

FOR THE RECORD

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IV WORLD SWIMMING CHAMPIONSHIPS
Alberto Vallarino Pool
Guayaquil, Ecuador
Aug. 1-7, 1982 50 M. Pool
World Record
National Record
Commonwealth Record
European Record
South American Record
World Championship Record

WOMEN
100 M FREESTYLE—Aug. 1
Championship Finals
Birgit Meinke, DDR 55.79
Annemarie Verstappen, HOL 55.87
Jill Sterkel, USA 56.27
Karin Seick, FRG 56.61
Irina Gerassimova, USSR 56.69
Caren Metschuk, DDR 56.71
Agneta Eriksson, SWE 56.90
Kathy Treible, USA 56.92
Consolation Finals
June Croft, GBR 57.06
Kaori Yanase, JPN 57.55
Susanne Schuster, FRG 57.66
Carol Klimpel, CAN 57.82
Isabel Reuss Gerding, MEX 57.91
Wilma Van Velsen, HOL 58.07
Sylvie Boube, FRA 58.38
Natalia Strounnikova, USSR 58.45
Prelims
Birgit Meinke, DDR 55.34#
Annemarie Verstappen, HOL 56.02
Jill Sterkel, USA 56.99
Irina Gerassimova, USSR 57.00
Kathy Treible, USA 57.02
Caren Metschuk, DDR 57.19
Karin Seick, FRG 57.20
Agneta Eriksson, SWE 57.44
Kaori Yanase, JPN 57.49
Susanne Schuster, FRG 57.54
June Croft, GBR 57.82
Wilma Van Velsen, HOL 57.92
Carol Klimpel, CAN 58.10
Natalia Strounnikova, USSR 58.49
Isabel Reuss Gerding, MEX 58.51
Sylvie Boube, FRA 58.57
Suzi Baumer, AUS 58.58
Virginia Sachero, ARG 58.70
Naomi Marubashi, CAN 58.78
Mika Saito, JPN 59.18
Pascale Verbauwen, BEL 59.24
Marie-Therese Armentero, SUI 59.29
Beda Leirvag, NOR 59.38
Silvia Persi, ITA 59.50
Claudia Zierold, SUI 59.81
Caroline Foot, GBR 59.94
Vilma Aguilera, PUR 59.98
Sofia Dara, GRE 1:00.02
Carol Ann Heavey, IRL 1:00.47
Frederique Piégad, FRA 1:00.96
Anita Hill, PUR 1:01.36
Sandra Crouse, PER 1:01.55

Shelley Cramer, VIR 1:01.65
Tania Bogomilova, BUL 1:01.83
Maria Bendito, VEN 1:02.30
200 M FREESTYLE—Aug. 2
Championship Finals
Annemarie Verstappen, HOL 1:59.53\*
Birgit Meinke, DDR 2:00.67
Annelies Maas, HOL 2:00.84
Carmela Schmidt, DDR 2:01.10
Irina Gerassimova, USSR 2:01.13
Marybeth Linzmeier, USA 2:01.51
June Croft, GBR 2:01.52
Tiffany Cohen, USA 2:02.16
Consolation Finals
Kaori Yanase, JPN 2:03.18\*
Natalia Strounnikova, USSR 2:03.50
Susanne Schuster, FRG 2:03.88
Isabel Reuss Gerding, MEX 2:04.19
Suzi Baumer, AUS 2:04.63
Agneta Eriksson, SWE 2:04.77
Cheryl McArton, CAN 2:04.80
Mika Saito, JPN 2:04.86
Prelims
Birgit Meinke, DDR 2:01.51
Marybeth Linzmeier, USA 2:01.54
Annelies Maas, HOL 2:02.29
Annemarie Verstappen, HOL 2:02.35
June Croft, GBR 2:02.53
Carmela Schmidt, DDR 2:02.55
Irina Gerassimova, USSR 2:03.25
Tiffany Cohen, USA 2:03.67
Suzi Baumer, AUS 2:04.12
Kaori Yanase, JPN 2:04.29\*
Susanne Schuster, FRG 2:04.29
Natalia Strounnikova, USSR 2:04.34
Agneta Eriksson, SWE 2:04.71
Mika Saito, JPN 2:04.86
Isabel Reuss Gerding, MEX 2:05.11
Cheryl McArton, CAN 2:05.32
Carla Last, ITA 2:05.67
Julie Daigneault, CAN 2:05.74
Nicole Schreier, SUI 2:05.81\*
Veronique Stephan, FRA 2:05.98
Sofia Dara, GRE 2:05.98\*
Silvia Persi, ITA 2:06.04
Christine Schlaak, FRG 2:06.54
Jackie Willmott, GBR 2:06.90
Pascale Verbauwen, BEL 2:07.78
Beda Leirvag, NOR 2:08.01
Carol Ann Heavey, IRL 2:10.10
Virginia Sachero, ARG 2:10.15\*
Maria Bendito, VEN 2:11.35\*
Sandra Bohorquez, COL 2:12.28\*
Shelley Cramer, ISV 2:12.66
Anita Hill, PUR 2:12.70
Sandra Crouse, PER 2:14.95
Claudia Zierold, SUI 2:15.05
Jacqueline Franceschi, PUR 2:16.44
400 M FREESTYLE—Aug. 3
Championship Finals
Carmela Schmidt, DDR 4:08.98
Petra Schneider, DDR 4:10.08
Tiffany Cohen, USA 4:11.85
Annelies Maas, HOL 4:12.21
Jolanda Van Der Meer, HOL 4:12.40
Marybeth Linzmeier, USA 4:12.72
June Croft, GBR 4:14.46
Suzi Baumer, AUS 4:15.52
Consolation Finals
Jackie Willmott, GBR 4:11.67\*
Olga Troitskaia, USSR 4:18.40
Julie Daigneault, CAN 4:21.23
Sofia Dara, GRE 4:22.31
Pascale Verbauwen, BEL 4:22.81
Susanne Schuster, FRG 4:22.95
Carla Last, ITA 4:22.96
Maria Bendito, VEN 4:23.24
Prelims
Petra Schneider, DDR 4:12.43
Jolanda Van Der Meer, HOL 4:14.08
Carmela Schmidt, DDR 4:14.52
Annelies Maas, HOL 4:14.80
Tiffany Cohen, USA 4:15.56
Suzi Baumer, AUS 4:17.46
Marybeth Linzmeier, USA 4:17.50
Irina Laritcheva, USSR 4:18.19
June Croft, GBR 4:18.54
Jackie Willmott, GBR 4:19.63
Olga Troitskaia, USSR 4:20.49
Sofia Dara, GRE 4:20.99\*
Julie Daigneault, CAN 4:21.56
Pascale Verbauwen, BEL 4:22.71
Carla Last, ITA 4:23.58
Cheryl McArton, CAN 4:24.11
Isabel Reuss Gerding, MEX 4:32.12
Maria Bendito, VEN 4:37.70
Carol Ann Heavey, IRL 4:38.06

Sandra Bohorquez, COL 4:38.54\*
Lolita Fuentes, ECU 4:41.85\*
Anita Hill, PUR 4:42.01\*
800 M FREESTYLE—Aug. 5
Championship Finals
Kim Linehan, USA 8:27.48
Jackie Willmott, GBR 8:32.61\*
Carmela Schmidt, DDR 8:33.67
Petra Schneider, DDR 8:36.27
Tiffany Cohen, USA 8:36.96
Jolanda Van Der Meer, HOL 8:41.16
Olga Troitskaia, USSR 8:48.50
Suzi Baumer, AUS 8:54.61
Prelims
Kim Linehan, USA 8:29.48
Jackie Willmott, GBR 8:38.41
Tiffany Cohen, USA 8:41.15
Petra Schneider, DDR 8:42.13
Jolanda Van Der Meer, HOL 8:44.56
Carmela Schmidt, DDR 8:45.08
Suzi Baumer, AUS 8:46.34
Olga Troitskaia, USSR 8:47.47
Annelies Maas, HOL 8:47.71
Ann Linder, SWE 8:47.79
Irina Laritcheva, USSR 8:51.94
Sofia Dara, GRE 8:55.55\*
Carla Last, ITA 8:57.36
Pascale Verbauwen, BEL 9:06.11
Julie Daigneault, CAN 9:08.21
Cheryl McArton, CAN 9:09.56
Lolita Fuentes, ECU 9:26.66\*
100 M BACKSTROKE—Aug. 3
Championship Finals
Kristin Otto, DDR 1:01.30#
Ina Kieber, DDR 1:01.47
Sue Walsh, USA 1:02.86
Larissa Gortchakova, USSR 1:02.92
Carmen Bunaci, ROM 1:03.32
Marion Aizpors, FRG 1:04.78
Jolanda De Rover, HOL 1:04.78
Yolanda Van Der Straten, BEL 1:05.21
Consolation Finals
Georgina Parkes, AUS 1:04.35
Libby Kinkead, AUS 1:04.41
Manuela Carosi, ITA 1:04.42
Marie-Therese Armentero, SUI 1:05.14\*
Irina Chlyteva, USSR 1:05.27
Ute Neubert, FRG 1:05.30
Cheryl Gibson, CAN 1:05.42
Helen Jameson, GBR 1:05.77
Prelims
Kristin Otto, DDR 1:02.23
Ina Kieber, DDR 1:02.61
Sue Walsh, USA 1:03.18
Larissa Gortchakova, USSR 1:03.32
Carmen Bunaci, ROM 1:03.97
Jolanda De Rover, HOL 1:04.43
Yolanda Van Der Straten, BEL 1:04.71
Marion Aizpors, FRG 1:04.73
Manuela Carosi, ITA 1:04.81
Libby Kinkead, AUS 1:04.97
Cheryl Gibson, CAN 1:05.16
Ute Neubert, FRG 1:05.30
Georgina Parkes, AUS 1:05.31
Marie-Therese Armentero, SUI 1:05.40
Conny Van Bentum, HOL 1:05.61
Helen Jameson, GBR 1:05.75
Irina Chlyteva, USSR 1:06.02
Jennifer Campbell, CAN 1:06.05
Hisae Asari, JPN 1:06.17
Jane Admans, GBR 1:06.86
Sandra Barbato, URU 1:07.67\*
Teresa Figueiras, POR 1:09.02
Karin Brandes, PER 1:09.11\*
Shelley Cramer, ISV 1:09.99
Jacqueline Franceschi, PUR 1:10.49
Adriana Carbajal, URU 1:10.92
Koudiri Soumeiya, ALG 1:11.63\*
200 M BACKSTROKE—Aug. 7
Championship Finals
Cornelia Sirch, DDR 2:09.91\*
Georgina Parkes, AUS 2:14.98
Carmen Bunaci, ROM 2:15.40
Larissa Gortchakova, USSR 2:15.63
Sue Walsh, USA 2:15.90
Tracy Caulkins, USA 2:16.95
Kathrin Zimmerman, DDR 2:17.65
Jolanda De Rover, HOL 2:18.09
Consolation Finals
Marion Aizpors, FRG 2:16.94
Irina Chlyteva, USSR 2:17.44
Manuela Carosi, ITA 2:18.61
Cheryl Gibson, CAN 2:18.62
Yolanda Van Der Straten, BEL 2:19.57
Conny Van Bentum, HOL 2:20.92
Jennifer Campbell, CAN 2:21.37

Jane Admans, GBR 2:21.49
Prelims
Cornelia Sirch, DDR 2:12.63
Sue Walsh, USA 2:15.52
Georgina Parkes, AUS 2:15.61
Larissa Gortchakova, USSR 2:16.20
Carmen Bunaci, ROM 2:16.22
Jolanda De Rover, HOL 2:16.48
Kathrin Zimmerman, DDR 2:16.48
Tracy Caulkins, USA 2:17.01
Marion Aizpors, FRG 2:17.92
Cheryl Gibson, CAN 2:17.92
Yolanda Van Der Straten, BEL 2:18.66
Irina Chlyteva, USSR 2:19.17
Manuela Carosi, ITA 2:19.39
Jennifer Campbell, CAN 2:21.13
Jane Admans, GBR 2:21.18
Conny Van Bentum, HOL 2:21.80
Helen Jameson, GBR 2:22.78
Hisae Asari, JPN 2:23.82
Ute Neubert, FRG 2:24.15
Sandra Barbato, URU 2:24.61\*
Karin Brandes, PER 2:27.86\*
Jacqueline Franceschi, PUR 2:30.04
Teresa Figueiras, POR 2:32.87
Koudiri Soumeiya, ALG 2:33.67\*
Adriana Carbajal, URU 2:39.80
100 M BREASTSTROKE—Aug. 5
Championship Finals
Ute Geweniger, DDR 1:09.14#
Anne Ottenbrite, CAN 1:11.03#
Kim Rhodenbaugh, USA 1:11.03
Svetlana Varganova, USSR 1:11.60
Petra Van Staveren, HOL 1:11.64\*
Hiroko Nagasaki, JPN 1:11.98
Silke Horner, DDR 1:11.99
Jeannie Childs, USA 1:12.35
Consolation Finals
Larissa Belokon, USSR 1:10.72
Kathy Bald, CAN 1:12.83
Grazyna Dziedzic, POL 1:12.88
Angelika Knipping, FRG 1:13.05
Susanne Nielsson, DEN 1:13.07
Tania Bogomilova, BUL 1:13.55
Simona Brighetti, ITA 1:13.56
Manuela Dalla Valle, ITA 1:13.96
Prelims
Ute Geweniger, DDR 1:10.82
Anne Ottenbrite, CAN 1:11.36\*
Hiroko Nagasaki, JPN 1:11.68\*
Kim Rhodenbaugh, USA 1:11.69
Silke Horner, DDR 1:11.76
Petra Van Staveren, HOL 1:12.08\*
Jeannie Childs, USA 1:12.15
Svetlana Varganova, USSR 1:12.19
Larissa Belokon, USSR 1:12.84
Angelika Knipping, FRG 1:12.89
Kathy Bald, CAN 1:12.91
Simona Brighetti, ITA 1:13.03
Manuela Dalla Valle, ITA 1:13.11
Beda Leirvag, NOR 1:13.26
Grazyna Dziedzic, POL 1:13.58
Cheryl Gibson, DEN 1:13.81
Alicia Boscatto, ARG 1:14.08
Patricia Brulhari, SUI 1:14.12\*
Susannah Brownson, GBR 1:14.28
Henar Alonso, ESP 1:14.29\*
Ulrike Bauer, AUT 1:14.83\*
Riekie Blinnig, AUS 1:18.10
Gaynor Stanley, GBR 1:18.49
Cristina Peralta, POR 1:18.94
Vilma Aguilera, PUR 1:19.51
Consuelo Arcila, COL 1:20.66
200 M BREASTSTROKE—Aug. 2
Championship Finals
Svetlana Varganova, USSR 2:28.62#
Ute Geweniger, DDR 2:29.71\*
Anne Ottenbrite, CAN 2:33.05#
Silke Horner, DDR 2:33.18
Hiroko Nagasaki, JPN 2:33.18\*
Larissa Belokon, USSR 2:33.32
Jeannie Childs, USA 2:33.44
Grazyna Dziedzic, POL 2:36.84
Consolation Finals
Kathy Bald, CAN 2:36.41
Petra Van Staveren, HOL 2:38.51\*
Angelika Knipping, FRG 2:39.24
Beverly Acker, USA 2:39.54
Gaynor Stanley, GBR 2:39.88
Tania Bogomilova, BUL 2:40.04
Ria Willemse, HOL 2:42.34
Simona Brighetti, ITA 2:43.32
Prelims
Svetlana Varganova, USSR 2:30.12#
Anne Ottenbrite, CAN 2:33.19\*
Hiroko Nagasaki, JPN 2:34.08\*

Ute Geweniger, DDR 2:34.42
Larissa Belokon, USSR 2:34.75
Jeannie Childs, USA 2:34.69
Silke Horner, DDR 2:35.12
Grazyna Dziedzic, POL 2:35.30\*
Kathy Bald, CAN 2:35.78
Alicia Boscatto, ARG 2:36.27
Tania Bogomilova, BUL 2:37.16
Beverly Acker, USA 2:38.08
Petra Van Staveren, HOL 2:38.10
Ria Willemse, HOL 2:39.79
Angelika Knipping, FRG 2:40.47
Simona Brighetti, ITA 2:40.56
Gaynor Stanley, GBR 2:40.91
Susannah Brownson, GBR 2:41.88
Ulrike Bauer, AUT 2:43.80\*
Henar Alonso, ESP 2:44.14
Riekie Blinnig, AUS 2:45.32
Consuelo Arcila, COL 2:58.04
Cristina Peralta, POR 2:58.04
100 M BUTTERFLY—Aug. 5
Championship Finals
Mary T. Meagher, USA 59.41#
Ines Geissler, DDR 1:00.36
Melanie Buddemeyer, USA 1:00.40
Naoko Kume, JPN 1:01.16
Takemi Ise, JPN 1:01.21
Karin Seick, FRG 1:01.88
Lisa Curry, AUS 1:02.05
Cinzia Savi-Scarpioni, ITA 1:02.73
Consolation Finals
Maud Lauckner, DDR 1:02.30
Annemarie Verstappen, HOL 1:02.34
Natalia Pokas, USSR 1:02.48
Hiroko Nagasaki, JPN 1:02.54
Linda Criddle, GBR 1:02.86
Michelle MacPherson, CAN 1:03.04
Agneta Eriksson, SWE 1:03.23
Carole Brook, SUI 1:03.25
Prelims
Mary T. Meagher, USA 1:00.14#
Ines Geissler, DDR 1:01.09
Naoko Kume, JPN 1:01.51
Takemi Ise, JPN 1:01.65
Lisa Curry, AUS 1:01.88\*
Karin Seick, FRG 1:02.13
Cinzia Savi-Scarpioni, ITA 1:02.27
Natalia Pokas, USSR 1:02.35
Ann Oserby, GBR 1:02.56
Linda Criddle, GBR 1:03.06
Annemarie Verstappen, HOL 1:03.12
Michelle MacPherson, CAN 1:03.17
Carole Brook, SUI 1:03.23
Agneta Eriksson, SWE 1:03.37
Maud Lauckner, DDR 1:03.40
Wilma Van Velsen, HOL 1:03.50
Doris Wobke, FRG 1:03.58
Sonja Hausladen, AUT 1:03.71
Beda Leirvag, NOR 1:04.25
Deb Armstrong, CAN 1:04.25
Marie-Therese Armentero, SUI 1:04.92
Susanne Revele, VEN 1:05.27\*
Paula Amorim, BRA 1:06.44
Sandra Bohorquez, COL 1:06.09\*
Jilma Lawaetj, ISV 1:06.53
Vilma Aguilera, PUR 1:08.83
200 M BUTTERFLY—Aug. 7
Championship Finals
Ines Geissler, DDR 2:08.66#
Mary T. Meagher, USA 2:09.78
Heike Dahne, DDR 2:10.29
Naoko Kume, JPN 2:13.12
Takemi Ise, JPN 2:15.02
Lisa Curry, AUS 2:15.13
Sara Linke, USA 2:15.27
Ann Oserby, GBR 2:15.60
Consolation Finals
Doris Wobke, FRG 2:15.79
Sonja Hausladen, AUT 2:16.07\*
Petra Zindler, FRG 2:16.90
Carole Brook, SUI 2:17.30
Natalia Pokas, USSR 2:17.63
Linda Criddle, GBR 2:17.65
Cheryl McArton, CAN 2:19.00
Linda Criddle, GBR 2:19.53
Prelims
Mary T. Meagher, USA 2:10.75
Ines Geissler, DDR 2:12.30
Heike Dahne, DDR 2:13.39
Naoko Kume, JPN 2:14.90
Sara Linke, USA 2:15.17
Takemi Ise, JPN 2:16.21
Lisa Curry, AUS 2:16.38
Ann Oserby, GBR 2:16.38
Doris Wobke, FRG 2:16.39
Carole Brook, SUI 2:16.65\*



# FOR THE RECORD continued

Petra Zindler, FRG	2:16.72
Sonja Hausladen, AUT	2:16.88*
Chantal Verme, CAN	2:18.06
Natalia Pokas, USSR	2:19.35
Cheryl MacPherson, CAN	2:20.47
Linda Criddle, GBR	2:22.02
Sandra Ravet, VEN	2:22.50*
Shelley Cromer, ISV	2:24.29
Wilma Van Velsen, HOL	2:25.26
Susan Bohorquez, COL	2:25.33*
Jodie Lawaetz, ISV	2:31.27

**200 M INDIVIDUAL MEDLEY—Aug. 6**  
**Championship Finals**

Petra Schneider, DDR	2:11.79#
Ute Geweniger, DDR	2:13.38
Tracy Caulkins, USA	2:15.91
Irina Gerassimova, USSR	2:17.12*
Polly Winde, USA	2:18.62
Lisa Curry, AUS	2:18.95*
Grazyna Dziedzic, POL	2:20.20
Petra Zindler, FRG	2:20.36

**Consolation Finals**

Manuela Dalla Valle, ITA	2:20.29
Kathy Bald, CAN	2:20.74
Cinzia Savi-Scarpioni, ITA	2:21.08
Irina Chlyeva, USSR	2:21.72
Rickie Binning, AUS	2:22.43
Katrine Bomstad, NOR	2:22.84
Cheryl Gibson, CAN	2:22.96
Beda Leirvag, NOR	2:25.07

**Prelims**

Petra Schneider, DDR	2:18.66
Ute Geweniger, DDR	2:18.84
Tracy Caulkins, USA	2:19.24
Polly Winde, USA	2:19.80
Petra Zindler, FRG	2:20.39
Irina Gerassimova, USSR	2:20.41
Grazyna Dziedzic, POL	2:20.63
Lisa Curry, AUS	2:20.67
Kathy Bald, CAN	2:21.15
Rickie Binning, AUS	2:21.87
Manuela Dalla Valle, ITA	2:21.92
Cinzia Savi-Scarpioni, ITA	2:22.10
Cheryl Gibson, CAN	2:22.62
Anette Philipsson, SWE	2:22.98
Irina Chlyeva, USSR	2:23.33
Katrine Bomstad, NOR	2:23.48
Beda Leirvag, NOR	2:24.80
Maria Scott, GBR	2:25.01
Takemi Inse, JPN	2:26.01
Laurence Bensimon, FRA	2:27.28
Gaynor Stanley, GBR	2:27.83
Ulrike Bauer, AUT	2:27.94
Wilma Aguilera, PUR	2:33.45
Karin Brandes, PER	2:37.21*

**400 M INDIVIDUAL MEDLEY—Aug. 1**  
**Championship Finals**

Petra Schneider, DDR	4:36.10*
Kathleen Nord, DDR	4:43.51
Tracy Caulkins, USA	4:44.64
Patty Gavin, USA	4:48.22
Lisa Curry, AUS	4:52.23*
Petra Zindler, FRG	4:54.61
Grazyna Dziedzic, POL	4:54.66
Michelle MacPherson, CAN	4:55.94

**Consolation Finals**

Anette Philipsson, SWE	4:57.18
Katrine Bomstad, NOR	4:59.13
Irina Chlyeva, USSR	4:59.18
Maria Scott, GBR	4:59.66
Roberta Felotti, ITA	4:59.73
Rickie Binning, AUS	5:01.60
Sonja Hausladen, AUT	5:05.11*
Jane Adams, GBR	5:07.75

**Prelims**

Petra Schneider, DDR	4:43.15
Tracy Caulkins, USA	4:47.63
Kathleen Nord, DDR	4:49.45
Patty Gavin, USA	4:50.61
Michelle MacPherson, CAN	4:53.32
Lisa Curry, AUS	4:53.73*
Grazyna Dziedzic, POL	4:53.90
Petra Zindler, FRG	4:54.18
Rickie Binning, AUS	4:54.67
Irina Gerassimova, USSR	4:56.31
Katrine Bomstad, NOR	4:58.28
Anette Philipsson, SWE	4:58.40
Cheryl Gibson, CAN	5:02.71
Irina Chlyeva, USSR	5:04.93
Doris Wiebek, FRG	5:05.12
Maria Scott, GBR	5:06.48
Roberta Felotti, ITA	5:06.97
Sonja Hausladen, AUT	5:08.58*
Jane Adams, GBR	5:09.40

**400 M MEDLEY RELAY—Aug. 6**  
**Championship Finals**

DDR	4:05.88*
Kristin Otto	1:01.72
Ute Geweniger	1:09.86
Ines Geissler	59.59
Birgit Meinke	54.71
USA	4:08.12*
Sue Walsh	1:03.04
Kim Rhodenbaugh	1:11.06
Mary T. Meagher	58.94
Jill Sterkel	55.38
USSR	4:12.36
Larissa Gortchakova	1:03.51
Svetlana Varganova	n.i.
Natalia Pokas	n.i.
Irina Gerassimova	55.85
Holland	4:12.37*
Jolanda De Rover	1:04.37
Petra Van Steveron	1:11.25
Annamarie Verstappen	1:00.50
Conny Van Bentum	56.20

Canada	4:14.76
Cheryl Gibson	1:05.13
Anne Ottenbrille	1:10.53
Michelle MacPherson	1:01.37
Jennifer Campbell	57.73
West Germany	4:15.73
Marion Aizpors	1:04.47
Angelika Knipping	1:12.14
Karin Seick	1:01.44
Susanne Schuster	57.38
Japan	4:16.39
Hisae Asari	1:06.63
Hiroko Nagasaki	1:12.28
Naoko Kume	1:00.44
Kaori Yanase	57.04
Great Britain	4:17.46
Helen Jameson	1:05.91
Susannah Brownson	1:12.31
Ann Osgerby	1:02.39
June Croft	56.85

**Prelims**

DDR	4:12.81
USA	4:13.99
Holland	4:16.77
USSR	4:17.07
Japan	4:17.23
Canada	4:17.61
West Germany	4:17.96
Great Britain	4:19.24
Switzerland	4:23.51*
Italy	4:24.83
Australia	4:24.92
Spain	4:33.29

**400 M FREE RELAY—Aug. 3**  
**Championship Finals**

DDR	3:43.97
Birgit Meinke	55.63
Susanne Link	56.64
Kristin Otto	56.19
Caren Metschuk	55.51
USA	3:45.76
Sue Habernigg	57.39
Kathy Treible	55.92
Beth Washut	56.71
Jill Sterkel	55.74
Holland	3:45.96*
Annamarie Verstappen	55.89
Annelies Maas	56.62
Wilma Van Velsen	57.37
Conny Van Bentum	56.08
West Germany	3:50.62
Christine Schlaak	58.40
Ute Neuberl	57.56
Susanne Schuster	57.31
Marion Aizpors	57.35
Canada	3:51.22
Kathy Bald	58.02
Michelle MacPherson	58.12
Carol Kimpel	57.38
Naomi Marubashi	57.70
Japan	3:53.72*
Kaori Yanase	57.44*
Chikako Nakamori	59.20
Junko Nishiyama	58.98
Mika Saito	58.10
France	3:54.07
Caroline Amorice	58.83
Sylvie Boube	57.92
Laurence Bensimon	58.38
Veronique Stephan	58.94
USSR	DQ

**Prelims**

Holland	3:47.53*
DDR	3:48.84
USA	3:49.31
Canada	3:51.81
USSR	3:52.07
West Germany	3:54.02
Japan	3:54.26*
France	3:54.90
Great Britain	3:55.43
Australia	3:57.58
Switzerland	3:58.86

**100 M FREESTYLE—Aug. 3**  
**Championship Finals**

Jorg Woithe, DDR	50.18
Rowdy Gaines, USA	50.21
Per Johansson, SWE	50.25*
Chris Cavanaugh, USA	50.32
Dirk Richter, DDR	50.70
Pelle Holmertz, SWE	51.31
Cyrol Delgado, BRA	51.78
Hans Kroes, HOL	51.88

**Consolation Finals**

Alexi Markovski, USSR	51.16
Marcello Guarducci, ITA	51.48
Alberto Mestre, VEN	51.65
Andreas Schmidt, FRG	51.95
Andrea Ceccarini, ITA	51.96
Wilfried Kuhlman, FRG	51.98
Greg Fasala, AUS	52.10
Edward Maasdiik, HOL	52.20

**Prelims**

Jorg Woithe, DDR	49.60
Chris Cavanaugh, USA	49.99
Rowdy Gaines, USA	50.22
Dirk Richter, DDR	50.58
Per Johansson, SWE	50.68
Pelle Holmertz, SWE	51.11
Hans Kroes, HOL	51.54
Cyrol Delgado, BRA	51.56
Alberto Mestre, VEN	51.59*
Marcello Guarducci, ITA	51.62
Alexi Markovski, USSR	51.82
Andrea Ceccarini, ITA	51.74
Wilfried Kuhlman, FRG	51.81
Greg Fasala, AUS	51.83

**400 M FREESTYLE—Aug. 5**  
**Championship Finals**

Vladimir Salnikov, USSR	3:51.30#
Sviatoslav Semenov, USSR	3:51.43
Sven Lodziewski, DDR	3:51.84*
Darjan Petric, YUG	3:52.55
Borut Petric, YUG	3:52.95
George DiCarlo, USA	3:54.68
Arne Borgstrom, NOR	3:56.65
Peter Szmidt, CAN	3:59.81

**Consolation Finals**

Michael Gross, FRG	1:49.55*
Jorg Woithe, DDR	1:51.13
Alexei Filinov, USSR	1:51.61
Rowdy Gaines, USA	1:51.67
Vladimir Shemetov, USSR	1:51.89
Borut Petric, YUG	1:51.97*
Hans Kroes, HOL	1:52.19*
Thomas Lejdstrom, SWE	1:52.49
Dirk Korthals, FRG	1:52.52
Cyrol Delgado, BRA	1:52.75
Fabrizio Rampazzo, ITA	1:52.87
Alberto Mestre, VEN	1:53.07*
Darjan Petric, YUG	1:53.16
Peter Szmidt, CAN	1:53.22
J. Carlos Vallejo, ESP	1:53.28
Cameron Henning, CAN	1:53.35

**Prelims**

Holland	3:47.53*
DDR	3:48.84
USA	3:49.31
Canada	3:51.81
USSR	3:52.07
West Germany	3:54.02
Japan	3:54.26*
France	3:54.90
Great Britain	3:55.43
Australia	3:57.58
Switzerland	3:58.86

**100 M FREESTYLE—Aug. 5**  
**Championship Finals**

Dirk Richter, DDR	55.95
Rick Carey, USA	56.04
Vladimir Shemetov, USSR	56.42
Sandor Wladar, HUN	56.85
Victor Kouznetsov, USSR	57.15
Clay Britl, USA	57.91
Wade Fiemons, CAN	DQ
Frank Baltrusch, DDR	DQ

**Consolation Finals**

Mike West, CAN	57.84
Stefan Peter, FRG	58.22
Gerald Moerken, FRG	58.85
Josef Hladky, TCH	58.97
Hidetoshi Takahashi, JPN	59.12
Francisco Benitez, ESP	59.27
Conrado Porta, ARG	59.40
Ricardo Aldabe, ESP	59.60
Edsard Schlingemann, HOL	59.60

**Prelims**

Dirk Richter, DDR	56.19
Vladimir Shemetov, USSR	56.96
Frank Baltrusch, DDR	56.99
Sandor Wladar, HUN	57.11
Rick Carey, USA	57.24
Wade Fiemons, CAN	57.39
Victor Kouznetsov, USSR	57.48
Clay Britl, USA	57.73
Bengt Baron, SWE	57.91
Stefan Peter, FRG	58.05
Mike West, CAN	58.14
Hidetoshi Takahashi, JPN	58.85
Conrado Porta, ARG	58.98
Ricardo Aldabe, ESP	58.98

Andreas Schmidt, FRG	51.86
Edward Maasdiik, HOL	51.86
Herwig Bayer, AUT	51.96*
Stefan Volery, SUI	52.02*
Marcel Gery, TCH	52.06
Sergui Smiraguiene, USSR	52.08
Dano Halsall, SUI	52.10
Fernando Canales, PUR	52.28
Peng Siang Ang, SIN	52.56
Ramon Lavin, ESP	52.58
Blair Hickey, CAN	52.64
Jorge Fernandes, BRA	52.82
Graeme Brewer, AUS	52.94
Alexander Pilhatsch, AUT	52.96
Nir Shamir, ISR	53.03
Stvetan Golomeev, BUL	53.03
Philip Hubble, GBR	53.14
Mark Taylor, GBR	53.27
Taihei Saka, JPN	53.35
Haako Schram Stokke, NOR	53.35
Levente Mady, CAN	53.42
Carlos Henao, COL	53.56*
Peter Rehder, DEU	53.69
Satoshi Sumi, JPN	53.84
Frantz Mortensen, DEN	53.85
Guangliang Huang, CHN	54.30
Paulo Frischknecht, POR	54.38
Fabrizio Rampazzo, ITA	54.56
Carlos Scanavini, URU	54.71*
Sadri Ozun, TUR	55.17
Fernando Rodriguez, PER	56.58*
Edham Al-Seil, KUW	57.29*
Khaled Al-Assaf, KUW	58.61
Bernd Grammer, PER	59.34

**200 M FREESTYLE—Aug. 1**  
**Championship Finals**

Michael Gross, FRG	1:49.84
Rowdy Gaines, USA	1:49.92
Jorg Woithe, DDR	1:50.71
Thomas Lejdstrom, SWE	1:51.59*
Vladimir Shemetov, USSR	1:51.96
Hans Kroes, HOL	1:52.37
Borut Petric, YUG	1:52.39
Alexei Filinov, USSR	1:52.53

**Consolation Finals**

Peter Szmidt, CAN	1:52.25
Fabrizio Rampazzo, ITA	1:52.32
Alberto Mestre, VEN	1:52.62*
J. Carlos Vallejo, ESP	1:53.12
Darjan Petric, YUG	1:53.14
Dirk Korthals, FRG	1:53.14
Cyrol Delgado, BRA	1:54.69
Cameron Henning, CAN	1:55.10

**Prelims**

Michael Gross, FRG	1:49.55*
Jorg Woithe, DDR	1:51.13
Alexei Filinov, USSR	1:51.61
Rowdy Gaines, USA	1:51.67
Vladimir Shemetov, USSR	1:51.89
Borut Petric, YUG	1:51.97*
Hans Kroes, HOL	1:52.19*
Thomas Lejdstrom, SWE	1:52.49
Dirk Korthals, FRG	1:52.52
Cyrol Delgado, BRA	1:52.75
Fabrizio Rampazzo, ITA	1:52.87
Alberto Mestre, VEN	1:53.07*
Darjan Petric, YUG	1:53.16
Peter Szmidt, CAN	1:53.22
J. Carlos Vallejo, ESP	1:53.28
Cameron Henning, CAN	1:53.35

**1500 M FREESTYLE—Aug. 6**  
**Championship Finals**

Vladimir Salnikov, USSR	15:01.77#
Sviatoslav Semenov, USSR	15:05.54
Darjan Petric, YUG	15:10.20
Sven Lodziewski, DDR	15:16.69
Rainer Henkel, FRG	15:21.57
George DiCarlo, USA	15:23.77
Rafael Escalao, ESP	15:37.88
Max Metzker, AUS	15:53.61

**Prelims**

Vladimir Salnikov, USSR	15:14.51
Rafael Escalao, ESP	15:20.75
Sviatoslav Semenov, USSR	15:22.91
Darjan Petric, YUG	15:25.49
George DiCarlo, USA	15:26.14
Sven Lodziewski, DDR	15:29.43
Max Metzker, AUS	15:34.60
Rainer Henkel, FRG	15:38.93
Marcelo Juca, BRA	15:40.09
Carlos Scanavini, URU	15:46.58*
Peter Szmidt, CAN	15:47.11
Alejandro Lecot, ARG	15:50.53
Andrea Catabria, ITA	15:50.77
Tim Ford, AUS	15:55.10
Kalle Elias, SWE	15:55.24
Rojer Madruga, BRA	16:01.24
Frank Iacono, FRA	16:03.72
Bruce Berger, CAN	16:03.77
Diego Quiroga, ECU	16:05.43
Cees Jan Winkel, HOL	16:20.21*
Jose Maria Larranaga, PER	16:22.31
David Stacey, GBR	16:23.93
Paul Easter, GBR	16:25.99
Scott Newkirk, ISV	16:38.99
Roberto Becerra, COL	16:54.64*
Adel Al-Assaf, KUW	20:18.44

**100 M BACKSTROKE—Aug. 6**  
**Championship Finals**

Dirk Richter, DDR	55.95
Rick Carey, USA	56.04
Vladimir Shemetov, USSR	56.42
Sandor Wladar, HUN	56.85
Victor Kouznetsov, USSR	57.15
Clay Britl, USA	57.91
Wade Fiemons, CAN	DQ
Frank Baltrusch, DDR	DQ

**Consolation Finals**

Mike West, CAN	57.84
Stefan Peter, FRG	58.22
Gerald Moerken, FRG	58.85
Josef Hladky, TCH	58.97
Hidetoshi Takahashi, JPN	59.12
Francisco Benitez, ESP	59.27
Conrado Porta, ARG	59.40
Ricardo Aldabe, ESP	59.60
Edsard Schlingemann, HOL	59.60

**Prelims**

Dirk Richter, DDR
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Hamd Kram, KUW	1:16.42*
Semmir Al-Hadhoud, KUW	1:16.65
Yahioche Djamel, ALG	DQ

**200 M BREASTSTROKE—Aug. 5**

<b>Championship Finals</b>	
Victor Davis, CAN	2:14.77*
Robertas Zulpa, USSR	2:16.68
John Moffat, USA	2:18.54
Guennadi Utenkov, USSR	2:19.22
Pablo Restrepo, COL	2:19.47
Glenn Mills, USA	2:19.80
Adrian Moorhouse, GBR	2:19.85
Etienne Dagon, SUI	2:20.21

<b>Consolation Finals</b>	
Alban Vermes, HUN	2:19.70
Glenn Beringen, AUS	2:21.04
Raffaele Avagnano, ITA	2:21.52
Alexandre Yokochi, POR	2:24.10
John Clark, CAN	2:24.60
Peter Evans, AUS	2:26.15
Luiz Carvalho, BRA	2:27.22
Peter Lang, FRG	DQ

<b>Prelims</b>	
Victor Davis, CAN	2:18.69
Pablo Restrepo, COL	2:19.93
Robertas Zulpa, USSR	2:20.15
Glenn Mills, USA	2:20.21
Adrian Moorhouse, GBR	2:20.26
Etienne Dagon, SUI	2:20.43
John Moffat, USA	2:20.68
Guennadi Utenkov, USSR	2:20.77
Raffaele Avagnano, ITA	2:21.32
Glenn Beringen, AUS	2:21.57
Alban Vermes, HUN	2:21.70
Alexandre Yokochi, POR	2:22.59
Peter Evans, AUS	2:23.35
John Clark, CAN	2:24.45
Luiz Carvalho, BRA	2:26.08
Peter Lang, FRG	2:26.56
Shigehiro Takahashi, JPN	2:26.92
Enrique Romero, ESP	2:27.19
Gustavo Torrijos, ESP	2:27.23
Ron Kehrman, ISR	2:27.46
Peter Berggren, SWE	2:27.48
Enrique Letie, URU	2:28.54*
Felix Morf, SUI	2:29.23
Brian Farlow, ISV	2:34.31
Frank Torres, PUR	2:36.19
Semmir Al-Hadhoud, KUW	2:49.33*
Gerald Moerken, FRG	DQ
Oscar Ortegosa, PER	DQ
Andrey Aguilari, CRC	DQ
Iain Campbell, GBR	DQ

**100 M BUTTERFLY—Aug. 2**

<b>Championship Finals</b>	
Matt Gribble, USA	53.86#
Michael Gross, FRG	54.26
Bengt Baron, SWE	54.47
Chris Rives, USA	54.59
Alexi Markovski, USSR	54.59
Edward Maasdiik, HOL	55.06
Par Arvidsson, SWE	55.10
David Lopez-Zubero, ESP	55.68

<b>Consolation Finals</b>	
Dan Thompson, CAN	55.28
Peter Knust, FRG	55.34
Kees Vervoorn, HOL	55.39
Rafael Vidal, VEN	55.67
Marcel Gery, TCH	55.70
Dano Halsall, SUI	55.74*
Philip Hubble, GBR	55.99
Paul Rowe, AUS	56.82

<b>Prelims</b>	
Matt Gribble, USA	54.09
Alexi Markovski, USSR	54.40
Bengt Baron, SWE	54.53
Michael Gross, FRG	54.69
Edward Maasdiik, HOL	55.13
Par Arvidsson, SWE	55.18
Chris Rives, USA	55.25
David Lopez-Zubero, ESP	55.33
Dan Thompson, CAN	55.37
Peter Knust, FRG	55.40
Rafael Vidal, VEN	55.53*
Marcel Gery, TCH	55.54*
Kees Vervoorn, HOL	55.61
Philip Hubble, GBR	55.64
Dano Halsall, SUI	55.76
Paul Rowe, AUS	56.02
Greg Fasala, AUS	56.25
Fabrizio Rampazzo, ITA	56.28
Theophile David, SUI	56.37
Haakon Schram-Stokke, NOR	56.42*
Xavier Savin, FRA	56.71
Kenji Izumi, JPN	57.01
Enrique Ledesma, ECU	57.09*
Filberto Colon, PUR	57.16*
Andrew Jameson, GBR	57.32
Claus Bredschneider, CAN	57.43
Serguei Krasiouk, USSR	57.56
Carlos Scavani, URU	57.82*
Peng-Siong Ang, SIN	58.02*
Yaron Eilat, ISR	58.02*
Sadri Ozun, TUR	58.21*
Allan Marsh, JAM	58.49*
Paulo Frischknecht, POR	58.56
Shudo Kawawa, JPN	58.61
Qin Chen, CHN	58.67
Diyoung Zhang, CHN	58.96
Sabri Ozun, TUR	59.21
Sergio Fernandez, COL	59.27
Yahioche Djamel, ALG	1:00.17*
Joao Santos, POR	1:00.88
Mohammed Al-Saleh, KUW	1:05.18*

**200 M BUTTERFLY—Aug. 6**

<b>Championship Finals</b>	
Michael Gross, FRG	1:58.65#

Serguei Fesenko, USSR	1:59.91
Craig Beardsley, USA	2:00.08
Ricardo Prado, BRA	2:00.30*
Michael Kraus, FRG	2:01.13
Par Arvidsson, SWE	2:01.15
Filberto Colon, PUR	2:01.30*
Robert Patten, USA	2:01.79

<b>Consolation Finals</b>	
Rafael Vidal, VEN	2:01.24*
Paul Rowe, AUS	2:01.83
Marcel Gery, TCH	2:02.50
Paolo Revelli, ITA	2:02.65
Taihei Saka, JPN	2:03.44
Frank Drost, HOL	2:04.29
Fabrizio Rampazzo, ITA	2:04.75
Philip Hubble, GBR	2:05.71

<b>Prelims</b>	
Craig Beardsley, USA	2:00.02
Michael Gross, FRG	2:00.61
Par Arvidsson, SWE	2:01.05
Ricardo Prado, BRA	2:01.49*
Filberto Colon, PUR	2:01.51*
Robert Patten, USA	2:01.60
Michael Kraus, FRG	2:01.72
Serguei Fesenko, USSR	2:01.99
Rafael Vidal, VEN	2:02.02*
Marcel Gery, TCH	2:02.25
Paul Rowe, AUS	2:02.50
Philip Hubble, GBR	2:02.78
Paolo Revelli, ITA	2:02.96
Taihei Saka, JPN	2:03.18*
Fabrizio Rampazzo, ITA	2:03.34
Frank Drost, HOL	2:03.82
Theophile David, SUI	2:04.16
Yaron Eilat, ISR	2:04.98
Levente Mady, CAN	2:05.19
Edwardo Planas, ESP	2:05.35
Haakon Schram-Slokke, NOR	2:06.21*
Stephen Poulter, GBR	2:06.26
Xavier Savin, FRA	2:06.75
Yoram Kochavi, ISR	2:06.84
Allan Marsh, JAM	2:07.14
Claus Bredschneider, CAN	2:07.45
Andrey Aguilari, CRC	2:08.24*
Enrique Ledesma, ECU	2:08.08
Shudo Kawawa, JPN	2:09.14
Sergio Fernandez, COL	2:09.35
Jon Hastoy, FAR	2:09.94*
Joao Santos, POR	2:11.99

**200 M INDIVIDUAL MEDLEY—Aug. 7**

<b>Championship Finals</b>	
Alexander Sidorenko, USSR	2:03.30#
Bill Barrett, USA	2:03.49
Giovanni Franceschi, ITA	2:04.65*
Jens-Peter Berndt, DDR	2:05.19
Josef Hladky, TCH	2:05.97
Andreas Reichel, DDR	2:06.00
Steve Lundquist, USA	2:06.22
Ricardo Prado, BRA	2:07.34

<b>Consolation Finals</b>	
John Davey, GBR	2:07.96
David Lopez-Zubero, ESP	2:08.05
Pablo Restrepo, COL	2:08.54
Andrey Aguilari, CRC	2:08.80*
Gareth Sykes, GBR	2:08.84
Anders Peterson, SWE	2:09.65
Mikael Orn, SWE	2:09.74
Mural Ozauk, TUR	DQ

<b>Prelims</b>	
Bill Barrett, USA	2:04.40
Ricardo Prado, BRA	2:04.91
Giovanni Franceschi, ITA	2:05.08
Alexander Sidorenko, USSR	2:05.12
Josef Hladky, TCH	2:05.89
Jens-Peter Berndt, DDR	2:05.90
Steve Lundquist, USA	2:07.06
Andreas Reichel, DDR	2:07.10
David Lopez-Zubero, ESP	2:07.35
Pablo Restrepo, COL	2:08.28*
Serguei Fesenko, USSR	2:08.43
John Davey, GBR	2:08.47
Gareth Sykes, GBR	2:08.60
Mural Ozauk, TUR	2:09.50*
Andrey Aguilari, CRC	2:09.79
Mikael Orn, SWE	2:09.84
Anders Peterson, SWE	2:10.17
Edsard Schlingemann, HOL	2:10.67
Ron Kehrman, ISR	2:10.74
Maurizio Divano, ITA	2:11.15
Peter Rohde, DEN	2:11.30*
Glenn Beringen, AUS	2:11.37
Keiichi Ohata, JPN	2:12.72
Yoram Kochavi, ISR	2:12.73
Cameron Reid, CAN	2:12.80
Qin Chen, CHN	2:13.44
Miguel Carrion, ECU	2:15.27*
Allan Marsh, JAM	2:16.59*
Frederic Delcourt, FRA	2:17.18
Bernad Grammer, PER	2:25.58

**400 M INDIVIDUAL MEDLEY—Aug. 2**

<b>Championship Finals</b>	
Ricardo Prado, BRA	4:19.78*
Jens-Peter Berndt, DDR	4:23.02*
Serguei Fesenko, USSR	4:23.29
Giovanni Franceschi, ITA	4:24.89
Jeff Kostloff, USA	4:28.92
Arne Borgstrom, NOR	4:29.53
Bruce Hayes, USA	4:30.68
Rojer Madrugra, BRA	4:32.64

<b>Consolation Finals</b>	
John Davey, GBR	4:28.37
Rafael Escalás, ESP	4:30.01*
Maurizio Divano, ITA	4:31.71
Josef Hladky, TCH	4:34.71
Andreas Reichel, DDR	4:34.90
Cameron Reid, CAN	4:37.16
Anders Peterson, SWE	4:38.76
Keiichi Ohata, JPN	DQ

<b>Prelims</b>	
Ricardo Prado, BRA	4:24.55
Jens-Peter Berndt, DDR	4:25.31
Giovanni Franceschi, ITA	4:27.01
Serguei Fesenko, USSR	4:27.67
Arne Borgstrom, NOR	4:27.75
Rojer Madrugra, BRA	4:28.47
Bruce Hayes, USA	4:28.47
Jeff Kostloff, USA	4:29.72
John Davey, GBR	4:30.25
Andreas Reichel, DDR	4:31.48
Cameron Reid, CAN	4:31.51
Maurizio Divano, ITA	4:31.86
Victor Davis, CAN	4:31.87
Rafael Escalás, ESP	4:32.09
Anders Peterson, SWE	4:33.69
Keiichi Ohata, JPN	4:34.59
Josef Hladky, TCH	4:35.74
Andrey Aguilari, CRC	4:38.05*
Stephen Poulter, GBR	4:38.69
Yoram Kochavi, ISR	4:39.52
Miguel Ozauk, TUR	4:40.05
Robert Carrion, ECU	4:43.64*
Yochay Lipshitz, ISR	4:45.20
Scott Newkirk, ISV	4:45.34
Jon Hastoy, FAR	4:45.85*
Roberto Becerra, COL	4:45.99*
Jose Marie Laranega, PER	4:59.66*

**400 M MEDLEY RELAY—Aug. 7**

<b>Championship Finals</b>	
USA	3:40.84**
Rick Carey	56.22
Steve Lundquist	1:02.26
Matt Gribble	53.37
Rowdy Gaines	48.99
USSR	3:42.86*
Vladimir Chemetov	56.39
Yury Kis	1:02.97
Alexi Markovski	53.28
Sergui Smiraguine	50.22

<b>West Germany</b>	
Stefan Peter	57.83
Gerald Moerken	1:03.17
Michael Gross	53.99
Andreas Schmidt	48.79

<b>Canada</b>	
Wade Fleming	57.51
Victor Davis	1:01.83
Dan Thompson	54.65
Blair Hicken	52.09
Sweden	3:47.71
Bengt Baron	57.34
Glen Christiansen	1:05.34
Par Arvidsson	54.35
Per Johansson	50.18
Great Britain	3:50.59
Douglas Campbell	59.21
Adrian Moorhouse	1:04.23
Philip Hubble	55.25
Mark Taylor	51.99

<b>Switzerland</b>	
Cyrol Delgado	3:53.79
Roger Birrer	1:00.72
Etienne Dagon	1:05.64
Dano Halsall	55.86
Stefan Volery	51.57
Brazil	3:55.72
Ricardo Prado	59.22
Luiz Carvalho	1:07.15
Cyrol Delgado	56.56
Jorge Fernandes	52.79

<b>Prelims</b>	
USA	3:47.24
West Germany	3:49.13
USSR	3:49.13
Canada	3:51.06
Sweden	3:51.30
Great Britain	3:52.16
Japan	3:52.83
Australia	3:53.17*
Switzerland	3:53.17*
Italy	3:53.39
Spain	3:55.79
Japan	3:56.86
Colombia	3:59.44*
People's Republic of China	4:00.09
Israel	4:01.98
Peru	4:19.87

**400 M FREE RELAY—Aug. 5**

<b>Championship Finals</b>	
USA	3:19.26**
Chris Cavanaugh	50.13
Robin Leamy	50.10
David McCagg	49.89
Rowdy Gaines	49.14
USSR	3:21.78
Serguei Krasiouk	51.48
Alexei Filinov	51.32
Sergui Smiraguine	50.15
Alexi Markovski	48.83
Sweden	3:22.15*
Per Johansson	50.19*
Bengt Baron	50.98
Pelle Holmertz	50.54
Pelle Wikstrom	50.44
West Germany	3:23.77*
Michael Gross	51.07
Peter Knust	51.18
Wilfried Kuhlem	51.05
Andreas Schmidt	50.47
Italy	3:24.10*
Andrea Ceccarini	51.72
Fabrizio Rampazzo	50.70
Rafaele Franceschi	51.00
Marcello Guarducci	50.68
Holland	3:26.74*
Hans Kroes	51.90
Frank Drost	52.17
Kees Vervoorn	51.84
Edward Maasdiik	50.83

Canada	3:28.80
Graham Welbourn	52.92
Blair Hicken	51.76
Wayne Kelly	52.12
Levente Mady	52.25
Switzerland	3:30.00
Stefan Volery	52.74
Dano Halsall	51.54
Francois David	53.37
Thierry Jacot	52.35

<b>Prelims</b>	
USA	3:23.76
USSR	3:25.77
Sweden	3:26.34
West Germany	3:26.94
Italy	3:27.27*
Holland	3:27.75*
Switzerland	3:28.25*
Canada	3:28.74*
Spain	3:29.76
Australia	3:34.61
Denmark	3:35.37
Japan	3:35.87
Virgin Islands	3:48.94
Peru	3:50.21
Kuwait	3:54.25*
Brazil	DQ

**800 M FREE RELAY—Aug. 2**

<b>Championship Finals</b>	
USA	7:21.09
Rich Saeger	1:50.53
Jeff Float	1:50.22
Kyle Miller	1:51.82
Rowdy Gaines	1:48.52
USSR	7:24.91
Vladimir Shemetov	1:52.20
Ivar Stukolkin	1:50.86
Vladimir Salnikov	1:50.70
Alexei Filinov	1:51.15
West Germany	7:25.46
Andreas Schmidt	1:52.33
Rirk Korthals	1:52.14
Dainer Henkel	1:52.14
Michael Gross	1:48.47

<b>Italy</b>	
Paolo Revelli	7:29.31
Fabrizio Rampazzo	1:51.27
Raffaele Franceschi	1:52.33
Marcello Guarducci	1:52.72
Sweden	7:29.56
Michael Soderlund	1:53.17
Thomas Lejdstrom	1:51.48
Pelle Wikstrom	1:53.16
Pelle Holmertz	1:51.75
Holland	7:30.75*
Hans Kroes	1:52.62
Edsard Schlingemann	1:53.39
Frank Drost	1:51.80
Kees Vervoorn	1:52.84

<b>Brazil</b>	
Cyrol Delgado	1:54.09
Jorge Fernandes	1:52.56
Marcelo Juca	1:56.52
Djan Madruga	1:52.96
Canada	DQ

<b>Prelims</b>	
USA	7:27.36
USSR	7:28.51



Table listing names and scores for the first round of the swimming championships, including Thomas Knuths (578.55) and Vyacheslav Troshin (573.81).

IV WORLD SWIMMING CHAMPIONSHIPS WATER POLO

Table listing scores for the first round of the water polo tournament, including Spain 20 (New Zealand 2) and United States 24 (Egypt 2).

Table listing names and scores for the final round of the swimming championships, including Sharon Hambrook (95,600) and Kelly Kryczka (94,800).

IV WORLD SWIMMING CHAMPIONSHIPS SYNCHRONIZED SWIMMING

Table listing names and scores for the synchronized swimming final round, including Sharon Hambrook (93,300) and Carolyn Waldo (91,866).

Table listing names and scores for preliminaries, including Murielle Hermine (166,049) and Tracie Ruiz (95,600).

Table listing names and scores for the championship finals, including Sharon Hambrook & Kelly Kryczka (190,5417) and Candace Costie & Tracie Ruiz (188,6501).

FINAL STANDINGS USSR

Table listing names and scores for the final standings of the USSR team, including Tracie Ruiz (94,5000) and Sharon Hambrook (93,3001).

Table listing names and scores for preliminaries, including Canada (166,6584) and United States (185,4334).

Table listing names and scores for the championship finals, including Dara Torres (26,13) and Susan Tietjen (26,21).

WOMEN 50 M FREESTYLE

Table listing names and scores for the women's 50m freestyle event, including Dara Torres (26.13) and Susan Tietjen (26.21).

Table listing names and scores for preliminaries, including Kathy Coffin (27.40) and Susan Hickman (27.40).

100 M FREESTYLE

Table listing names and scores for the 100m freestyle event, including Paige Zamina (57.45) and Beth Washut (57.51).

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