio Quadri, ITA	4:00.80
Zoltan Wladar, HUN	4:00.81
Pierre Andraça, FRA	4:01.47
Detlev Grabs, DDR	4:02.93
Karl-Heinz Pflitzer, GER	4:03.68
Stefan Andersson, SWE	4:04.00
Amir Ganiel, ISR	4:06.16
Alli Gharbi, TUN	4:06.23*
Shuji Tsukasaki, JPN	4:06.26*
Dennis Corcoran, CAN	4:06.84
Gerard Smit, HOL	4:07.20
Dariusz Broda, POL	4:07.94
Hiroshi Sakamoto, JPN	4:08.42
Diego Quiroga, ECU	4:08.71
Bill Chao, ROC	4:10.05
Jose Leite, POR	4:12.12
Murat Oezueak, TUR	4:13.72*
Scott Newkirk, ISV	4:15.44*
Nir Shamir, ISR	4:16.38

1500 METER FREE—Aug. 26	
Vladimir Salnikov, USSR	15:03.99†
Borut Petric, YUG	15:20.77*
Bobby Hackett, USA	15:23.38
Max Metzker, AUS	15:25.60
Zoltan Wladar, HUN	15:35.87*
Daniel Machek, TCH	15:38.57
Simon Gray, GBR	15:41.33
Djan Madruga, BRA	Did not finish

Prelims	
Vladimir Salnikov, USSR	15:18.90
Daniel Machek, TCH	15:28.19*
Borut Petric, YUG	15:29.49
Bobby Hackett, USA	15:29.87
Simon Gray, GBR	15:31.42*
Djan Madruga, BRA	15:35.56
Zoltan Wladar, HUN	15:36.32
Max Metzker, AUS	15:36.46
Vladimir Lebedev, USSR	15:38.01
Sandor Nagy, HUN	15:42.58
Ed Ryder, USA	15:44.00
Stefan Andersson, SWE	15:56.99
Shuji Tsukasaki, JPN	15:58.09*
Rob Baylis, CAN	16:05.05
Rafael Escalas, ESP	16:10.19
Gerald Schlupp, GER	16:12.10
Rolando Neiger, SUI	16:21.82
Dariusz Broda, POL	16:23.42
Diego Quiroga, ECU	16:25.65
Jose Leite, POR	16:26.96*
Amir Ganiel, ISR	16:27.16
Karl-Heinz Pflitzer, GER	16:27.96
Dariusz Gil, POL	16:36.18
Scott Newkirk, ISV	17:01.88*
Mohammed Al Salleh, KUW	18:38.67*
Iikka Lahti, FIN	NP
Stephen Lewington, GBR	NP
Dennis Corcoran, CAN	NP
Brett Naylor, NZL	NP
Murat Oezueak, TUR	NP

100 METER BACK—Aug. 20	
Bob Jackson, USA	56.36+
Peter Rocca, USA	56.69
Viktor Kuznetsov, USSR	57.41
Romulo Arantes, BRA	58.01#*
Glenn Patching, AUS	58.44
Fred Eefting, HOL	59.10*
Conrado Porta, ARG	59.13
Gary Hurring, NZL	DQ
(Kuznetsov was disqualified on Aug. 28 by FINA because "of an offense against the doping regulations." Arantes was awarded the bronze medal.)	

Prelims	
Bob Jackson, USA	56.95
Peter Rocca, USA	57.43
Viktor Kuznetsov, USSR	57.56*
Gary Hurring, NZL	58.33*
Romulo Arantes, BRA	58.66
Fred Eefting, HOL	58.69
Glenn Patching, AUS	58.77
Conrado Porta, ARG	58.78*
Zoltan Verraszto, HUN	58.83
Carlos Berrocal, PUR	59.03
Gary Abraham, GBR	59.18
Lutz Wanja, DDR	59.20
Jan Thorell, SWE	59.23
Michael Soederlund, SWE	59.43
Wade Fielemans, CAN	59.54
Miloslav Rolko, TCH	59.58
Reinhold Becker, GER	59.65
Thomas Ackenhausen, DDR	59.73
Krasimir Petkov, BUL	59.78*
James Carter, GBR	1:00.59
Jay Tapp, CAN	1:00.61
Thomas Leberher, GER	1:00.94
Noriyoshi Mishina, JPN	1:01.17
Sandor Wladar, HUN	1:01.50
Genaro Otero, COL	1:01.71
Jose Luis Yopez, ECU	1:01.84
Daniele Cerabino, ITA	1:01.92
Erich Thomann, SUI	1:02.38
Leszek Gorski, POL	1:02.59
Lukman Niode, INA	1:03.77*
Zafer Atamer, TUR	1:04.58
David Lindquist, ISV	1:04.81*
Jasim Zabiah, KUW	1:14.10*
Waleed Ali, KUW	DQ
David Cummins, IRL	NP
Ian Bullock, NZL	NP

200 METER BACK—Aug. 23	
Jesse Vassallo, USA	2:02.16
Gary Hurring, NZL	2:03.71*
Zoltan Verraszto, HUN	2:03.90
Tim Shaw, USA	2:04.33
Fred Eefting, HOL	2:05.01*
Viktor Kuznetsov, USSR	2:05.58*
Sandor Wladar, HUN	2:07.32
Conrado Porta, ARG	2:07.43
(Kuznetsov was disqualified on Aug. 28 by FINA because "of an offense against the doping regulations." Wladar and Porta were awarded sixth and seventh places respectively.)	

Prelims	
Tim Shaw, USA	2:04.83
Jesse Vassallo, USA	2:05.04
Zoltan Verraszto, HUN	2:05.27
Gary Hurring, NZL	2:05.69
Fred Eefting, HOL	2:05.96
Viktor Kuznetsov, USSR	2:05.98
Conrado Porta, ARG	2:06.07
Sandor Wladar, HUN	2:06.42
Miloslav Rolko, TCH	2:07.42
Cameron Henning, CAN	2:07.83
Mike Scarth, CAN	2:07.84
James Carter, GBR	2:08.66
Gary Abraham, GBR	2:08.99
Jan Thorell, SWE	2:09.01
Reinhold Becker, GER	2:09.14
Glenn Patching, AUS	2:09.41
Sergey Fesenko, USSR	2:10.01
Thomas Leberher, GER	2:10.29
Daniele Cerabino, ITA	2:10.64
Leszek Gorski, POL	2:11.68
Carlos Berrocal, PUR	2:11.93
Genaro Otero, COL	2:12.30
Noriyoshi Mishina, JPN	2:14.72
Jose Luis Yopez, ECU	2:15.43
Lukman Niode, INA	2:18.37*
David Lindquist, ISV	2:21.49*
David Cummins, IRL	NP
Ian Bullock, NZL	NP

100 METER BREAST—Aug. 20	
Walter Kusch, GER	1:03.56+
Graham Smith, CAN	1:03.60*
Gerald Moerken, GER	1:03.62
Duncan Goodhew, GBR	1:03.77
Nick Nevid, USA	1:03.84
Shigehiro Takahashi, JPN	1:03.94*
Steve Lundquist, USA	1:04.11
Falk Becker, DDR	1:05.69

Prelims	
Walter Kusch, GER	1:03.72
Nick Nevid, USA	1:04.41
Shigehiro Takahashi, JPN	1:04.48
Duncan Goodhew, GBR	1:04.56
Graham Smith, CAN	1:04.60
Steve Lundquist, USA	1:04.65
Falk Becker, DDR	1:05.24
Gerald Moerken, GER	1:05.31
Aleksandr Fedorovskiy, USSR	1:05.60
Arsen Miskarov, USSR	1:05.81
Jan Sjoestrom, SWE	1:06.23*
Gregor Arnicke, DDR	1:06.40
Glen Christiansen, SWE	1:06.65
Hiroshi Kabatani, JPN	1:06.66
Bruce Kent, CAN	1:06.77
Giorgio Lalle, ITA	1:06.83
Paul Naisby, GBR	1:06.85
Olivier Borios, FRA	1:06.88
Pablo Restrepo, COL	1:06.91*
Alban Vermes, HUN	1:07.05*
Lindsay Spencer, AUS	1:07.46
Helmut Levy, COL	1:08.18
Steffen Krichbaum, AUT	1:08.28
Miguel Santiesteban, MEX	1:08.44
Ron Kehrman, ISR	1:08.64
Kun Hantoyo Pratiasto, INA	1:08.65*
Gheorghii Dangelakov, BUL	1:09.01
Orlando Catinchi, PUR	1:09.29*
Roberto Neiger, SUI	1:09.39
Ronald Hond, HOL	1:09.50
Andrey Aguilar, CRC	1:11.30*
Luis Bajana, ECU	1:11.59
Daniel Pinargote, ECU	1:12.68
Hamad Karam, KUW	1:20.87
Mohammed Abbas, KUW	DQ
Behzad Rahimian, IRN	NP

200 METER BREAST—Aug. 23	
Nick Nevid, USA	2:18.37
Arsen Miskarov, USSR	2:18.42
Walter Kusch, GER	2:20.16
Duncan Goodhew, GBR	2:20.49
Robertas Julpa, USSR	2:20.53
Alban Vermes, HUN	2:20.81*
Graham Smith, CAN	2:20.91
Jeff Freeman, USA	2:22.13

Dariusz Gil, POL	4:16.73
Paulo Frischknecht, POR	4:20.39
Ari Wiren, FIN	NP
Stephen Lewington, GBR	NP
Brett Naylor, NZL	NP
Iikka Lahti, FIN	NP

1500 METER FREE—Aug. 26

Vladimir Salnikov, USSR	15:03.99†
Borut Petric, YUG	15:20.77*
Bobby Hackett, USA	15:23.38
Max Metzker, AUS	15:25.60
Zoltan Wladar, HUN	15:35.87*
Daniel Machek, TCH	15:38.57
Simon Gray, GBR	15:41.33
Djan Madruga, BRA	Did not finish

Prelims

Vladimir Salnikov, USSR	15:18.90
Daniel Machek, TCH	15:28.19*
Borut Petric, YUG	15:29.49
Bobby Hackett, USA	15:29.87
Simon Gray, GBR	15:31.42*
Djan Madruga, BRA	15:35.56
Zoltan Wladar, HUN	15:36.32
Max Metzker, AUS	15:36.46
Vladimir Lebedev, USSR	15:38.01
Sandor Nagy, HUN	15:42.58
Ed Ryder, USA	15:44.00
Stefan Andersson, SWE	15:56.99
Shuji Tsukasaki, JPN	15:58.09*
Rob Baylis, CAN	16:05.05
Rafael Escalas, ESP	16:10.19
Gerald Schlupp, GER	16:12.10
Rolando Neiger, SUI	16:21.82
Dariusz Broda, POL	16:23.42
Diego Quiroga, ECU	16:25.65
Jose Leite, POR	16:26.96*
Amir Ganiel, ISR	16:27.16
Karl-Heinz Pflitzer, GER	16:27.96
Dariusz Gil, POL	16:36.18
Scott Newkirk, ISV	17:01.88*
Mohammed Al Salleh, KUW	18:38.67*
Iikka Lahti, FIN	NP
Stephen Lewington, GBR	NP
Dennis Corcoran, CAN	NP
Brett Naylor, NZL	NP
Murat Oezueak, TUR	NP

100 METER BACK—Aug. 20

Bob Jackson, USA	56.36+
Peter Rocca, USA	56.69
Viktor Kuznetsov, USSR	57.41
Romulo Arantes, BRA	58.01#*
Glenn Patching, AUS	58.44

Prelims			
Jeff Freeman, USA	2:20.63		
Roberto Julpa, USSR	2:20.78		
Gilles Plianco, FRA	2:21.30		
Walter Kusch, GER	2:21.30		
Graham Smith, CAN	2:21.43		
Duncan Goodhew, GBR	2:21.69		
Alban Vermees, HUN	2:22.06		
Arsen Miskarov, USSR	2:22.14		
Nick Nevid, USA	2:22.34		
Shigehiro Takahashi, JPN	2:22.39		
Juergen Bruhn, GER	2:22.59		
Greg Wurzbach, CAN	2:23.79		
Hiroshi Kabatani, JPN	2:24.15		
Glen Christiansen, SWE	2:24.76		
Steffen Kriebbaum, AUT	2:26.9		
Olivier Borios, FRA	2:26.48		
Gregor Arnicke, DDR	2:27.41		
Pablo Restrepo, COL	2:27.70		
Lindsay Spencer, AUS	2:28.3		
Paul Naisby, GBR	2:28.96		
Giorgio Lalle, ITA	2:29.00		
Falk Becker, DDR	2:29.50		
Ron Kehrman, ISR	2:30.96		
Miguel Santisteban, MEX	2:30.97		
Kun Hantoyo Prastiasio, INA	2:31.76*		
Ronald Aguilar, CRC	2:32.07*		
Andrew Hond, HOL	2:32.51		
Luis Bajana, ECU	2:33.13		
Helmut Levy, COL	2:33.78		
Roberto Neiger, SUI	2:33.93		
Hedi Ben Hassen, TUN	2:43.70		
Oriando Cattoni, PUR	.....NP		
100 METER FLY—Aug. 26			
Joe Bottom, USA	54.30		
Greg Jagenburg, USA	55.26		
Par Arvidsson, SWE	55.38		
Roger Pytel, DDR	55.40		
Dan Thompson, CAN	55.43		
Klaus Steinbach, GER	55.96*		
Miloslav Roiko, TCH	55.96		
Kees Vervoorn, HOL	56.27		
Prelims			
Joe Bottom, USA	54.21+		
Par Arvidsson, SWE	55.21*		
Greg Jagenburg, USA	55.33		
Roger Pytel, DDR	55.71		
Miloslav Roiko, TCH	55.89*		
Kees Vervoorn, HOL	55.93*		
Dan Thompson, CAN	56.13		
Klaus Steinbach, GER	56.14		
John Mills, GBR	56.39		
Michael Kraus, GER	56.50		
Evgeniy Seregin, USSR	56.52		
Tommy Lindell, SWE	56.59		
Milos Lukasek, TCH	56.90		
Philip Hubble, GBR	57.31		
Jorge Delgado, ECU	57.46		
Bent Brask, NOR	57.47*		
Thomas Ackenhansen, DDR	57.56		
Enrique Ledesma, Jr., ECU	57.76		
Jorge Jaramillo, COL	57.81		
Heinz Steffen, SUI	58.13*		
Mark Morgan, AUS	58.27		
Shinsuke Kayama, JPN	58.28		
Sergey Korotaev, USSR	58.29		

Arnaldo Perez, PUR	58.38		
Kurt Dittrich, AUT	58.68		
Gilles Plianco, FRA	58.72		
Tamas Mikola, HUN	58.79		
Youlian Vassiliev, BUL	58.92		
Ricardo Urbani, ITA	58.97		
Paulo Frischknecht, POR	59.52*		
Carlos Fontoura, BRA	59.57		
Fernando Canales, PUR	59.69*		
David Cummings, IRL	1:00.70		
Victor Oliveira, POR	1:00.92		
Zaier Atamer, TUR	1:01.26		
Samir Bouchlaghem, TUN	1:01.94		
David Lindquist, ISV	1:02.51		
Bernardo Lesser, MEX	.....NP		
Andrey Aguilari, CRC	.....NP		
Paul Rowe, NZL	.....NP		
George Nagy, CAN	.....NP		
Jayad Motaghi, IRN	.....NP		
200 METER FLY—Aug. 23			
Mike Bruner, USA	1:59.38+		
Steve Gregg, USA	1:59.80		
Roger Pytel, DDR	2:01.33		
Par Arvidsson, SWE	2:01.61		
George Nagy, CAN	2:01.93		
Michael Kraus, GER	2:01.95		
Mikhail Gorelik, USSR	2:01.96		
Philip Hubble, BGR	2:02.66		
Prelims			
Mike Bruner, USA	2:01.17		
Roger Pytel, DDR	2:01.20		
Michael Kraus, GER	2:01.37		
Steve Gregg, USA	2:01.44		
Mikhail Gorelik, USSR	2:01.52		
George Nagy, CAN	2:01.82*		
Par Arvidsson, SWE	2:01.79		
Philip Hubble, BGR	2:02.73		
Milos Lukasek, TCH	2:03.06*		
Tamas Mikola, HUN	2:03.67		
Andrey Avtushenko, USSR	2:03.78		
Claus Bredschneider, CAN	2:04.43		
Jorge Delgado, ECU	2:04.43		
Kees Vervoorn, HOL	2:04.88*		
Ove Nylén, SWE	2:05.07		
Carlos Fontoura, BRA	2:06.47		
Jorge Jaramillo, COL	2:06.50		
Shinsuke Kayama, JPN	2:07.16		
Enrique Ledesma, Jr., ECU	2:07.75		
Bernardo Lesser, MEX	2:08.04		
Francois Cauderay, SUI	2:08.23*		
Peter Broscoleski, GER	2:08.76		
Guillermo Zavala, MEX	2:09.23		
Youlian Vassiliev, BUL	2:09.80		
Paul Rowe, NZL	2:10.50		
David Cummings, IRL	2:11.04		
Samir Bouchlaghem, TUN	2:12.51*		
Tung-Hsiung Hsu, ROC	2:13.97		
Victor Oliveira, POR	2:14.94		
Arnaldo Perez, PUR	.....NP		
Simon Gray, GBR	.....NP		
Andrey Aguilari, CRC	.....NP		
200 METER IM—Aug. 24			
Graham Smith, CAN	2:03.65**		

Jesse Vassallo, USA	2:04.99		
Aleksandr Sidorenko, USSR	2:05.29		
Steve Lundquist, USA	2:05.80		
Bill Sawchuk, CAN	2:06.66*		
Sergey Fesenko, USSR	2:06.96		
Arne Borgstrom, NOR	2:08.18*		
Miloslav Roiko, TCH	2:09.26		
Prelims			
Graham Smith, CAN	2:06.50		
Jesse Vassallo, USA	2:07.16		
Aleksandr Sidorenko, USSR	2:07.68		
Sergey Fesenko, USSR	2:07.94		
Bill Sawchuk, CAN	2:08.06		
Miloslav Roiko, TCH	2:08.31*		
Arne Borgstrom, NOR	2:08.58		
Andras Hargitay, HUN	2:09.22		
Joerg Waller, DDR	2:09.22		
David Lopez-Zubero, ESP	2:10.01		
Joachim Geisler, GER	2:10.63		
Guillermo Zavala, MEX	2:10.81*		
Reinhold Becker, GER	2:11.43		
Zoltan Verraszo, HUN	2:11.91		
Gheorghii Dangalakov, BUL	2:11.97		
Helmut Levy, COL	2:12.59		
Rui Abreu, POR	2:12.87*		
Andrey Aguilari, CRC	2:13.61*		
Pablo Restrepo, COL	2:13.69		
Leszek Gorski, POL	2:13.86		
Bill Chiao, ROC	2:14.14		
Murat Oezueak, TUR	2:14.34		
Kurt Kfirich, AUT	2:14.37*		
Jose De Jesus, PUR	2:14.56		
Tung-Hsiung Hsu, ROC	2:15.04		
David Cummins, IRL	2:15.53		
David Lindquist, ISV	2:17.81*		
Samir Bouchlaghem, TUN	2:18.60		
Lukman Nodie, INA	2:21.69*		
Enrique Ledesma Jr., ECU	2:25.31		
Gary Andersson, SWE	.....NP		
Jasim Sadek, KUW	.....NP		
400 METER IM—Aug. 22			
Jesse Vassallo, USA	4:20.05**		
Sergey Fesenko, USSR	4:22.29**		
Andras Hargitay, HUN	4:27.04		
Aleksandr Sidorenko, USSR	4:27.78		
Csaba Sos, HUN	4:28.95		
Scott Matsuda, USA	4:29.11		
Simon Gray, GBR	4:29.95		
Bill Sawchuk, CAN	4:33.25		
Prelims			
Sergey Fesenko, USSR	4:27.24		
Andras Hargitay, HUN	4:27.29		
Scott Matsuda, USA	4:28.27		
Jesse Vassallo, USA	4:29.09		
Aleksandr Sidorenko, USSR	4:29.59		
Csaba Sos, HUN	4:29.84		
Simon Gray, GBR	4:30.24		
Bill Sawchuk, CAN	4:33.18		
Daniel Machiek, TCH	4:35.54		
Arne Borgstrom, NOR	4:35.54		
Guillermo Zavala, MEX	4:36.47*		
Joachim Geisler, GER	4:38.55		
Leszek Gorski, POL	4:39.30*		

Shuji Tsukasaki, JPN	4:40.01		
Rafael Escalas, ESP	4:42.46		
Pablo Restrepo, COL	4:44.34		
Andrey Aguilari, CRC	4:45.66*		
Claus Bredschneider, CAN	4:47.15		
Murat Oezueak, TUR	4:50.96		
Gheorghii Dangalakov, BUL	4:51.50		
Helmut Levy, COL	4:54.10		
Tung-Hsiung Hsu, ROC	4:54.20		
Samir Bouchlaghem, TUN	4:56.70*		
Bill Chiao, ROC	.....DQ		
400 FREE RELAY—Aug. 22			
USA	3:19.74**		
Jack Babashoff	51.30		
Rowdy Gaines	49.52		
Jim Montgomery	49.66		
David McCagg	49.26		
West Germany	3:26.65		
Andreas Schmidt	52.01		
Ulrich Temps	51.99		
Peter Krust	52.17		
Klaus Steinbach	50.48		
Sweden	3:26.95		
Pelle Holmertz	51.99		
Dan Larssen	51.72		
Per-Ola Olust	51.88		
Per-Alvar Magnusson	51.36		
Canada	3:27.14+		
Bill Sawchuk	52.76		
Graham Smith	51.82		
Gary MacDonald	50.90		
Peter Szmidt	51.66		
Italy	3:28.90†		
Marcello Guarducci	51.94		
Raffaele Franceschi	52.46		
Paolo Sinigaglia	52.74		
Paolo Revelli	51.76		
Great Britain	3:28.93		
Martin Smith	52.69		
Mark Taylor	52.95		
Richard Burrell	51.30		
David Dunne	51.99		
Australia	3:29.37		
Mark Morgan	52.64		
Ron McKeon	52.87		
Graeme Brewer	51.65		
Glenn Patching	52.21		
DDR	3:30.04*		
Roger Pytel	52.37		
Detlev Grabs	52.37		
Guenter Schroeder	52.78		
Lutz Wanja	52.52		
Prelims			
USA	3:25.45		
Sweden	3:27.19		
Great Britain	3:28.76*		
West Germany	3:28.84		
Canada	3:29.38		
Italy	3:29.93		
Australia	3:30.28		
DDR	3:30.31		
USSR	3:31.36		
Puerto Rico	3:33.54*		
Holland	3:34.09*		

800 FREE RELAY—Aug. 24
 USA
 Bruce Furniss 3:35.29
 Israel 3:35.45*
 Denmark 3:36.70*
 Japan 3:37.78*
 Portugal 3:38.37*
 Ecuador 3:43.29
 Kuwait NP
 New Zealand NP

400 MEDLEY RELAY—Aug. 28
 USA
 Bob Jackson 3:44.63+
 Nick Nevil 56.33
 Joe Bottom 1:04.71
 David McCagg 53.91
 West Germany 49.68
 Klaus Steinbach 3:48.58
 Waller Kusch 58.85
 Michael Kraus 1:02.91
 Andreas Schmidt 55.99
 Great Britain 50.83
 Gary Abraham 3:49.06*
 Duncan Goodhew 59.06
 John Mills 1:03.20
 Martin Smith 55.39
 Canada 51.41
 Wade Flemons 3:50.10
 Graham Smith 59.82
 Dan Thompson 1:03.46
 Gary MacDonald 55.33
 DDR 51.49
 Lutz Wanja 3:50.15*
 Falk Becker 58.95
 Roger Pytel 1:03.76
 Detlev Grabs 54.85
 Sweden 52.59
 Michael Soederlund 3:50.58*
 Jan Sjoestrom 59.05
 Par Arvidsson 1:05.40
 Pelle Holmertz 54.69
 USSR 51.44
 Aleksandr Sidorenko 3:51.18
 Arsen Miskarov 58.46
 Evgeniy Seredin 1:05.22
 Andrey Krylov 56.00
 Japan 51.50
 Noriyoshi Mishina 3:54.84
 Shigehiro Takahashi 1:01.26
 Shinsuke Kayama 1:03.47
 Hidenori Ishii 57.92
 Hidenori Ishii 52.19

Prelims
 USA 7:33.63
 USSR 7:34.66
 Sweden 7:34.73
 West Germany 7:37.88
 Italy 7:38.51
 France 7:41.22
 Australia 7:41.94
 DDR 7:42.27
 Great Britain 7:43.88

Holland 7:47.51
 Spain 7:50.73
 Portugal 7:52.98*
 Israel 7:55.64*
 Puerto Rico 8:05.80
 Ecuador 8:17.52
 Canada DQ
 Japan DQ
 New Zealand NP

100 METER FREE—Aug. 28
 Barbara Krause, DDR 55.68+
 Lene Jenssen, NOR 56.82*
 Larisa Tsareva, USSR 56.85*
 Stephanie Elkins, USA 56.98
 Enith Brigitha, HOL 57.17
 Heike Witt, DDR 57.49
 Birgitta Joensson, SWE 57.54*
 Rebecca Perrott, NZL 58.03

Prelims
 Barbara Krause, DDR 55.99
 Larisa Tsareva, USSR 57.00
 Lene Jenssen, NOR 57.04
 Stephanie Elkins, USA 57.22
 Heike Witt, DDR 57.41
 Enith Brigitha, HOL 57.51
 Birgitta Joensson, SWE 57.98
 Rebecca Perrott, NZL 58.01
 Jane Abraham, USA 58.17
 Wendy Quirk, CAN 58.20
 Olga Kievakina, USSR 58.21
 Petra Jensurski, GER 58.26
 Marion Alzpor, GER 58.42
 Ineke Ran, HOL 58.52
 Gylaine Berger, FRA 58.53
 Guri Kogstad, NOR 58.68
 Rosemary Brown, AUS 58.71
 Carol Klimpel, CAN 58.97
 Sachiko Yamazaki, JPN 59.51*
 Sharon Davies, JPN 59.60
 Heidi Turk, GBR 59.68
 Heidi Koch, AUT 59.75
 Andrea Hawridge, NZL 59.94
 Charlotte Petersen, DEN 1:00.63
 Shelley Cramer, ISV 1:00.63*
 Anette Fredericksen, SWE 1:00.69
 Lene Jenssen, DEN 1:00.79
 Natalia Mas, ESP 1:01.02
 Yue-Yuen Hsu, ROC 1:01.14
 Julia Lopez-Zubero, ESP 1:01.32
 Maria M. Paris, CRC 1:01.41
 Marie Rose Verplaetse, BEL 1:01.49
 Rachanwan Bulakul, THA 1:01.55
 Maria Gulmaras, BRA 1:01.67
 Lorgja Oreguela, ECU 1:01.74
 Rosanna Juncos, ARG 1:01.95
 Yasmine Kummer, LUX 1:02.35

Hungary 3:56.61*
 Holland 3:57.39
 Australia 3:57.73
 Bulgaria 4:01.31
 Puerto Rico 4:04.05
 Colombia 4:05.28
 Ecuador 4:12.30
 Tunisia 4:18.91
 Italy DQ
 New Zealand NP

200 METER FREE—Aug. 22
 Cynthia Woodhead, USA 1:58.53**
 Barbara Krause, DDR 1:59.78
 Larisa Tsareva, USSR 2:01.76*
 Annelies Maas, HOL 2:01.89
 Enith Brigitha, HOL 2:01.99
 Stephanie Elkins, USA 2:02.29
 Nancy Garapick, CAN 2:04.14
 Gail Amundrud, CAN 2:04.14

Prelims
 Cynthia Woodhead, USA 2:00.44
 Enith Brigitha, HOL 2:01.15*
 Barbara Krause, DDR 2:01.42
 Larisa Tsareva, USSR 2:02.02
 Annelies Maas, HOL 2:03.02
 Stephanie Elkins, USA 2:03.21
 Nancy Garapick, CAN 2:03.70
 Gail Amundrud, CAN 2:04.23
 Birgitta Joensson, SWE 2:04.29
 Irina Aksenova, USSR 2:04.39
 Petra Jensurski, GER 2:04.51*
 Rebecca Perrott, NZL 2:04.79
 Guri Kogstad, NOR 2:05.06
 Marion Alzpor, GER 2:05.07
 Cheryl Brazendale, GBR 2:06.54
 Andrea Strachota, AUT 2:08.15
 Lone Jensen, DEN 2:09.18
 Charlotte Petersen, DEN 2:09.31
 Maria Gulmaras, BRA 2:09.67
 Sonya Dangalakova, BUL 2:09.92
 Sachiko Yamazaki, JPN 2:09.94*
 Heidi Koch, AUT 2:09.94
 Rachanwan Bulakul, THA 2:10.90*
 Natalia Mas, ESP 2:11.01
 Shelley Cramer, ISV 2:11.19*
 Pascale Verbauwen, BEL 2:11.73
 Andrea Neumayer, ARG 2:11.87
 Maria Slonina, POL 2:12.27
 Wen-Hsuen Kiang, ROC 2:13.14
 Renata Janik, POL 2:14.13*
 Adriana Fontan, COL 2:14.34
 Marie Rose Verplaetse, BEL 2:14.52
 Lorgja Oreguela, ECU 2:15.03
 Myriam Mizouni, TUN 2:15.23
 Myrja Raeikkalae, FIN 2:15.65
 Sumatana Pingkalawan, THA 2:22.04
 Ahlem Gheribi, TUN 2:22.38
 Michelle Ford, AUS NP
 Petra Thumer, DDR NP
 Sharon Davies, GBR NP
 Tracey Wickham, AUS NP

Wen-Hsuen Kiang, ROC 1:02.77
 Nanik J. Soewadi, INA 1:03.40
 Marta Slonina, POL 1:03.65
 Myriam Mizouni, TUN 1:03.92
 Sumatana Pingkalawan, THA 1:04.26
 Anita Sapardjiman, INA 1:05.24
 Ahlem Gheribi, TUN 1:05.59
 Karen Van De Graat, AUS NP

200 METER FREE—Aug. 22
 Cynthia Woodhead, USA 1:58.53**
 Barbara Krause, DDR 1:59.78
 Larisa Tsareva, USSR 2:01.76*
 Annelies Maas, HOL 2:01.89
 Enith Brigitha, HOL 2:01.99
 Stephanie Elkins, USA 2:02.29
 Nancy Garapick, CAN 2:04.14
 Gail Amundrud, CAN 2:04.14

Prelims
 Cynthia Woodhead, USA 2:00.44
 Enith Brigitha, HOL 2:01.15*
 Barbara Krause, DDR 2:01.42
 Larisa Tsareva, USSR 2:02.02
 Annelies Maas, HOL 2:03.02
 Stephanie Elkins, USA 2:03.21
 Nancy Garapick, CAN 2:03.70
 Gail Amundrud, CAN 2:04.23
 Birgitta Joensson, SWE 2:04.29
 Irina Aksenova, USSR 2:04.39
 Petra Jensurski, GER 2:04.51*
 Rebecca Perrott, NZL 2:04.79
 Guri Kogstad, NOR 2:05.06
 Marion Alzpor, GER 2:05.07
 Cheryl Brazendale, GBR 2:06.54
 Andrea Strachota, AUT 2:08.15
 Lone Jensen, DEN 2:09.18
 Charlotte Petersen, DEN 2:09.31
 Maria Gulmaras, BRA 2:09.67
 Sonya Dangalakova, BUL 2:09.92
 Sachiko Yamazaki, JPN 2:09.94*
 Heidi Koch, AUT 2:09.94
 Rachanwan Bulakul, THA 2:10.90*
 Natalia Mas, ESP 2:11.01
 Shelley Cramer, ISV 2:11.19*
 Pascale Verbauwen, BEL 2:11.73
 Andrea Neumayer, ARG 2:11.87
 Maria Slonina, POL 2:12.27
 Wen-Hsuen Kiang, ROC 2:13.14
 Renata Janik, POL 2:14.13*
 Adriana Fontan, COL 2:14.34
 Marie Rose Verplaetse, BEL 2:14.52
 Lorgja Oreguela, ECU 2:15.03
 Myriam Mizouni, TUN 2:15.23
 Myrja Raeikkalae, FIN 2:15.65
 Sumatana Pingkalawan, THA 2:22.04
 Ahlem Gheribi, TUN 2:22.38
 Michelle Ford, AUS NP
 Petra Thumer, DDR NP
 Sharon Davies, GBR NP
 Tracey Wickham, AUS NP

400 METER FREE—Aug. 24

Tracey Wickham, AUS	4:06.28**
Cynthia Woodhead, USA	4:07.15*
Kim Linehan, USA	4:07.73
Barbara Krause, DDR	4:12.08
Michelle Ford, AUS	4:13.16
Annelies Maas, HOL	4:14.39
Irina Aksenova, USSR	4:16.28
Enith Brigitha, HOL	4:18.60

Prelims

Michelle Ford, AUS	4:13.36
Annelies Maas, HOL	4:14.11
Kimberly Linehan, USA	4:14.12
Cynthia Woodhead, USA	4:14.47
Barbara Krause, DDR	4:15.44
Irina Aksenova, USSR	4:16.36
Tracey Wickham, AUS	4:18.78
Enith Brigitha, HOL	4:20.30
Barb Shockey, CAN	4:23.37
Susan Mason, CAN	4:23.54
Cheryl Brazendale, GBR	4:23.69
Roberta Felotti, ITA	4:23.84
Andrea Strachota, AUT	4:25.58*
Susanne Ackum, SWE	4:26.33
Charlotte Petersen, DEN	4:27.08*
Galina Emelianenko, USSR	4:27.38
Susanne Schuster, GER	4:28.30
Margareta Maunsbach, DEN	4:30.62
Karin Averdunk, GER	4:31.01
Sonya Dangkalakova, BUL	4:32.31
Andrea Neumayer, ARG	4:32.53
Marta Sionina, POL	4:34.38*
Pascale Verbauwen, BEL	4:35.24
Rachaniwan Bulakul, THA	4:36.09
Marja Raelkkaelae, FIN	4:36.36*
Adriana Fontan, COL	4:37.46
Wen-Ying Kiang, ROC	4:37.99
Wen-Hsuen Kiang, ROC	4:38.19
Renata Janik, POL	4:38.87
Veronica Espinosa, MEX	4:44.06
Sumatana Pingkalawan, THA	5:03.02
Petra Thumer, DDR	NP
Guri Kogstad, NOR	NP
Myriam Mizouni, TUN	NP
Natalia Mas, ESP	NP
Rebecca Perrott, NZL	NP

800 METER FREE—Aug. 28

Tracey Wickham, AUS	8:24.94+
Cynthia Woodhead, USA	8:29.35*
Kim Linehan, USA	8:32.60
Michelle Ford, AUS	8:33.45
Annelies Maas, HOL	8:42.71
Irina Aksenova, USSR	8:43.56*
Marina Altmann, DDR	8:57.53
Roberta Felotti, ITA	8:58.26

Prelims

Cynthia Woodhead, USA	8:37.01
Kim Linehan, USA	8:40.16
Michelle Ford, AUS	8:41.03
Tracey Wickham, AUS	8:46.60
Irina Aksenova, USSR	8:48.46
Annelies Maas, HOL	8:49.66
Marina Altmann, DDR	8:56.93
Roberta Felotti, ITA	8:57.54
Lorinda Parkes, CAN	8:59.67
Galina Emelianenko, USSR	9:03.66
Barb Shockey, CAN	9:04.51

Susanne Ackum, SWE	9:13.82
Karin Averdunk, GER	9:15.72
Sonya Dangkalakova, BUL	9:16.68
Andrea Neumayer, ARG	9:16.87
Marja Raelkkaelae, FIN	9:20.73*
Marta Sionina, POL	9:21.56
Margareta Maunsbach, DEN	9:22.04
Andrea Strachota, AUT	9:22.16
Veronica Espinosa, MEX	9:27.08
Wen-Ying Kiang, ROC	9:32.62
Renata Janik, POL	9:34.23
Adriana Fontan, COL	9:38.25
Sumatana Pingkalawan, THA	NP
Cheryl Brazendale, GBR	NP
Rebecca Perrott, NZL	NP
Pascale Verbauwen, BEL	NP
Petra Thumer, DDR	NP

100 METER BACK—Aug. 22

Linda Jezek, USA	1:02.55*+
Birgit Treiber, DDR	1:03.18
Cheryl Gibson, CAN	1:03.43
Monique Bosga, HOL	1:03.86*
Sue Walsh, USA	1:04.11
Antje Stille, DDR	1:04.45
Carmen Bunaciu, ROM	1:04.53
Carine Verbauwen, BEL	1:04.99

Prelims

Linda Jezek, USA	1:03.22
Birgit Treiber, DDR	1:03.49
Cheryl Gibson, CAN	1:03.70
Sue Walsh, USA	1:04.36
Antje Stille, DDR	1:04.63
Monique Bosga, HOL	1:04.65
Carine Verbauwen, BEL	1:04.92
Carmen Bunaciu, ROM	1:04.95
Agnes Fodor, HUN	1:04.99
Gabriella Verraszto, HUN	1:05.02
Elena Kruglova, USSR	1:05.09
Diane Edelijn, HOL	1:05.18
Debra Forster, AUS	1:05.19
Helene Boivin, CAN	1:05.31
Ute Neubert, GER	1:05.82
Kaire Indrikson, USSR	1:05.82
Joy Beasley, GBR	1:05.83*
Heike John, GER	1:05.84
Lisa Forrest, AUS	1:06.56
Helen Gilyard, GBR	1:06.76
Tina Gustafsson, SWE	1:06.81
Hisae Asari, JPN	1:07.13
Andrea Hawcridge, NZL	1:07.44
Melanie Jones, NZL	1:07.62
Teresa Rivera, MEX	1:08.71*
Maria M. Paris, CRC	1:09.33
Kristina Salminen, FIN	1:09.87
Cintia Bellotto, ARG	1:10.53
Myriam Mizouni, TUN	NP

200 METER BACK—Aug. 24

Linda Jezek, USA	2:11.93**
Birgit Treiber, DDR	2:14.07
Cheryl Gibson, CAN	2:14.23†
Carmen Bunaciu, ROM	2:16.65*
Margaret Browne, USA	2:17.19
Antje Stille, DDR	2:18.79
Elena Kruglova, USSR	2:18.99
Gabriella Verraszto, HUN	2:19.63

Prelims
 Birgit Treiber, DDR 2:16.46
 Linda Jezek, USA 2:17.07
 Cheryl Gibson, CAN 2:17.50
 Margaret Browne, USA 2:17.85
 Anrije Stille, DDR 2:17.87
 Carmen Bunacio, ROM 2:18.40
 Elena Kruglova, USSR 2:18.49
 Gabriella Verraszo, HUN 2:18.56
 Montique Bosga, HOL 2:18.57
 Suzanne Kwasny, CAN 2:19.18
 Melanie Jones, NZL 2:19.36
 Lisa Forrest, AUS 2:19.98
 Carine Verbauwen, BEL 2:20.55
 Diane Edellin, HOL 2:21.34
 Glenda Robertson, AUS 2:21.84
 Agnes Fodor, HUN 2:22.58
 Kaire Indrikson, USSR 2:23.14
 Tiziana Bertoloni, ITA 2:23.15
 Tina Gustafsson, SWE 2:23.49
 Heike John, GER 2:23.52
 Hisae Asari, JPN 2:24.61
 Joy Beasley, GBR 2:24.68
 Heike Schwab, GER 2:24.73
 Teresa Rivera, MEX 2:28.10
 Kristlina Salminen, FIN 2:28.56
 Nanik Jullati Soewadji, INA 2:32.02
 Cintia Bellotto, ARG 2:34.68
 Sharron Davies, GBR NP

100 METER BREAST—Aug. 22
 Julia Bogdanova, USSR 1:10.31**
 Tracy Caulkins, USA 1:10.77*
 Margaret Kelly, GBR 1:11.99
 Kathy Treible, USA 1:12.38
 Eva-Marie Hakansson, SWE 1:12.58*
 Ramona Reinke, DDR 1:12.82
 Dagmar Rehak, GER 1:12.71
 Annick De Susini, FRA 1:13.78

Prelims
 Margaret Kelly, GBR 1:11.73†
 Tracy Caulkins, USA 1:12.14
 Kathy Treible, USA 1:12.44
 Ramona Reinke, DDR 1:12.48
 Julia Bogdanova, USSR 1:12.54
 Dagmar Rehak, GER 1:12.56
 Eva-Marie Hakansson, SWE 1:12.88

Annick De Susini, FRA 1:13.03*
 Angelika Knipping, GER 1:13.61
 Marian Stuart, CAN 1:13.74
 Sylvia Rinka, DDR 1:13.86
 Catherine Poirot, FRA 1:13.96
 Maritzka Vanderlinden, HOL 1:14.00*
 Marina Kosheva, USSR 1:14.06
 Anna Skolarczyk, POL 1:14.17*
 Debbie Rudd, GBR 1:14.72
 Robin Corsiglia, CAN 1:14.74
 Ingela Havaas, SWE 1:15.08
 Irena Fleissnerova, TCH 1:15.21*
 Manuela Dalla Valle, ITA 1:15.24*
 Monica Coro, ITA 1:15.80
 I-May Pei, ROC 1:16.10
 Olga Estefaneli, ESP 1:16.23
 Lisa Curry, AUS 1:16.46
 Elke Holtz, MEX 1:16.89*
 Masaako Murakami, JPN 1:16.89
 Alicia Boscatto, ARG 1:17.09
 Antoinet De Groot, HOL 1:17.32
 Ise Schoors, BEL 1:17.89*
 Nanik Jullati Soewadji, INA 1:18.54
 Vibeke Olsen, NOR 1:18.66
 Kazuyo Inaba, JPN 1:18.68
 Anita-Sapardjiman, INA 1:19.31
 Karin Miklutz, AUT 1:19.63
 Maja Rodic, YUG 1:20.68*
 Sumatana Pingkalawan, THA 1:26.05
 Susanne Nielsson, DEN NP

200 METER BREAST—Aug. 24
 Lina Kachushite, USSR 2:31.42**
 Julia Bogdanova, USSR 2:32.69
 Susanne Nielsson, DEN 2:33.60*
 Irena Fleissnerova, TCH 2:36.09*
 Margaret Kelly, GBR 2:37.29
 Annick De Susini, FRA 2:37.58
 Dagmar Rehak, GER 2:37.68
 Debbie Rudd, GBR DQ

Prelims
 Lina Kachushite, USSR 2:33.11
 Julia Bogdanova, USSR 2:34.57
 Susanne Nielsson, DEN 2:35.05
 Debbie Rudd, GBR 2:35.64†
 Dagmar Rehak, GER 2:37.03*
 Irena Fleissnerova, TCH 2:37.29

Annick De Susini, FRA 2:38.27
 Margaret Kelly, GBR 2:38.45
 Marion Rosche, DDR 2:39.24
 Tracy Caulkins, USA 2:39.33
 Kim Dunson, USA 2:39.40
 Anna Skolarczyk, POL 2:39.62
 Ingela Havaas, SWE 2:39.74
 Christine Hodson, CAN 2:40.12
 Lisa Borsholt, CAN 2:40.31
 Ramona Reinke, DDR 2:40.48
 Catherine Poirot, FRA 2:40.54
 Ulrike Goronitz, GER 2:41.29
 Lisa Curry, AUS 2:43.64
 Maritzka Vanderlinden, HOL 2:45.17
 Olga Estefaneli, ESP 2:45.26
 Elke Holtz, MEX 2:45.47*
 Ise Schoors, BEL 2:46.29
 Masaako Murakami, JPN 2:46.36
 Alicia Boscatto, ARG 2:46.37
 Antoinet De Groot, HOL 2:46.88
 I-May Pei, ROC 2:48.44
 Kazuyo Inaba, JPN 2:50.72
 Maja Rodic, YUG 2:51.22*
 Anita-Sapardjiman, INA 2:54.66
 Vibeke Olsen, NOR NP
 Maarit Vaeheasaari, FIN NP
 Eva-Marie Hakansson, SWE NP
 Karin Miklutz, AUT NP

100 METER FLY—Aug. 23
 Joan Pennington, USA 1:00.20*+
 Andrea Pollack, DDR 1:00.26
 Wendy Quirk, CAN 1:01.82
 Betsy Rapp, USA 1:02.29
 Karin Saick, GER 1:02.71
 Sue Sloan, CAN 1:02.74
 Ann Osgerby, GBR 1:02.74*
 Enith Brigitha, HOL 1:02.78*

Prelims
 Andrea Pollack, DDR 1:00.86
 Joan Pennington, USA 1:01.35
 Wendy Quirk, CAN 1:02.45
 Karin Saick, GER 1:02.63*
 Enith Brigitha, HOL 1:02.89
 Ann Osgerby, GBR 1:02.90
 Sue Sloan, CAN 1:02.97
 Betsy Rapp, USA 1:03.04

Cinzia Savi-Scarponi, ITA 1:03.16
 Maria M. Paris, CRC 1:03.37
 Ineke Ran, HOL 1:03.49
 Penny McCarthy, NZL 1:03.64
 Linda Hanel, AUS 1:03.66
 Lena De Val, SWE 1:03.70
 Yasue Hatsuda, JPN 1:04.35
 Cristina Quintarelli, ITA 1:04.55
 Shelley Cramer, ISV 1:04.61*
 Agneta Martensson, SWE 1:04.69
 Barbara Gellrich, GER 1:04.82
 Sue Jenner, GBR 1:04.87
 Alla Grischenkova, USSR 1:05.67
 Miriam Hopkins, IRL 1:05.95
 Martine Verbrey, BEL 1:05.96
 Valeria Tarbeeva, USSR 1:06.57
 Rosanna Junco, ARG 1:06.57
 Renata Darniecka, POL 1:07.68*
 Yue-Yuen Hsu, ROC 1:07.72
 Yasmine Kummer, LUX 1:07.83
 Thorunn Alfredsdottir, ISL 1:08.42
 Wen-Hsuen Kiang, ROC 1:09.32
 Rachaniwan Bulakul, THA 1:09.55*
 Sumatana Pingkalawan, THA 1:12.01
 Christiane Knacke, DDR NP
 Tracey Wickham, AUS NP

200 METER FLY—Aug. 26
 Tracy Caulkins, USA 2:09.87**
 Nancy Hogshead, USA 2:11.30
 Andrea Pollack, DDR 2:12.63
 Wendy Quirk, CAN 2:14.08
 Cinzia Rampazzo, ITA 2:14.76*
 Kelly Albright, CAN 2:15.44
 Ann Osgerby, GBR 2:16.01
 Jane Lang, DDR 2:17.43

Prelims
 Tracy Caulkins, USA 2:11.78
 Nancy Hogshead, USA 2:14.26
 Kelly Albright, CAN 2:14.31
 Wendy Quirk, CAN 2:14.82
 Andrea Pollack, DDR 2:15.04
 Cinzia Rampazzo, ITA 2:15.91
 Ann Osgerby, GBR 2:16.32
 Jane Lang, DDR 2:16.67
 Michelle Ford, AUS 2:16.81
 Linda Hanel, AUS 2:17.33

West Germany	4:15.25*
Ute Neubert	1:05.44
Dagmar Rehak	1:11.03
Karin Seick	1:01.83
Petra Jensurski	56.95
Holland	4:16.44*
Monique Bosga	1:04.27
Maritzka Vanderlinden	1:13.31
Ineke Ran	1:02.44
Enith Brightha	56.42
Canada	4:17.30
Helene Bolvin	1:05.20
Marian Stuart	1:13.42
Wendy Quirk	1:00.95
Carol Klimpel	57.73
Sweden	4:19.37
Tina Gustafsson	1:06.36*
Eva-Marie Hakansson	1:12.92
Agneta Martensson	1:02.92
Birgitta Joensson	57.17
Australia	4:21.50
Deborah Forster	1:04.81
Lisa Curry	1:15.42
Linda Hanel	1:02.63
Rosemary Brown	58.64

Prelims

USA	4:14.77
DDR	4:15.10
Holland	4:17.24
West Germany	4:17.70
USSR	4:18.23
Canada	4:19.11
Sweden	4:19.15*
Australia	4:21.02
Great Britain	4:22.66
France	4:24.50*
Japan	4:27.99
Spain	4:28.02*
Belgium	4:28.20*
Italy	4:28.36*
Poland	4:36.87*
Argentina	4:38.29