

FOR THE RECORD

contents

World Championships

Swimming	61
Diving	63
Water Polo	64
Synchronized Swimming	64
National	
USS Nationals	64
West	
Sania Clara Invitational	69
Pacific Northwest JOs	69
New Mexico JOs	70
Snake River JOs	70
Region XII Champs	71
So. Calif. JOs	71
Midwest	
Wyoming JOs	72
Great Plains Meet	73
Midwest Sr. Champs	75
Lake Erie JOs	75
South	
So. Texas JOs	76
Florida Gold Coast JOs	77
Florida JOs	78
Sunshine Games	79
Region III Champs	80

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 Meineke, DDR	55.79
Annetta 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 Meineke, DDR	55.34#
Annetta Verstappen, HOL	56.02
Jill Sterkel, USA	56.89
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
Pascalie 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
Wilma 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	
Annetta Verstappen, HOL	1:59.53*
Birgit Meineke, 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 McArthur, CAN	2:04.80
Mika Saito, JPN	2:04.86

Prelims	
Birgit Meineke, DDR	2:01.51
Marybeth Linzmeier, USA	2:01.54
Annelies Maas, HOL	2:02.29
Annetta 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 McArthur, CAN	2:05.32
Carla Lasti, 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
Pascalie 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	2:12.86
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
Julie Daigneault, CAN	4:22.81
Pascalie Verbauwen, BEL	4:22.95
Carla Lasti, 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
Pascalie Verbauwen, BEL	4:22.71
Carla Lasti, ITA	4:23.58
Cheryl McArthur, 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 Lasti, ITA	8:57.36
Pascalie Verbauwen, BEL	9:06.11
Julie Daigneault, CAN	9:08.21
Cheryl McArthur, CAN	9:09.56
Lolita Fuentes, ECU	9:26.86*

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 Bunacu, ROM	1:03.32
Marion Aizpors, FRG	1:04.77
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 Chlyeva, 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 Bunacu, 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 Chlyeva, USSR	1:06.02
Jennifer Campbell, CAN	1:06.05
Hisaie Asari, JPN	1:06.17
Jane Admans, GBR	1:06.86
Sandra Barbatto, 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*

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 Bunacu, ROM	1:03.32
Marion Aizpors, FRG	1:04.77
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 Chlyeva, 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 Bunacu, 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 Chlyeva, USSR	1:06.02
Jennifer Campbell, CAN	1:06.05
Hisaie Asari, JPN	1:06.17
Jane Admans, GBR	1:06.86
Sandra Barbatto, 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 Siroch, DDR	2:09.91**
Georgina Parkes, AUS	2:14.98
Carmen Bunacu, 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 Chlyeva, 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 Siroch, DDR	2:12.63
Sue Walsh, USA	2:15.52
Georgina Parkes, AUS	2:15.61
Larissa Gortchakova, USSR	2:16.20
Carmen Bunacu, 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 Chlyeva, 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
Hisaie Asari, JPN	2:23.82
Ute Neubert, FRG	2:24.15
Sandra Barbatto, 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	1:10.62
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
Yolanda Van Der Straten, BEL	1:13.03
Manuela Dalla Valle, ITA	1:13.11
Beda Leirvag, NOR	1:13.26
Grazyna Dziedzic, POL	1:13.58
Susanne Nielsson, DEN	1:13.81
Alicia Boscatto, ARG	1:14.08
Patricia Bruhlari, 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
Wilma Aguilera, PUR	1:19.51
Consuelo Arcila, COL	2:02.66

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*

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 Ine, 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

Sue Walsh	4:08.12*
Kim Rhodenbaugh	1:03.04
Mary T. Meagher	1:11.06
Jill Sterkel	58.94

USSR

Larissa Gortchakova	4:12.36
Svetlana Varganova	1:03.51
Natalia Pokas	n.i.
Irina Gerassimova	55.85

Holland

Jolanda De Rover	4:12.37*
Petra Van Steveron	1:04.37
Annamarie Verstappen	1:11.25
Conny Van Bentum	1:00.50
	56.20

Canada

Cheryl Gibson	4:14.76
Anne Ottenbrille	1:05.13
Michelle MacPherson	1:01.37
Jennifer Campbell	57.73

West Germany

Marion Aizpors	4:15.73
Angelika Knipping	1:04.47
Karin Seick	1:12.14
Susanne Schuster	1:01.44
	57.38

Japan

Hisae Asari	4:16.39
Hiroko Nagasaki	1:06.63
Naoko Kume	1:12.28
Kaori Yanase	1:00.44

Great Britain

Helen Jameson	4:17.46
Susannah Brownson	1:05.91
Ann Osgerby	1:12.31
June Croft	1:02.39
	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

Sue Habernigg	3:45.76
Kathy Treible	57.39
Beth Washut	55.92
Jill Sterkel	56.71
	55.74

Holland

Annamarie Verstappen	3:45.96*
Annelies Maas	55.89
Wilma Van Velsen	56.62
Conny Van Bentum	57.37
	56.08

West Germany

Christine Schlaak	3:50.62
Ute Neuberl	58.40
Susanne Schuster	57.56
Marion Aizpors	57.31
	57.35

Canada

Kathy Bald	3:51.22
Michelle MacPherson	58.02
Carol Kimpel	58.12
Naomi Marubashi	57.38
	57.70

Japan

Kaori Yanase	3:53.72*
Chikako Nakamori	57.44*
Junko Nishiyama	59.20
Mika Saito	58.96
	58.10

France

Caroline Amorice	3:54.07
Sylvie Boube	58.83
Laurence Bensimon	57.92
Veronique Stephan	58.38
	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

MEN
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	50.30
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 Fasaola, 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	51.59*
Alexi Markovski, USSR	51.82
Andrea Ceccarini, ITA	51.74
Wilfried Kuhlman, FRG	51.81
Greg Fasaola, AUS	51.83

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 Smiraguiuev, 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
Dirjan 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*
Dirjan Petric, YUG	1:53.16
Peter Szmidt, CAN	1:53.22
J. Carlos Vallejo, ESP	1:53.28
Cameron Henning, CAN	1:53.35
(Swim off: 2:08.38)	
Graeme Brewer, AUS	1:53.35
Marcello Guarducci, ITA	1:53.40
Jorge Fernandes, BRA	1:53.64
Fernando Canales, PUR	1:54.32
Kees Vervoorn, HOL	1:54.41
Jean Francois, VEN	1:54.60
Taihei Saka, JPN	1:54.72
Stvetan Golomeev, BUL	1:54.75*
Stuart Harris, GBR	1:55.34
Carlos Scanavini, URU	1:55.75*
Dirk Richter, DDR	1:55.81
Thierry Jacot, SUI	1:55.93*
Philip Hubble, GBR	1:56.30
Filippo Colon, GBR	1:56.30
Paul Rowe, AUS	1:56.49
Paulo Frischknecht, POR	1:56.60
Josef Hladky, TCH	1:56.76
Carlos Henao, COL	1:56.93
Stefan Volery, SUI	1:57.21
Frantz Mortensen, DEN	1:57.67
Scott Newkirk, ISV	1:57.80
Mural Ozuak, TUR	1:57.83*
Nir Shamir, ISR	1:57.85
Fabrizio Rampazzo, ITA	1:58.07
Diego Quiroga, ECU	2:00.05
Shigeo Ogata, JPN	2:00.54
Rich Sager, USA	2:01.24
Allan Marsh, JAM	2:01.26
Yochay Lifshitz, ISR	2:01.48
Paul Thalund, DEN	2:01.57
Enrique Conterno, PER	2:02.49
Sadri Ozun, TUR	2:02.54
Jose Marie Larranaga, PER	2:02.74
Edham Al-Seil, KUW	2:08.24
Sad Al-Hershman, KUW	2:12.47
Pelle Holmertz, SWE	2:15.36

400 M FREESTYLE—Aug. 5
Championship Finals

Vladimir Sainikov, USSR	3:51.30#
Sviatoslav Semenov, USSR	3:51.43
Sven Lodziewski, DDR	3:51.84*
Dirjan 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	3:59.61

Consolation Finals

Bruce Hayes, USA	3:54.60
Rainer Henkel, FRG	3:55.18
Andrew Astbury, GBR	3:56.19
Djan Madruga, BRA	3:57.25
John Davey, GBR	3:57.94
Marco Delluomo, ITA	4:00.38
Graeme Brewer, AUS	4:02.74
Juan Carlos Vallejo, ESP	4:09.77

Prelims

Vladimir Sainikov, USSR	3:52.88
Sven Lodziewski, DDR	3:53.55
Dirjan Petric, YUG	3:53.76
Sviatoslav Semenov, USSR	3:53.98
Borut Petric, YUG	3:54.72
Arne Borgstrom, NOR	3:55.91
George DiCarlo, USA	3:56.09
Peter Szmidt, CAN	3:57.10
Bruce Hayes, USA	3:57.32
Andrew Astbury, GBR	3:57.37
Djan Madruga, BRA	3:57.92
Rainer Henkel, FRG	3:58.60*
Juan Carlos Vallejo, ESP	3:59.54*
Filippo Colon, PUR	4:00.03
Marco Delluomo, ITA	4:00.21
Graeme Brewer, AUS	4:00.39
John Davey, GBR	4:00.69
Federico Silvestri, ITA	4:00.81
Cameron Henning, CAN	4:01.32
Sandor Nagy, HUN	4:01.82
Kalle Elias, SWE	4:02.85
Marcelo Juca, BRA	4:03.88
Frank Iacono, FRA	4:03.15
Akifumi Nishimuta, JPN	4:04.80
Jean Francois, VEN	4:05.16
Diego Quiroga, ECU	4:05.45
Frank Drost, HOL	4:05.64
Max Metzker, AUS	4:06.04
Thomas Lejdstrom, SWE	4:06.68
Aljandiro Lecot, ARG	4:08.95
Scott Newkirk, ISV	4:09.95
Katsunari Terashita, JPN	4:11.65
Jose Marie Larranaga, PER	4:15.48*
Fabrizio Rampazzo, ITA	4:16.66
Roberto Becerra, COL	4:17.90*
Yochay Lifshitz, ISR	4:21.47

1500 M FREESTYLE—Aug. 6
Championship Finals

Vladimir Sainikov, USSR	15:01.77#
Sviatoslav Semenov, USSR	15:05.54
Dirjan 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 Sainikov, USSR	15:14.51
Rafael Escalao, ESP	15:20.75
Sviatoslav Semenov, USSR	15:22.91
Dirjan 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	15:5

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

200 M BREASTSTROKE—Aug. 5

Championship Finals	
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

Consolation Finals

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

Prelims

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 Leite, 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

Championship Finals	
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

Consolation Finals

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

Prelims

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

Championship Finals	
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

Consolation Finals

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

Prelims

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-Stokke, 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

Championship Finals

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

Consolation Finals

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 Ozuak, TUR	DQ

Prelims

Bill Barrett, USA	2:04.40
Ricardo Prado, BRA	2:04.91
Giovanni Franceschi, ITA	2:05.08
Alexander Sidorenko, URS	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 Ozuak, 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 Grahame, PER	2:25.58

400 M INDIVIDUAL MEDLEY—Aug. 2

Championship Finals

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 Kostoff, USA	4:28.92
Arne Borgstrom, NOR	4:29.53
Bruce Hayes, USA	4:30.68
Rojer Madrugra, BRA	4:32.64

Consolation Finals

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

Prelims

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 Kostoff, 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 Carrion, ECU	4:40.05
Yocahy Lipshitz, ISR	4:45.20
Scott Newkirk, ISV	4:45.34
Jon Hastoy, FAR	4:45.85*
Roberto Becerra, COL	4:51.99*
Jose Marie Laranega, PER	4:59.66*

400 M MEDLEY RELAY—Aug. 7

Championship Finals

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

West Germany

Stefan Peter	57.83
Gerald Moerken	1:03.17
Michael Gross	53.99
Andreas Schmidt	48.79

Canada

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

Douglas Campbell	59.21
Adrian Moorhouse	1:04.23
Philip Hubble	55.25
Mark Taylor	51.99

Switzerland

Roger Birrer	1:00.72
Etienne Dagon	1:05.64
Dano Halsall	55.86
Stefan Volery	51.57

Brazil

Ricardo Prado	59.22
Luiz Carvalho	1:07.15
Cyro Delgado	56.56
Jorge Fernandes	52.79

Prelims

USA	3:47.24
West Germany	3:49.13
USSR	3:49.40
Canada	3:51.06
Sweden	3:51.30
Great Britain	3:52.16
Brazil	3:52.83
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

Championship Finals

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

Andrea Ceccarini	51.72
Fabrizio Rampazzo	50.70
Raffaele 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

Graham Welbourn	52.92
Blair Hicken	51.76
Wayne Kelly	52.12
Levente Mady	52.00
Switzerland	3:30.00
Stefan Volery	52.74
Dano Halsall	51.54
Francois David	53.37
Thierry Jacot	52.35

Prelims

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

Championship Finals

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

Andreas Schmidt	1:52.33
Rirk Korthals	1:52.52
Dainer Henkel	1:52.14
Michael Gross	1:48.4

Thomas Knuths, DDR	578.55
Vyacheslav Troshin, USSR	573.81
Li Kong Cheng, PRC	572.01
Bruce Kimball, USA	570.75
Li Hong Ping, PRC	550.47
Falk Hoffman, DDR	548.34
Dieter Doerr, FRG	545.94
Christopher Snode, GBR	528.93
Miguel Zavala, MEX	527.61
Dieter Plawka, FRG	523.44
Jorge Mondragon, MEX	522.51
Piero Italiani, ITA	516.87
Jon Vegard, NOR	515.04
Peter Georgiev, BUL	512.91
David Snively, CAN	505.32
John Nash, CAN	501.30
Stephen Foley, AUS	497.91
Nelson Suarez, ECU	491.70
Domenico Rinaldi, ITA	490.92
Claus Thomsen, DEN	490.44
Marcus Lourenco, BRA	462.60
Cesar Henderson, DOM	454.29
Andrew Jackomos, AUS	452.16
Nigel Stanton, GBR	444.54
Raimund Pregel, AUT	440.70
Mario Bastos, BRA	440.40
Michael Wornisch, AUT	432.66
Masashi Nakashima, JPN	409.77
Galo Torres, ECU	371.70
Mohamed Ebbady, EGY	363.60

IV WORLD SWIMMING CHAMPIONSHIPS WATER POLO
Jambell Swimming Complex
Guayaquil, Ecuador
July 30-Aug. 7, 1982

FIRST ROUND

Spain 21	New Zealand 2
United States 24	Egypt 2
Cuba 9	Greece 5
Holland 8	Canada 5
West Germany 9	Italy 8
Hungary 14	P.R. China 6
USSR 11	Australia 8
Yugoslavia 13	France 9
July 31	P.R. China 8
Yugoslavia 13	Canada 11
Italy 20	New Zealand 5
USSR 16	Egypt 1
Hungary 14	Greece 5
West Germany 9	Spain 6
Holland 12	France 5
United States 7	Australia 5
Aug. 1	New Zealand 5
West Germany 16	Egypt 2
Australia 23	Greece 10
P.R. China 12	Greece 10
Yugoslavia 7	Holland 6
Spain 9	Italy 8
USSR 8	United States 5
Hungary 10	Cuba 8
France 12	Canada 11
SECOND ROUND	
Aug. 3	Canada 6
Greece 9	Canada 6
Australia 14	New Zealand 2
Italy 16	Egypt 4
P.R. China 14	France 10
Holland 9	Cuba 7
USSR 8	Spain 7
West Germany 8	United States 7
Hungary 11	Yugoslavia 10
Aug. 4	
Egypt 10	New Zealand 7
Greece 9	France 9
Canada 12	P.R. China 9
Italy 10	Australia 9
United States 9	Spain 5
Cuba 9	Yugoslavia 8
Hungary 7	Holland 6
USSR 11	West Germany 8

FINAL ROUND

Aug. 6	France 6
New Zealand 6	France 6
Canada 18	Egypt 4
P.R. China 9	Australia 4
Italy 10	Greece 6
Yugoslavia 7	Spain 6
Cuba 9	United States 7
Hungary 7	West Germany 7
USSR 7	Holland 5
Aug. 7	
Canada 9	New Zealand 7
France 13	Egypt 5
Australia 9	Greece 9
Italy 14	P.R. China 10
Spain 6	Cuba 7
United States 8	Yugoslavia 7
West Germany 5	Holland 3
USSR 7	Hungary 7
FINAL STANDINGS	
USSR	
Hungary	
West Germany	
Holland	
Cuba	
United States	
Yugoslavia	
Spain	
Italy	
China	
Australia	
Greece	
France	
Canada	
Egypt	
New Zealand	

IV WORLD SWIMMING CHAMPIONSHIPS SYNCHRONIZED SWIMMING
Aisicelo Garay Pool
Guayaquil, Ecuador
July 29-Aug. 5, 1982

FIGURES—July 29

Tracie Ruiz, USA	94.5000
Sharon Hambrook, Canada	93.3001
Carolyn Waldo, Canada	91.8668
Kelly Kryczka, Canada	91.7833
Vicky Vilagos, Canada	91.3500
Renee Paradis, Canada	90.6001
Mary Visitski, USA	89.8666
Penny Vilagos, Canada	89.6834
Marie White, USA	88.8334
Holly Spencer, USA	88.7166
Karen Callaghan, USA	88.4167
Janet Arnold, Canada	88.4000
Robin Waller, USA	88.3000
Chantal Laviolette, Canada	87.8501
Tara Cameron, USA	87.7667
Miwako Moloyoshi, Japan	87.2001
Masae Fujiwara, Japan	86.8333
Carolyn Wilson, Great Britain	86.5167
Sarah Josephson, USA	86.2834
Wendy Barber, Canada	86.2833
Susan Clarke, Canada	86.2333
Kazuno Jiwara, Japan	85.8333
Candace Costie, USA	85.6001
Karin Singer, Switzerland	85.4334
Saeko Kimura, Japan	85.0324
Catharina Eyken, Holland	84.7333
Ikuo Abe, Japan	84.5666
Tracey Cook, Great Britain	84.5167
Marijke Englen, Holland	84.1833
Tomoko Ishi, Japan	84.0167
SOLO—July 30	
Championship Finals	
Tracie Ruiz, USA	192.3000
Kelly Kryczka, Canada	189.9833
Miwako Moloyoshi, Japan	181.6001
Carolyn Wilson, Great Britain	176.5167
Marijke Englen, Holland	171.1833
Gudrun Haenisch, W. Germany	167.6500
Carol Struzenegger, Switz.	166.5833

Murielle Hermine, France	166.0499
Prelims	
Tracie Ruiz, USA	95.6000
Kelly Kryczka, Canada	94.8000
Carolyn Wilson, Great Britain	89.4000
Gudrun Haenisch, W. Germany	85.6000
Marijke Englen, Holland	83.2000
Carol Struzenegger, Switz.	83.2000
Alexandra Wornisch, Austria	83.2000
Murielle Hermine, France	82.4000
Veronica Pavon, Mexico	81.2000
Donella Burridge, Australia	79.6000
Janeth Hatuska, Colombia	78.6000
DUET—Aug. 1	
Championship Finals	
Sharon Hambrook & Kelly Kryczka, Canada	190.5417
Candace Costie & Tracie Ruiz, USA	188.6501
Ikuo Abe & Masae Fujiwara, Japan	181.9000
Carolyn Holmyard & Carolyn Wilson, Great Britain	176.7333
Marijke Englen & Catharina Eyken, Holland	174.6583
Maya Mast & Carol Struzenegger, Switzerland	167.1250
Pascale Besson & Murielle Hermine, France	165.3417
Eva Edinger & Alexandra Wornisch, Austria	162.8500
Prelims	
Sharon Hambrook & Kelly Kryczka, Canada	188.1417
Candace Costie & Tracie Ruiz, USA	185.8501
Ikuo Abe & Masae Fujiwara, Japan	180.3000
Carolyn Holmyard & Carolyn Wilson, Great Britain	174.3333
Marijke Englen & Catharina Eyken, Holland	173.2583
Maya Mast & Carol Struzenegger, Switzerland	165.7250
Pascale Besson & Murielle Hermine, France	163.1417
Eva Edinger & Alexandra Wornisch, Austria	162.0500
Gudrun Haenisch & Christine Lang, West Germany	162.1334
Donella Burridge & Lisa Steanes, Australia	159.2000
Paula Carvalho & Vivian Silva, Brazil	159.1667
Claudia Novelo & Veronica Pavon, Mexico	158.3834
Janeth Hatuska & Iliana Valdes, Colombia	154.2667
Marie Jacobsson & Maria Nilsson, Sweden	153.8167
Ximena Casas & Lucia Andrade, Dominican Republic	151.9000
Pamela Lett & Alessandra Ripetti, Italy	151.4917
Robin Cody & Nitzia Vivoni, Puerto Rico	151.1084
Uma Docosta & Luisa Espinosa, Cuba	150.6750
Sarah Hill & Deborah Ward, Zimbabwe	145.6167
Ana Amicarella & Monica Maldonado, Venezuela	144.1333
Fadwa Eid & Manal Eid, Egypt	137.9750
TEAM—Aug. 5	
Championship Finals	
Canada	188.2584
United States	186.8334
Japan	182.0500
Netherlands	172.6896
Great Britain	172.1000
Switzerland	166.7209
West Germany	163.6792
Mexico	160.5875

Canada	186.6584
United States	185.4334
Japan	180.4500
Great Britain	170.5000
Netherlands	170.2896
Switzerland	164.5200
West Germany	161.4792
Mexico	158.7675
Colombia	155.8208
Brazil	155.7688
Italy	151.0688
Egypt	137.2688

Kathy Coffin, TOP	27.40
Susan Hickman, GO	27.40
Kim Nicholson, CPM	27.42
Julie Williams, MVN	27.46
Debbie Daniel, ACAC	27.49
Heather Burgess, BRAC	27.50
Amy Pless, PCSC	27.50
Beth Gardner, FLST	27.51
Beth Lutz, SCSC	27.56
Amy Caulkins, NAC	27.57
Teresa Andrews, FAST	27.66
Melanie Buddemeyer, JCCS	27.68
Laura Blankley, SCSC	27.70
Elizabeth Brown, STAR	27.70
Martha McCann, DSC	27.71
Kim Tesch, LFSC	27.88
Michele Maximo, WCSC	27.90
Catherine Laing, NAC	27.92

national

1982 UNITED STATES SWIMMING LONG COURSE NATIONALS
IUPUI Natatorium
Indianapolis, Ind.
Aug. 18-21, 1982 50 M. Pool

** World Record
* American and U.S. Open Record

WOMEN

50 M FREESTYLE	
Championship Finals	
Dara Torres, TANDEM	26.13
Sue Walsh, UNC	26.21
Susan Tietjen, STAR	26.49
Jodi Eyles, FLST	26.59
Kristie Bush, STAR	26.70
Barb Major, STAR	26.80
Annie Lett, WEST	26.89
Diane Wallner, FLST	26.95
Consolation Finals	
Carmen Cowan, BSS	26.76
Tammy Thomas, LA	26.79
Carol Landry, LAK	26.80
Paige Zemina, FLST	26.84
Kristen Wengler, EPOFOX	26.94
Susan Habernigg, MVN	27.06
Kirsten Dunbar, STAR	27.15
Heather Strang, STAR	27.18
Prelims	
Dara Torres, TANDEM	26.54
Susan Tietjen, STAR	26.62
Sue Walsh, UNC	26.68
Jodi Eyles, FLST	26.78
Kristie Bush, STAR	26.82
Diane Wallner, FLST	26.84
Annie Lett, WEST	26.86
Barb Major, STAR	26.88
Kristen Wengler, EPOFOX	26.89
Susan Habernigg, MVN	26.89
Heather Strang, STAR	26.92
Carmen Cowan, BSS	26.97
Kirsten Dunbar, STAR	26.99
Carol Landry, LAK	27.04
Paige Zemina, FLST	27.05
Tammy Thomas, LA	27.07
(1st Swim-off: 26.87)	
(2nd Swim-off: 26.89)	
Libby Kinkead, WCSC	27.07
(1st Swim-off: 26.87)	
(2nd Swim-off: 26.94)	
Kathy Smith, BEST	27.07
(Swim-off: 26.95)	
Suze Fila, RIV	27.09
(Swim-off: 27.26)	
Tamra Pease, RF	27.11
Christina Diaz, Unat.	27.11
Kim Storm, CW	27.12
Beth Washut, CPM	27.13
Lisa Remele, SOLO	27.15
Robin Fiene, CPH	27.17
Lisa Miller, FAST	27.19
Mary Birdsall, IHAC	27.24
Keiley Wely, CPH	27.30
Ann Drolson, MPAC	27.33
Sybil Smith, FGD	27.38
Karla Driester, BIF	27.38
Sue Scott, WCSC	27.39

100 M FREESTYLE

Championship Finals	
Paige Zemina, FLST	57.45
Beth Washut, CPM	57.51
Mary Wyle, C	57.52
Susan Habernigg, MVN	57.64
Kristen Wengler, EPOFOX	57.73
Annie Lett, WEST	57.95
Cynthia Woodhead, MVN	58.01
Marybeth Linzmeier, MVN	58.11
Consolation Finals	
Heather Strang, STAR	57.67
Amy Caulkins, NAC	57.80
Mary T. Meagher, LAK	58.36
Dara Torres, TANDEM	58.58
Barb Major, STAR	58.72
Sara Linke, WCAB	58.88
Rebecca Kast, LAT	58.91
Julie Williams, MVN	59.26
Prelims	
Kristen Wengler, EPOFOX	57.44
Beth Washut, CPM	57.47
Paige Zemina, FLST	57.57
Susan Habernigg, MVN	57.58
Mary Wyle, C	57.79
Marybeth Linzmeier, MVN	57.84
Cynthia Woodhead, MVN	57.86
Annie Lett, WEST	57.91
Amy Caulkins, NAC	58.11
Heather Strang, STAR	58.13
Barb Major, STAR	58.22
Mary T. Meagher, LAK	58.31
Julie Williams, MVN	58.37
Dara Torres, TANDEM	58.39
Rebecca Kast, LAT	58.54
Carol Landry, LAK	58.61
Libby Kinkead, WCSC	58.67
Carin Koblenz, NBAC	58.72
Carmen Cowan, BSS	58.72
Diane Wallner, FLST	58.74
Kathy Coffin, TOP	58.79
Lauren Welling, LAK	58.85
Ann Drolson, MPAC	59.04
Kristie Bush, STAR	59.07
Beth Gardner, FLST	59.07
Rebecca Kast, LAT	59.08
Kathy Smith, BEST	59.17
Catherine Laing, NAC	59.17
Suze Fila, RIV	59.20
Tammy Thomas, LA	59.22
Heather Burgess, BRAC	59.27
Susan Tietjen, STAR	59.40
Debbie Daniel, ACAC	59.45
Kathy Wely, CPH	59.49
Mary Birdsall, IHAC	59.50
Kathy Hall, NIKE	59.65
Elizabeth Brown, STAR	59.69
Robin Fiene, CPH	59.73
Carolyn Goodley, WEST	59.87
Kim Nicholson, CPM	1:00.04
Laura Blankley, SCSC	1:00.05
Susan Hickman, GO	1:00.06
Sue Scott, WCSC	1:00.16
Betsy Mitchell, CPM	1:00.30
Jill Rogers, CPM	1:00.69
Teresa Andrews, FAST	1:00.79

PINS - MEDALS - PATCHES - DECALS - T-SHIRTS

SAVE! EARN BIGGER PROFITS FROM SALES AT YOUR SWIM MEETS, DEAL DIRECT WITH AMERICA'S LEADING SWIM INSIGNIA MANUFACTURER. FREE CALL FOR READY PRICE ESTIMATE. FREE CATALOG. FREE SAMPLE. GUARANTEED DELIVERY. GUARANTEED QUALITY REPRODUCTION.



CALL COLLECT: MENTION THIS AD (201) 867-3159 (3175)

BEFORE YOU ORDER ELSEWHERE, CHECK OUR LOW PRICE.

EASTERN EMBLEM MFG. CORPORATION

BOX 828 DEPT. SW

UNION CITY, N. J. 07087

DEALER INQUIRIES INVITED