

THE XX OLYMPIAD  
MUNICH, GERMANY  
August 26 - Sept. 4, 1972  
W = WORLD RECORD  
A = AMERICAN RECORD  
E = EUROPEAN RECORD  
C = COMMONWEALTH RECORD

# MEN

## 100 METER FREESTYLE

HEAT 1		
RUY AQUINO OLIVEIRA	BRAZIL	54.26
GILLES VIGNE	FRANCE	54.34
WILFRIED HARTUNG	E.GERMANY	54.37
MALCOLM WINDEATT	G.BRITAIN	54.70
GEORGEY FERREIRA	TRINIDAD	56.27
ROBERTO STRAUSS	MEXICO	56.78

HEAT 2		
IGOR GRIVENNIKOV	USSR	53.64
COLIN HERRING	NEW ZEALAND	54.41
ALAN HERITTE	FRANCE	54.57
ANTONIO FERRACUTI	EL SALVADOR	56.69
RUDAN SANDRO	YUGOSLAVIA	56.91
BROUNE BASSOUL	LIBYA	1:00.08

HEAT 3		
VLADIMIR BURE	USSR	52.87
JORGÉ COMAS	SPAIN	53.70
JOSE DINIZ ARANHA	BRAZIL	54.06
HANS PETER WUERMLI	SWITZERLAND	55.08
NEIL ROGERS	AUSTRALIA	55.32
PRAK SAMNANG	CAMBODIA	59.18

HEAT 4		
MICHEL ROUSSEAU	FRANCE	52.93
KARSTEN MEIER	W.GERMANY	53.96
GREGORY ROGERS	AUSTRALIA	53.98
HARTMUT FLOCKNER	E.GERMANY	54.36
BRUCE ROBERTSON	CANADA	54.76
FERIDUN AYBAR	TURKEY	59.32

HEAT 5		
JOHN MURPHY	USA	53.07
GEORGI KULIKOV	USSR	53.78
PETER BRUCH	E.GERMANY	54.25
PAULO ZANETTI	BRAZIL	54.97
BRIAN BRINKLEY	G.BRITAIN	55.06
ZBIGNIEW PACLET	POLAND	55.97
ANDREW HUNTER	IRELAND	56.09
ASDALLA A. ZEYAD	KUWAIT	1:03.94

HEAT 6		
JERRY HEIDENREICH	USA	52.38
BRIAN PHILLIPS	CANADA	53.75
ROBERT KASTING	CANADA	54.07
GERHARD SCHILLER	W.GERMANY	54.28
ATTILA CSASZARI	HUNGARY	55.37
FINNUR GARDARSSON	ICELAND	55.53
SALVADOR VILANOVA	EL SALVADOR	56.57
RONNIE MAN CHUI WONG	HONG KONG	57.53

HEAT 7		
MICHAEL WENDEN	AUSTRALIA	52.34
MARK SPITZ	USA	52.46
KLAUS STEINBACH	W.GERMANY	52.91
FRITZ WARNOCKE	NORWAY	54.41
ROBERTO PANGARO	ITALY	54.74
MARIAN SLAVIC	ROMANIA	55.35
JORGE VAN BALEN	VENEZUELA	57.20

## SEMI-FINAL 1

JERRY HEIDENREICH	USA	52.31
IGOR GRIVENNIKOV	USSR	52.55
VLADIMIR BURE	USSR	52.60
MICHEL ROUSSEAU	FRANCE	52.82
JOSE ROBERTO DINIZ ARANHA	BRAZIL	53.47
BRIAN PHILLIPS	CANADA	53.73
PETER BRUCH	E.GERMANY	53.97
KARSTEN MEIER	W.GERMANY	54.35

## SEMI-FINAL 2

MICHAEL WENDEN	AUSTRALIA	52.32
MARK SPITZ	USA	52.43
KLAUS STEINBACH	W.GERMANY	52.87
JOHN MURPHY	USA	53.17
ROBERT KASTING	CANADA	53.62
GEORGI KULIKOV	USSR	53.68
JORGE COMAS	SPAIN	53.92
GREGORY ROGERS	AUSTRALIA	54.26

## FINALS

MARK SPITZ	USA	24.56	W 51.22
JERRY HEIDENREICH	USA	24.92	51.85
VLADIMIR BURE	USSR	24.96	51.77
JOHN MURPHY	USA	25.26	52.08
MICHAEL WENDEN	A'LIA	25.38	52.41
IGOR GRIVENNIKOV	USSR	25.34	52.44
MICHEL ROUSSEAU	FRANCE	25.08	52.90
KLAUS STEINBACH	W.GERM.	25.66	52.92

## 200 METER FREESTYLE

HEAT 1		
MICHAEL WENDEN	AUSTRALIA	1:56.66
ROBERT NAY	AUSTRALIA	1:57.69
VIKTOR MAZANOV	USSR	1:57.92
HANS LJUNGBERG	SWEDEN	1:59.42
ALFREDO CARLOS MACHADO	BRAZIL	2:00.14

## HEAT 2

VLADIMIR BURE	USSR	1:56.15
GEORGI KULIKOV	USSR	1:57.04
PIERRE CALAND	FRANCE	2:00.75
MICHAEL BAILEY	G.BRIT	2:00.79
ZBIGNIEW PACLET	POLAND	2:01.28
ARNALDO CINQUETTI	ITALY	2:01.78

## HEAT 3

WERNER LAMPE	W.GERM.	1:55.97
GRAHAM WHITE	A'LIA	1:58.60
JOHN MILLS	G.BRIT	2:00.17
FRITZ WARNOCKE	NORWAY	2:00.98
KAMEL KENAWY ALY MOSTAFA	EGYPT	2:05.30
LUIS AYESA, JR.	PHILIP.	2:05.97

## HEAT 4

KLAUS STEINBACH	W.GERM.	1:55.60
WILFRIED HARTUNG	E.GERM.	1:56.95
GERARDO VERA	VENEZUELA	1:57.33
OLAF VON SCHILLING	W.GERM.	2:00.27
BENRT ZARNOWIECKI	SWEDEN	2:01.34
RICCARDO TARGETTI	ITALY	2:02.58
FAWZI I. IRHAMA	KUWAIT	2:33.75

## HEAT 5

FREDERICK TYLER	USA	1:56.04
PETER BRUCH	E.GERM.	1:58.49
BRUCE ROBERTSON	CANADA	1:59.02
MARIAN SLAVIC	ROMANIA	2:00.23
COLIN HERRING	N.ZEAL.	2:00.29
IAN MACKENZIE	CANADA	2:01.22
HANS PETER WUERMLI	SWITZ.	2:03.14
ROBERTO STRAUSS	MEXICO	2:03.57

## HEAT 6

STEVEN GENTER	USA	1:55.42
BRIAN BRINKLEY	G.BRIT	1:58.09
PETER PRIJDEKKE	HOLLAND	1:58.78
RUY AQUINO OLIVEIRA	BRAZIL	2:00.48
ROBERTO PANGARO	ITALY	2:00.97
RUDAN SANDRO	YUGO.	2:05.08
TOMAS RENGIFO	EL SALV.	2:08.67
FINNUR GARDARSSON	ICELAND	2:08.88

## HEAT 7

MARK SPITZ	USA	1:55.29
RALPH HUTTON	CANADA	1:56.84
UDO POSER	E.GERMANY	1:57.23
ROLF PETERSSEN	SWEDEN	2:00.02
MARK ANTHONY CROCKER	H.KONG	2:12.85
PRAK SAMNANG	CAMBODIA	2:13.34

## FINALS

MARK SPITZ	USA	26.09	55.06
STEVEN GENTER	USA	1:24.44W	52.78
		26.66	54.93
		1:24.28	1:53.73
WERNER LAMPE	W.GERM.	26.82	55.73
		1:25.27	1:53.99
MICHAEL WENDEN	A'LIA	26.97	56.07
		1:25.23	1:54.40
FREDERICK TYLER	USA	27.48	56.91
		1:26.13	1:54.96
KLAUS STEINBACH	W.GERM.	26.74	55.50
		1:25.55	1:55.55
VLADIMIR BURE	USSR	26.21	56.16
		1:26.96	1:57.24
RALPH HUTTON	CANADA	27.51	57.28
		1:27.65	1:57.56

## 400 METER FREESTYLE

HEAT 1		
GUNNAR LARSSON	SWEDEN	4:09.88
TOM VAN KLOOSTER	HOLLAND	4:11.72
GUILLERMO GARCIA	MEXICO	4:15.33
ALAIN CHARMY	SWITZ.	4:18.25
BRUCE ROBERTSON	CANADA	4:20.31
NEIL DEXTER	G.BRIT	4:24.80
KAMEL KENAWY ALY MOSTAFA	EGYPT	4:24.97

HEAT 2		
BENGT GINGSJOE	SWEDEN	4:06.59
HANS JOACHIM FASSNACHT	W.GERM.	4:09.23
UDO POSER	E.GERM.	4:09.62
PETER ROSENKRANZ	W.GERM.	4:14.01
TOMAS BECERRA	COLOMBIA	4:20.78
DAE IMLANI	PHILIP.	4:24.01
DIMITRIOS THEODOROPoulos	GREECE	4:30.54

HEAT 3		
STEVEN GENTER	USA	4:05.89
ANDERS BELLBRING	SWEDEN	4:08.38
ALEXANDR SAMSONOV	USSR	4:11.46
WOLFRAM SPERLING	E.GERM.	4:14.73
SVERRE KILS	NORWAY	4:20.86
JOSE LUIS PRADO	MEXICO	4:22.31
FRIEDRIK GUDMUNDSSON	ICELAND	4:28.25

HEAT 4		
BRADFORD COOPER	A'LIA	4:04.59
WERNER LAMPE	W.GERM.	4:04.80
RALPH HUTTON	CANADA	4:09.27
WLADYSLAW WOJTKAJTIS	POLAND	4:16.04
ALFREDO CARLOS MACHADO	BRAZIL	4:18.05
ARNALDO CINQUETTI	ITALY	4:19.49
GUSTAVO OSCAR GONZALEZ	ARGENT.	4:21.22

## HEAT 5

RICK DEMONT	USA	4:05.70
GRAHAM WINDEATT	AUSTRALIA	4:05.92
GERARDO VERA	VENEZUELA	4:11.37
JORGE DELGADO	EQUADOR	4:12.29
MARK TREFFERS	N.ZEALAND	4:14.10
ANTONIO CORELL	SPAIN	4:17.81
OH-RYUN CHO	KOREA	4:21.78

## HEAT 6

USA	4:06.09
G.BRITAIN	4:06.44
AUSTRALIA	4:08.29
CANADA	4:15.08
USSR	4:17.04
E.GERMANY	4:17.98
PERU	4:19.78
BELGIUM	4:24.73

## FINALS

RICK DEMONT	USA
BRADFORD COOPER	A'LIA
STEVEN GENTER	USA
TOM MCBREEN	USA
GRAHAM WINDEATT	A'LIA
BRIAN BRINKLEY	G.BRIT.
BENGT GINGSJOE	SWEDEN
WERNER LAMPE	W.GERM

## 1500 METER FREESTYLE

HEAT 1		
HANS FASSNACHT	W.GERMANY	16:34.63
PETER ROSENKRANZ	W.GERMANY	16:58.26
FRANCOIS DELEY	BELGIUM	17:05.09
JAMES CARTER	G.BRITAIN	17:16.01
SERGIO IREDDENTO	ITALY	17:19.45
FRIEDRIK GUDMUNDSSON	ICELAND	17:32.47
EDWIN BORJA	PHILIPINE	18:12.17

HEAT 2		
GRAHAM WINDEATT	A'LIA	15:59.63
GUILLERMO GARCIA	MEXICO	16:29.48
ANDERS BELLBRING	SWEDEN	16:33.27
DEANE BUCKBORO	CANADA	16:52.50
GERARDO VERA	VENEZUELA	17:10.33
GUSTAVO OSCAR GONZALEZ	ARGENTINA	17:23.53

HEAT 3		
MICHAEL BURTON	USA	16:09.56
GRAHAM WHITE	AUSTRALIA	16:19.63
BRIAN BRINKLEY	G.BRIT.	16:54.39
ALBERTO GARCIA	MEXICO	17:05.68
JORGE JARAMILLO	COLOMBIA	17:35.84
EUGEN ALMER	ROMANIA	17:49.80

HEAT 4		
DOUGLAS NORTHWAY	USA	16:15.30
MARK TREFFERS	N.ZEALAND	16:23.86
DUSAN GROZAJ	W.GERMANY	16:44.59
VINCENZO FINOCCHIARO	ITALY	17:13.42
TOMAS BECERRA	COLOMBIA	17:16.38
ALFREDO CARLOS MACHADO	BRAZIL	17:20.34
GUILLERMO PACHECO	PERU	17:36.36
DAE IMLANI	PHILIPINE	17:37.65

HEAT 5		
BRADFORD COOPER	A'LIA	16:11.41
BENGT GINGSJOE	SWEDEN	16:26.67
KLAUS DOCKHORN	E.GERMANY	16:55.30
OH-RYUN CHO	KOREA	17:29.23
ALEXANDR SAMSONOV	USSR	17:32.88
KAMEL KENAWY ALY MOSTAFA	EGYPT	17:40.37
NEIL DEXTER	G.BRIT	17:42.83
BRIAN CLIFFORD	IRELAND	18:09.28

HEAT 6		
RICK DEMONT	USA	16:17.61
TOM VAN KLOOSTER	HOLLAND	16:34.77
AXEL FREUDENBERG	E. GERM.	16:37.19
ZOLTAN VERRASZTO	HUN	17:18.66
WLADYSLAW WOJTKAJTIS	POLAND	17:23.47
CHRISTOPH KREIBENBUHL	SWITZER.	17:27.67
OSABA SOS	HUNGARY	17:43.97

FINALS	
MICHAEL BURTON	USA
3:06.96	4:10.70
7:22.26	8:25.86
11:37.94	12:42.10
GRAHAM WINDEATT A'LIA	

BENGT GINGSJOE	SWEDEN	1:03.82	2:09.06
		3:14.57	4:20.56
		5:26.24	6:31.5
		7:36.98	8:42.27
		9:47.94	10:53.52
		11:59.01	13:03.99
		14:09.08	15:14.31
			16:16.01
GRAHAM WHITE	A'LIA	1:01.10	2:05.08
		3:09.66	4:14.55
		5:20.22	6:26.20
		7:32.54	8:37.94
		9:43.73	10:50.05



## 200 METER BACKSTROKE

HEAT 1		
ZOLTAN VERRASZTO	HUNG	2:09.89
COLIN CUNNINGHAM	G.BRIT.	2:11.06
WILLIAM KENNEDY	CANADA	2:12.55
RAFAEL ROCHA	MEXICO	2:15.81
IAN MACKENZIE	CANADA	2:16.36
SERGIO HASBUN	EL SALV.	2:27.93
MARK ANTHONY CROCKER	HONGKONG	2:33.64

HEAT 2		
MIKE STAMM	USA	2:07.51
NEIL MARTIN	AUSTRALIA	2:12.09
MILOS NENAD	YUGO	2:12.99
LUTZ WANJA	E.GERMANY	2:13.46
VAN SARUN	CAMBODIA	2:24.42
CHIANG JIN-CHOOH	MALAYSIA	2:26.51

HEAT 3		
BRADFORD COOPER	AUSTRALIA	2:07.90
TIM MCKEE	USA	2:08.19
MASSIMO NISTRINI	ITALY	2:12.85
JOSE URUETA	MEXICO	2:13.85
LARS BORGENSEN	DENMARK	2:14.50
RODOLFO ANANTES JR.	BRAZIL	2:18.15
GERARDO ROSARIO	PHILIPPINES	2:23.53

HEAT 4		
MITCHELL IVEY	USA	2:09.32
JEAN-PAUL BERJEAUD	FRANCE	2:09.93
BOB SCHOUTSEN	HOLLAND	2:10.56
TADASHI HONDA	JAPAN	2:11.11
ROBERT RUDOLF	HUNGARY	2:13.64
JOHN HAWES	CANADA	2:15.34
NORBERT VERMEYEN	W.GERMANY	2:15.94
MILOS PEDRAG	YUGOSLAVIA	2:18.43

HEAT 5		
ROLAND MATTHES	E.GERMANY	2:08.62
LOTHAR NOACK	E.GERMANY	2:08.80
ANDERS SANDBERG	SWEDEN	2:11.36
EJVID PEDERSEN	DENMARK	2:12.30
HELMUT PODOLAN	AUSTRIA	2:13.63
PIERRE BACHR	FRANCE	2:14.65
BRUCE FEATHERSTON	AUSTRALIA	2:18.63
GUSTAVO OSCAR GONZALEZ	ARGENTINA	2:19.74

FINAL		
ROLAND MATTHES	E.GERM.	2:08.55
MIKE STAMM	USA	2:08.68
MITCHELL IVEY	USA	2:08.29
BRADFORD COOPER	A'LIA	2:09.98
TIM MCKEE	USA	2:09.38
LOTHAR NOACK	E.GER	2:09.42
ZOLTAN VERRASZTO	HUNG	2:09.57
JEAN-PAUL BERJEAUD	FRA	2:09.54
		30.01
		2:10.47
		2:11.77

## 100 METER BREASTSTROKE

HEAT 1		
MARK CHATFIELD	USA	1:05.89
WILLIAM MAHONY	CANADA	1:07.14
BERNARD COMBET	FRANCE	1:08.08
PAUL JARVIE	AUSTRALIA	1:09.25
YI SOKHON	CAMBODIA	1:11.00
EDMONDO MINGIONE	ITALY	1:11.75
MORKAL FARUK	TURKEY	1:13.86

HEAT 2		
NIKOLAI PANKIN	USSR	1:07.31
ROBERT STODART	CANADA	1:08.44
MALCOLM O'CONNELL	G.BRIT.	1:09.33
SANDOR SZABO	HUNGARY	1:09.68
GUSTAVO SALCEDO	MEXICO	1:10.17
JEAN PIERRE DUBEY	SWITZ.	1:10.31
CEZARY SMIGLAK	POLAND	1:10.53

HEAT 3		
DAVID WILKIE	G.BRITAIN	1:06.35
TOM BRUCE	USA	1:06.45
KLAUS KATZUR	E.GERMANY	1:07.36
VLADIMIR KOSINSKIY	USSR	1:07.39
AMMAN JALMAANI	PHILIPPINES	1:09.26
STEFFEN KRIECHBAUM	AUSTRIA	1:09.87
BRUNO BASSOUL	LIBYA	1:19.94

HEAT 4		
NOBUTAKA TAGUCHI	JAPAN	1:06.07
JOSE SYLVIO FIOLO	BRAZIL	1:06.23
RAINER HRADETZKY	E.GERMANY	1:06.67
LIAM BALL	IRELAND	1:09.68
ANDREAS HELLMANN	W.GERMANY	1:10.13
KARL KOCH	DENMARK	1:11.27
PIERO FERRACUTI	EL SALVADOR	1:16.74

HEAT 5		
JOHN HENCKEN	USA	1:05.96
ROGER MENU	FRANCE	1:08.63
MICHAEL WHITTAKER	CANADA	1:08.86
FELIPE MUNOZ	MEXICO	1:08.95
PEDRO BALCELLS	SPAIN	1:09.37
ALFREDO HUNGER	PERU	1:11.44
THEODOROS KOUTOUMANIS	GREECE	1:12.05
RUDI VINGHERHOETS	BELGIUM	1:12.59

## HEAT 6

WALTER KUSCH	W.GERMANY	1:06.95
VIKTOR STULIKOV	USSR	1:08.18
MICHAEL GUENTHER	W.GERMANY	1:08.33
ARMANDO OSVALDO BORETTO	ARGENTINA	1:09.64
JANOS TOTI	HUNGARY	1:10.02
ANGHEL TCHAKAROV	BULGARIA	1:10.34
PAUL NALSBY	G.BRITAIN	1:11.05
GUDJON GUDMUNDSSON	ICELAND	1:11.11

FINALS		
NOBUTAKA TAGUCHI	JAPAN	31.38
TOM BRUCE	USA	30.66
JOHN HENCKEN	USA	30.74
MARK CHATFIELD	USA	30.81
WALTER KUSCH	W.GER	31.46
JOSE SYLVIO FIOLO	BRAZIL	31.03
NIKOLAI PANKIN	USSR	31.27
DAVID WILKIE	G.BRIT	31.02

SEMI-FINAL 2		
NOBUTAKA TAGUCHI	JAPAN	W1:05.13
WALTER KUSCH	W.GERMANY	1:05.78
NIKOLAI PANKIN	USSR	1:06.08
MARK CHATFIELD	USA	1:06.08
DAVID WILKIE	G.BRITAIN	1:06.25
VIKTOR STULIKOV	USSR	1:06.56
VLADIMIR KOSINSKIY	USSR	1:07.06
ROGER MENU	FRANCE	1:07.75

SEMI-FINAL 1		
JOHN HENCKEN	USA	W1:05.68
JOSE SYLVIO FIOLO	BRAZIL	1:05.99
TOM BRUCE	USA	1:06.05
KLAUS KATZUR	E.GERMANY	1:06.82
WILLIAM MAHONY	CANADA	1:07.06
BERNARD COMBET	FRANCE	1:07.76
ROBERT STODART	CANADA	1:08.61
RAINER HRADETZKY	E.GERMANY	1:09.49

## 200 METER BREASTSTROKE

HEAT 1		
KLAUS KATZUR	E.GERMANY	2:26.32
WILLIAM MAHONY	CANADA	2:26.71
ROGER MENU	FRANCE	2:30.05
GUDJON GUDMUNDSSON	ICELAND	2:32.40
YI SOKHON	CAMBODIA	2:34.77
JANOS TOTI	HUNGARY	2:37.40

HEAT 2		
NOBUTAKA TAGUCHI	JAPAN	2:23.45
FELIPE MUNOZ	MEXICO	2:25.99
PEDRO BALCELLS	SPAIN	2:29.29
ROBERT STODART	CANADA	2:30.08
CEZARY SMIGLAK	POLAND	2:34.51
MORKAL FARUK	TURKEY	2:43.69
PIERO FERRACUTI	EL SALV.	2:45.73

HEAT 3		
DAVID WILKIE	G.BRITAIN	2:24.54
WALTER KUSCH	W.GERMANY	2:26.43
STEFFEN KRIECHBAUM	AUSTRIA	2:30.09
MALCOLM O'CONNELL	G.BRITAIN	2:31.21
JEAN PIERRE DUBEY	SWITZERLAND	2:31.56
GUSTAVO SALCEDO	MEXICO	2:32.81

HEAT 4		
RICK COLELLA	USA	2:25.40
VLADIMIR KOSINSKIY	USSR	2:28.00
ANGHEL TCHAKAROV	BULGARIA	2:30.27
ANDREAS HELLMANN	W.GERM.	2:32.60
LIAM BALL	IRELAND	2:33.47
NIGEL JOHNSON	G.BRIT.	2:34.37
KARL OHR KOCH	DENMARK	2:38.47

HEAT 5		
IGOR CHERDAKOV	USSR	2:26.21
BRIAN JOB	USA	2:26.91
JOSE SYLVIO FIOLO	BRAZIL	2:30.21
RAINER HRADETZKY	E.GERMANY	2:32.48
AMMAN JALMAANI	PHILIPPINES	2:33.54
MICHELE DIPIETRO	ITALY	2:36.49

HEAT 6		
JOHN HENCKEN	USA	2:24.88
NIKOLAI PANKIN	USSR	2:26.71
PAUL JARVIE	AUSTRALIA	2:27.83
MICHAEL WHITTAKER	CANADA	2:33.47
RUDI VINGHERHOETS	BELGIUM	2:36.89
GREGOR BETZ	W.GERMANY	2:36.96
ALFREDO HUNGER	PERU	2:37.20
ALEJANDRO CABRERA	EL SALV.	2:56.60

FINALS		
JOHN HENCKEN	USA	31.55
DAVID WILKIE	G.BRIT.	1:45.35
NOBUTAKA TAGUCHI	JAPAN	1:47.41
RICK COLELLA	USA	33.49
FELIPE MUNOZ	MEXICO	1:47.17
WALTER KUSCH	W.GERMANY	1:49.73
IGOR CHERDAKOV	USSR	33.65
KLAUS KATZUR	E.GERMANY	1:49.41
		32.91
		1:49.21

## 100 METER BUTTERFLY

HEAT 1		
DAVID EDGAR	USA	57.30
ROGER PYTEL	E.GERMANY	57.98
PETER REMHEL	W.GERMANY	58.97
ANDRZEJ CHUDZINSKI	POLAND	1:00.22
ALAIN MOSCONI	FRANCE	1:00.23
SALVADOR VILANOVA	EL SALV.	1:01.25
MARTIN EDWARDS	G.BRITAIN	1:01.29
BRUNO BASSOUL	LIBYA	1:05.45

HEAT 2		
BRUCE ROBERTSON	CANADA	56.45
ISTVAN SZENTIMAY	HUNGARY	58.07
SERGIO WALSHPHANN	BRAZIL	58.37
YASUHIRO KOMAZAKI	JAPAN	59.71
HUGO VALENCIA	MEXICO	1:00.14
FERIDUN AYDAR	TURKEY	1:04.46
NHEM CHAY-KHENG	CAMBODIA	1:05.12
RONNIE MAN CHUI WONG	HONG KONG	1:07.50

HEAT 3		
ROLAND MATTHES	E.GERMANY	57.16
NEIL ROGERS	AUSTRALIA	57.40
JOHN MILLS	G.BRITAIN	58.28
VIKTOR SHARYGIN	USSR	58.40
ARTURO LANG LENTON	SPAIN	59.22
GEORGI KULIKOV	USSR	59.28
DIMITRIOS KARDIS	GREECE	1:00.06
ROY KUM WAH CHAN	SINGAPORE	1:02.24

HEAT 4		
JERRY HEIDENREICH	USA	56.86
LUTZ STOKLASA	W.GERMANY	57.50
ROBERT KASTING	CANADA	57.65
GEOFFREY FERREIRA	TRINIDAD	58.26
JACQUES LELOUP	BELGIUM	58.77
VLADIMIR KRIVCOV	USSR	59.83
CARLOS SINGSON BROSAS	PHILIPPINES	1:02.11

HEAT 5		
MARK SPITZ	USA	56.45
HARTMUT FLOECKNER	E.GERMANY	57.41
JUAN BELLO	PERU	57.54
BYRON MACDONALD	CANADA	57.56
HANS LAMPE	W.GERMANY	59.00
SEAN MAHER	W.GERMANY	59.50
VALENTIN PARTKYA	BULGARIA	1:00.07
ALEXANDAR PAYLICEVIC	YUGOSLAVIA	1:00.29

SEMI-FINAL 1		
ROLAND MATTHES	E.GERMANY	56.51
BRUCE ROBERTSON	CANADA	56.86
BYRON MACDONALD	CANADA	57.06
NEIL ROGERS	AUSTRALIA	57.28
ROGER PYTEL	E.GERMANY	57.69
SERGIO WALSHPHANN	BRAZIL	58.07
LUTZ STOKLASA	W.GERMANY	58.33
GEOFFREY FERREIRA	TRINIDAD	58.54

SEMI-FINAL 2		
MARK SPITZ	USA	55.98
JERRY HEIDENREICH	USA	56.18
DAVID EDGAR	USA	56.88
HARTMUT FLOECKNER	E.GERMANY	56.96
JUAN BELLO	PERU	57.51
ROBERT KASTING	CANADA	57.67
JOHN MILLS	G.BRITAIN	58.13
ISTVAN SZENTIMAY	HUNGARY	58.25

FINALS		
MARK SPITZ	USA	25.38
BRUCE ROBERTSON	CAN	26.53
DAVID EDGAR	USA	26.02
ROLAND MATTHES	E.GERM	26.38
DAVID EDGAR	USA	25.71
BYRON MACDONALD	CAN	26.95
HARTMUT FLOECKNER	E.GERM.	27.07
NEIL ROGERS	A'LIA	26.72

200 METER BUTTERFLY		
HEAT 1		
GARY HALL	USA	2:03.70
ANDRAS HARGITAY	HUNGARY	2:05.05
ROGER PYTEL	E.GERMANY	2:08.72
G.BRITAIN	2:09.39	
JORGE JARAMILLO	COLOMBIA	2:10.24
WALTER MACK	W.GERMANY	2:11.03
VASSIL DOBREV	BULGARIA	2:11.28

HEAT 2		
ROBIN BACKHAUS	USA	2:03.11
FOLKERT MEEDUW	W.GERMANY	2:06.13
YASUHIRO KOMAZAKI	JAPAN	2:08.72
HUGO VALENCIA	MEXICO	2:09.56
ANDRZEJ CHUDZINSKI	POLAND	2:12.62
GEOFFREY FERREIRA	TRINIDAD	2:19.76

HEAT 3		
HANS JOACHIM FASSNACHT	W.GERMANY	2:05.39
JORGE DELGADO	ECUADOR	2:05.61
VIKTOR SHARYGIN	USSR	2:06.76
JAMES FINDLAY	AUSTRALIA	2:08.36
RONALD JACKS	CANADA	2:09.04
RICARDO MARMALEJO	MEXICO	2:10.00
JACQUES LELOUP	BELGIUM	2:10.79
ROY KUM WAH CHAN	SINGAPORE	2:20.30

HEAT 4		
MARK SPITZ	USA	2:02.11
HARTMUT FLOECKNER	E.GERMANY	2:05.54

JOHN MILLS	G.BRITAIN	2:02.11
BRIAN BRINKLEY	G.BRITAIN	2:06.58
BYRON MACDONALD	CANADA	2:12.12
GAETANO CARBONI	ITALY	2:12.16
TUNG-HSIUNG HSU	CHINA	2:16.35
CARLOS SINGSON BROSAS	PHILIPPINES	2:23.70

FINALS		
MARK SPITZ	USA	27.12
GARY HALL	USA	1:26.90
ROBIN BACKHAUS	USA	26.57
JORGE DELGADO	ECUADOR	27.93
HANS FASSNACHT	W.GER.	1:31.86
ANDRAS HARGITAY	HUNG.	1:32.18
HARTMUT FLOECKNER	E.GERM	26.29
FOLKERT MEEDUW	W.GERM	1:32.52

200 METER INDIVIDUAL MEDLEY		
HEAT 1		
WOLFRAM SPERLING	E.GERM.	2:12.87
THOMAS ARETZ	W.GERM.	2:13.19
BERTRAM TURPEE	E.GERM.	2:16.54
TUNG-HSIUNG HSU	CHINA	2:18.34
JOSE JOAQUIN SANTIBANEZ	MEXICO	



HEAT 3			
STEVEN FURNISS	USA	4:39.33	
RICARDO MARMOLEJO	MEXICO	4:45.20	
BERTMAN TUEPPE	E.GERMANY	4:46.55	
NEIL MARTIN	AUSTRALIA	4:48.85	
CSABA SOS	HUNGARY	4:52.89	
SVERRE KILE	NORWAY	4:59.72	
EDMUNDOR GILASON	ICELAND	5:03.54	

HEAT 4			
TIM MCKEE	USA	4:40.78	
GRAHAM WINDEATT	AUSTRALIA	4:42.16	
MINAIL SHARAF	USSR	4:43.13	
HANS JOACHIM GEISLER	W.GERMANY	4:48.57	
MAURO CALLIGARIS	ITALY	4:52.02	
MICHAEL HOLTHAUS	W.GERMANY	4:58.19	

HEAT 5			
BENGT GINGSJOE	SWEDEN	4:38.05	
GARY HALL	USA	4:38.95	
WOLFRAM SPERLING	E.GERMANY	4:42.75	
JORGE DELGADO	ECUADOR	4:45.25	
BRUCE FEATHERSTON	AUSTRALIA	4:47.33	
ZBIGNIEW PACLET	POLAND	4:55.38	

FINALS			
GUNNAR LARSSON	SWE	1:03.41	2:14.07
TIM MCKEE	USA	1:02.06	2:10.66
ANDRAS HARGITAY	HUNG	1:02.22	2:10.80
STEVEN FURNISS	USA	1:01.62	4:32.70
GARY HALL	USA	1:00.78	2:10.09
BENGT GINGSJOE	SWE	1:01.05	2:11.15
GRAHAM WINDEATT	A'LIA	1:03.70	4:37.96
WOLFRAM SPERLING	E.GER	1:03.80	2:15.76
		3:36.38	4:40.66

#### 4x100 METER FREESTYLE RELAY

HEAT 1			
USSR (BURE 53.00; MAZANOV 52.88; ARDIMOV 52.84; KULIKOV 54.00)			3:32.73
FRANCE (VIGNE 54.63; MOSCONI 54.52; HERMITTE 53.69; ROUSSEAU 52.96)			3:35.84
W.GERMANY (SCHILLER 54.59; JACOB 54.27; VOSSLER 53.82; MEIER 54.00)			3:37.59
SPAIN (COMAS 54.86; CULEBRAS 54.52; MELO 55.39; PUJOL 53.97)			3:38.77
ITALY (PANGARO 54.64; BARELLI 54.10; GUARDUCCI 54.39; CASTAGNETTI 55.67)			3:38.81
HOLLAND (PRIJDEKKER 55.30; BERGMA 54.41; VANHAMBURG 55.74; ELZERMAN 55.89)			3:41.36

HEAT 2			
USA (FAIRBANK 52.61; CONNELLY 51.69; HEIDENREICH 51.89; EDGAR 52.63)			EW 3:28.84
E.GERMANY (HARTUNG 54.03; BRUCH 53.49; POSER 54.31; UNGER 53.29)			3:35.13
CANADA (PHILLIPS 54.64; ROBERTSON 53.63; BACH 54.17; KASTING 53.19)			3:35.64
BRAZIL (AQUINO OLIVEIRA 54.48; ZANETTI 53.82; BECKENHAZY 54.69; DINIZ ARANHA 52.84)			3:35.84
AUSTRALIA (ROGERS 55.12; IMLANI 57.58; SINGSON 58.70; JAITULLA 57.16)			3:47.39
EL SALVADOR (VILANDRA 55.85; PATINO 59.57; RENGIFO 57.72; FERRACUTI 55.98)			3:49.14

FINALS			
USA (Edgar 52.69; MURPHY 52.04; HEIDENREICH 50.78; SPITZ 50.80)			W 3:26.42
USSR (BURE 52.26; MAZANOV 53.13; ARDIMOV 52.75; GRIWENNIKOV 51.57)			3:29.72
E.GERMANY (MATTHESS 52.89; HARTUNG 53.31; BRUCH 53.20; UNGER 53.01)			3:32.42
BRAZIL (AQUINO OLIVEIRA 53.62; ZANETTI 53.61; BECKENHAZY 53.73; DINIZ ARANHA 52.17)			3:33.14
CANADA (ROBERTSON 53.52; PHILLIPS 52.56; BACH 54.41; KASTING 52.70)			3:33.20
W.GERMANY (STEINBACH 53.45; LAMPE 52.81; JACOB 53.81; FASSNACHT 53.82)			3:33.90
FRANCE (VIGNE 54.47; MOSCONI 54.57; HERMITTE 53.41; ROUSSEAU 51.66)			3:34.13
SPAIN (COMAS 54.32; CULEBRAS 55.02; MELO 54.77; PUJOL 54.09)			3:38.21

#### 4x200 METER FREESTYLE RELAY

HEAT 1			
AUSTRALIA (WINDEATT 1:57.34; FEATHERSTONE 1:58.42; WHITE 1:58.08; WENDEN 1:55.18)			7:49.03
CANADA (HUTTON 1:57.97; BURCKO 2:00.20; MACKENZIE 1:59.54; PHILLIPS 1:59.97)			7:57.69
GR. BRITAIN (BRINKLEY 1:57.49; MILLS 1:59.03; BAILEY 2:01.35; CUNNINGHAM 2:00.44)			7:58.33
HOLLAND (PRIJDEKKER 1:59.40; BERGMA 1:59.56; VANHAMBURG 2:00.38; ELZERMAN 2:01.52)			8:00.87
MEXICO (GARCIA 1:58.58; STRAUSS 2:02.90; PRADO 2:04.93; UNRETA 2:01.97)			8:08.39

BRAZIL (MACHADO 2:01.20; AQUINO OLIVEIRA 2:02.06; ZANETTI 2:05.05; DINIZ ARANHA 2:08.80)			8:17.91
PHILIPPINES (IMLANI 2:06.23; BORJA 2:14.31; BROSA 2:15.92; JAITULLA 2:07.54)			8:44.01

HEAT 2			
USA (CONNELLY 1:54.11; MCBREEN 1:57.34; BURTON 1:57.73; KINSSELLA 1:57.23)			7:46.42
E.GERMANY (HARTUNG 1:57.75; POSER 1:57.39; PYTEL 1:58.32; UNGER 1:57.64)			7:51.11
USSR (ARDIMOV 1:58.92; SAMSONOV 1:57.63; MAZANOV 1:56.33; KULIKOV 1:57.74)			7:51.44
W.GERMANY (FASSNACHT 1:57.70; SCHILLER 1:58.12; MEIJER 1:58.46; VOSSLER 1:59.69)			7:53.98
SWEDEN (LJUNGBERG 2:00.39; GINGSJOE 1:57.46; BELLBRING 1:59.06; LARSSON 2:00.62)			7:57.54
FRANCE (CALAND 1:58.91; COPIN 2:03.16; MOINE 2:01.45; ROUSSEAU 1:56.25)			8:00.79
ITALY (PANGARO 2:00.31; CINQUETTI 2:01.39; MARUGO 2:01.81; TARGETTI 2:00.46)			8:03.98

FINALS			
USA (KINSSELLA 55.51; 1:54.49; TYLER 55.04; 1:54.32; GENTER 54.18; 1:52.72; SPITZ 54.55; 1:54.24)			W 7:35.78
W.GERMANY (STEINBACH 55.80; 1:54.62; LAMPE 54.42; 1:53.49; VOSSLER 56.95; 1:57.45; FASSNACHT 56.08; 1:56.11)			7:41.69
USSR (GRIWENNIKOV 55.40; 1:56.24; MAZANOV 56.75; 1:57.28; KULIKOV 56.48; 1:56.92; BURE 55.45; 1:55.30)			7:45.76
SWEDEN (GINGSJOE 57.09; 1:56.88; LJUNGBERG 57.08; 1:58.18; BELLBRING 56.47; 1:57.45; LARSSON 55.19; 1:53.84)			7:47.37
AUSTRALIA (WENDEN 54.58; 1:56.41; WINDEATT 56.63; 1:57.03; NAY 57.39; 1:57.68; COOPER 56.17; 1:57.54)			7:48.66
E.GERMANY (HARTUNG 56.62; 1:56.76; BRUCH 57.20; 1:58.88; POSER 57.13; 1:56.84; UNGER 56.10; 1:56.61)			7:49.11
CANADA (ROBERTSON 57.75; 1:57.55; PHILLIPS 57.84; 2:00.46; MACKENZIE 56.09; 1:57.42; HUTTON 57.22; 1:58.17)			7:53.61

#### 4x100 METER MEDLEY RELAY

HEAT 1			
USSR (GRIWENNIKOV 1:00.82; STULIKOV 1:05.92; SHARYGIN 57.03; ARDIMOV 52.79)			3:56.57
CANADA (KENNEDY 1:01.32; MAHONY 1:06.46; ROBERTSON 56.41; KASTING 52.84)			3:57.05
HUNGARY (CSEH 1:00.27; SZABO 1:07.20; HARGITAY 56.78; SZENTIMAY 53.60)			3:59.86
FRANCE (BERJEAU 1:01.27; MENDI 1:08.11; MOSCONI 58.27; ROUSSEAU 52.84)			4:00.50
MEXICO (SANTIBANEZ 1:02.48; MUNOZ 1:08.05; VALENCIA 59.25; GUILLERMO 55.83)			4:05.61

HEAT 2			
E.GERMANY (MATTHESS 58.08; KATZUR 1:06.44; FLOECKNER 56.69; UNGER 54.00)			3:55.23
BRAZIL (ARANTES JR. 1:02.21; FILO 1:05.91; WISMANN 57.33; DINIZ ARANHA 53.20)			3:58.56
JAPAN (HONDA 1:00.23; TAGUCHI 1:04.90; KOMAZAKI 58.14; SASAKI 56.27)			3:59.55
W.GERMANY (WEBER 1:02.14; KUSCH 1:07.98; STOKLASA 58.35; STEINBACH 52.08)			4:00.56
SPAIN (MELO 1:02.33; BALCELLS 1:09.30; LANG LENTON 58.52; COMAS 53.56)			4:03.73
PHILIPPINES (ROSARIO 1:06.24; JALHAMANI 1:08.19; SINGSON 58.05; AYESA 55.33)			4:13.62

HEAT 3			
USA (Ivey 58.72; HENCKEN 1:05.10; HALL 55.39; FAIRBANK 52.75)			3:51.98
GR. BRITAIN (CUNNINGHAM 1:01.16; WILKIE 1:06.15; MILLS 57.88; WINDEATT 53.77)			3:58.87
AUSTRALIA (COOPER 1:00.77; JARVIE 1:08.97; ROGERS 58.19; WENDEN 52.22)			4:00.16
SWEDEN (SANDBERG 1:00.96; LARSSON 1:09.23; LJUNGBERG 1:00.53; BELLBRING 55.94)			4:06.67
POLAND (DLUCIK 1:01.95; SHIGLAK 1:10.88; CHUDZINSKI 59.63; PACLET 55.39)			4:07.87
CAMBODIA (SARUN 1:07.51; SOKHON 1:08.54; CHHAYKHENG 1:06.57; SAMNANG 58.08)			4:20.71

FINALS			
USA (STAMM M. 57.97; BRUCE T. 1:04.22; SPITZ M. 54.28; HEIDENREICH J. 51.67)			W 3:48.16
E.GERMANY (MATTHESS R. 56.30; EW; KATZUR K. 1:06.02; FLOECKNER H. 56.36; UNGER L. 53.43)			3:52.12
CANADA (FISH E. 59.61; MAHONY W. 1:05.89; ROBERTSON B. 54.48; KASTING B. 52.28)			3:52.26
USSR (GRIWENNIKOV 1:59.22; PANKIN N. 1:05.20; SHARYGIN V. 57.44; BURE V. 51.38)			3:53.26
BRAZIL (ARANTES JR. 1:01.87; FILO J. 1:05.92; WISMANN S. 57.99; DINIZ-ARANHA 52.09)			3:57.89
JAPAN (HONDA T. 59.83; TAGUCHI N. 1:04.33; KOMAZAKI Y. 58.10; SASAKI J. 55.96)			3:58.23

GR. BRITAIN (CUNNINGHAM C. 1:01.02; WILKIE D. 1:06.27; MILLS J. 57.53; WINDEATT M. 53.98)			3:58.82
HUNGARY (CSEH L. 1:00.54; SZABO S. 1:06.39; SZENTIMAY I. 58.02; CSASZARI A. 53.50)			3:59.07

#### WOMEN

##### 100 METER FREESTYLE

HEAT 1			
GABRIELE WETZKO	E.GERMANY	1:00.40	
TATIANA ZOLOTNICKAIA	USSR	1:01.24	
CLAUDE MANDONNAUD	FRANCE	1:01.34	
GUYLAINE BERGER	FRANCE	1:01.54	
TUROCI JUDIT KORACHNE	HUNGARY	1:01.57	
SHARON BOOTH	AUSTRALIA	1:02.07	
KIRSTEN CAMPBELL	DENMARK	1:03.83	
SUSANA SAXLUND	URUGUAY	1:04.91	

HEAT 2			
ENITH BRIGITHA	HOLLAND	1:00.02	
ANKE RIJNDERS	HOLLAND	1:00.76	
JUDY WRIGHT	CANADA	1:01.97	
CHANTAL SCHERTZ	FRANCE	1:02.82	
EDIT KOVACS	HUNGARY	1:03.00	
LUCY MAURITY BURLE	BRAZIL	1:03.12	
MARCIA ARIAGA	MEXICO	1:03.66	
ILEANA MORALES	VENEZUELA	1:04.13	

HEAT 3			
MAGDOLNA PATON	HUNGARY	59.47	
SANDRA NEILSON	USA	59.51	
HANSJE BUNSCHOTEN	HOLLAND	1:00.82	
EVA ANDERSSON	SWEDEN	1:01.88	
SUSAN EDMONDSON	G. BRITAIN	1:02.29	
FRANCIS MONOD	SWITZERLAND	1:02.43	
HEATHER COMBRIDGE	N. ZEALAND	1:02.95	
YUE-YUN HSU	CHINA	1:04.77	

HEAT 4			
SHIRLEY BABASHOFF	USA	59.51	
WENDY COOK	CANADA	1:01.20	
MARY BETH RONDEAU	CANADA	1:01.46	
LEANN FRANCIS	AUSTRALIA	1:01.90	
LESLEY ALLARDICE	G. BRITAIN	1:02.07	
INGER ANDERSSON	SWEDEN	1:03.40	
DIANE WALKER	G. BRITAIN	1:04.44	

HEAT 5			
JUTTA WEBER	W.GERMANY	59.72	
JENNIFER KEMP	USA	1:00.42	
SYLVIA EICHNER	E.GERMANY	1:00.64	
ANGELA STEINBACH	W.GERMANY	1:01.66	
NADEJDA MATIUNINA	USSR	1:02.14	
MARGIT THOMET	SWITZERLAND	1:02.33	
LAURA PODESTA	ITALY	1:02.88	

HEAT 6			
SHANE GOULD	AUSTRALIA	59.44	
ANDREA EIFE	E.GERMANY	59.73	
HEIDEMARIE REINECK	W.GERMANY	1:00.39	
GRETHE MATHISEN	NORWAY	1:01.47	
ELENA TIMOSHENKO	USSR	1:01.68	
SHIGEKO KAWANISHI	JAPAN	1:02.13	
KHARISKA PETITCHEVA	BULGARIA	1:03.43	
VIRGINIA ANCHUSTEUT	MEXICO	1:04.99	

SEMI-FINAL 1			
SHIRLEY BABASHOFF	USA	59.05	
MAGDOLNA PATON	HUNGARY	59.64	
HEIDEMARIE REINECK	W.GERMANY	59.66	
ANDREA EIFE	E.GERMANY	59.71	
JENNIFER KEMP	USA	59.93	
ANKE RIJNDERS	HOLLAND	1:00.84	
WENDY COOK	CANADA	1:01.26	
CLAUDE MANDONNAUD	FRANCE	1:01.88	

SEMI-FINAL 2			
SHANE GOULD	AUSTRALIA	59.20	
SANDRA NEILSON	USA	59.41	
GABRIELE WETZKO	E.GERMANY	59.46	
ENITH BRIGITHA	HOLLAND	59.75	
JUTTA WEBER	W.GERMANY	59.90	
SYLVIA EICHNER	E.GERMANY	1:00.73	
HANSJE BUNSCHOTEN	HOLLAND	1:00.79	
TATIANA ZOLOTNICKAIA	USSR	1:01.12	

FINALS			
SANDRA NEILSON	USA	28.46	58.59
SHIRLEY BABASHOFF	USA	29.16	59.02
SHANE GOULD	A'LIA	28.82	59.06
GABRIELE WETZKO	E.GERM	28.18	E 59.21
HEIDEMARIE REINECK	W.GERM	28.81	59.73
ANDREA EIFE	E.GERM	28.96	59.91
MAGDOLNA PATON	HUNGARY	28.92	1:00.02
ENITH BRIGITHA	HOLLAND	28.72	1:00.09

#### 200 METER FREESTYLE

HEAT 1			
ANN MARSHALL	USA	2:08.12	
KARIN TUELLING	E.GERMANY	2:09.01	
JUTTA WEBER	W.GERMANY	2:12.44	
MERRILY STRATTEN	CANADA	2:12.44	
HEATHER COMBRIDGE	N. ZEALAND	2:14.78	
KAREN LEGRESSE	CANADA	2:16.34	
BELINDA PHILLIPS	JAMAICA	2:19.49	

HEAT 2			
ANKE RIJNDERS	HOLLAND	2:09.09	
HELEN GRAY	AUSTRALIA	2:12.76	
NADEJDA MATIUNINA	USSR	2:13.60	



# 800 METER FREESTYLE

800 METER FREESTYLE				HEAT 5								
HEAT 1				HEAT 5								
NOVELLA CALLIGARIS	ITALY	9:02.96		DONNA MARIE GURR	CANADA	1:07.45	BEVERLEY WHITFIELD	AUSTRALIA	1:17.59	YOKO YAMAHOTO	JAPAN	2:54.28
ANDREA EFFE	E.GERMANY	9:22.88		KAREN MOE	USA	1:07.69	TATIANA PRUDNIKOVA	USSR	1:18.11	WENIE NIELSEN	DENMARK	2:59.31
BARBARA SCHWARZFELDT	E.GERMANY	9:24.89		SILKE FIELEN	W.GERMANY	1:07.70	YOKO YAMAHOTO	JAPAN	1:18.94			
MARIA TERESA RAMIREZ	MEXICO	9:25.09		ZOEKA GASPARAC	YUGOSLAVIA	1:09.72	ANN O'CONNOR	IRELAND	1:19.13			
FRANCOISE MONDO	SWITZERLAND	9:50.73		KATHY RAFTERY	CANADA	1:09.72	JUDITH HUDSON	AUSTRALIA	1:19.78			
YUE-YUN HSU	CHINA	10:08.49		PATRICIA LOPEZ-MUNIZ	ARGENTINA	1:12.13	SHLOMIT NIR	ISRAEL	1:20.90			
HELENE AVLONITOU	GREECE	10:10.88		CECILIA VARGAS	MEXICO	1:12.91						
				CHAN PATRICIA LI YIN	SINGAPORE	1:14.24						
								HEAT 2				
							JUDY MELICK	USA	1:16.75			
								CAROL	CANADA			
								CHRISTIANE JARVIS	GBR	2:40.26	GBR	2:40.26
								JEANETTE PETTERSON	SWE	2:50.36	SWE	2:50.36

HEAT 2				SEMI-FINAL 1				HEAT 3				HEAT 6			
KEENA ROTHAMMER	USA	8:59.89		MELISSA BELOTE	USA	1:06.08		VERENA EBERLE	W.GERMANY	1:17.67		NIEVES PANADELL	SPAIN	2:51.50	
HANSJE BUNSCHOTEN	HOLLAND	9:21.13		SUSIE ATWOOD	USA	1:06.26		LYNN VIDAL	USA	1:18.80					
UTA SCHUETZ	W.GERMANY	9:22.93		KAREN MOE	USA	1:06.27		ZUZANA MARKOVA	CZECHOSLOVAKIA	1:18.88					
OLGA LUCIA DEANGULO	COLOMBIA	9:43.27		WENDY COOK	CANADA	1:06.89		JAROSLAVA SLAVICKOVA	CZECHOSLOVAKIA	1:19.12		LIDMILLA PONUBAIKO	USSR	2:43.68	
MELBA WAGNER	W.GERMANY	9:44.17		T.I. LEKVEISHVILI	USSR	1:07.61		DIANA HARRIS	G.BRITAIN	1:19.19		CLAUDIA CLEVERGER	USA	2:44.74	
OLGA PETRUSEVA	USSR	10:04.96		SUE LEWIS	AUSTRALIA	1:07.81		WINNIE NIELSEN	DENMARK	1:23.00		FELTY HOWE	W.GERMANY	2:45.20	
SILVIA ELIZABETH BORGIN	ARGENTINA	10:09.19		DEBRA CAIN	AUSTRALIA	1:09.51		LEONOR URUETA	MEXICO	1:23.21		CHIERO SHIBATA	JAPAN	2:46.87	

HEAT 3			TARIANA VERHAAT			HOLLAND			1:00.4			DOROTHY HARRISON			G.BRITAIN			1:16.99			LIUDMILA PORUBAOKO			USSR			2:43.68		

HEAT 4				HEAT 5											
THEOBALD PALMER ANGELIKA KRAUS				AUSTRALIA 1:08.29 W.GERMANY 1:09.10				HEAT 4				REVERLEY WHITFIELD A/LIA 36.37 1:19.64 W.GERMANY 2:01.15 G241.05			
SHANE GOULD AUSTRIA 9:10.84				GALINA STEPANOVA USSR 1:17.18				DANA SCHOENFELD USA 38.16 1:19.63							
GUDRUN WEGNER E.GERMANY 9:11.32				JEANETTE PETERSSON SWEDEN 1:17.83											
KARIN TUELLING E.GERMANY 9:25.73				EVA KISS HUNGARY 1:18.57											
FEDERICA STADILINI ITALY 9:27.84				ALIEITE RIET HOLLAND 1:18.79											
MARY BETH RONDEAU CANADA 9:43.31				TINEKE HOFLAND HOLLAND 1:19.38											
ANTONELLA VALENTINI ITALY 9:49.07				PATRICIA SIEMET W.GERMANY 1:19.54											
PATRICIA LOPEZ-MUNIZ ARGENTINA 10:06.39				MARY IOANNIDOU GREECE 1:21.70											
				YUE-HWAN LII CHINA 1:25.47											

HEAT 5				HEAT 6					
JO HARSHBARGER	USA	9:14.46		LIUDMILA PORUBAIO	USSR	2:43.68	LIUDMILA PORUBAIO	USSR	2:43.68
KAREN MORAS	AUSTRALIA	9:25.11		CLAUDIA CLEVERGER	USA	2:44.74	CLAUDIA CLEVERGER	USA	2:44.74
JAYNIE PARKHOUSE	N.ZEALAND	9:34.65		PETRA NORS	W.GERMANY	2:45.20	PETRA NORS	W.GERMANY	2:45.20
KAREN LEGRISLEY	CANADA	9:37.13		CHIENO SHIBATA	JAPAN	2:46.87	CHIENO SHIBATA	JAPAN	2:46.87
BRENDA HOLMES	CANADA	9:39.44		ERIKA RUEGG	SWITZERLAND	2:47.63	ERIKA RUEGG	SWITZERLAND	2:47.63
SUSAN JONES	G.BRITAIN	9:47.35		ZUZANA MARKOVA	CZECHOSLOVAKIA	2:53.88	ZUZANA MARKOVA	CZECHOSLOVAKIA	2:53.88
KIRSTEN KNUDSEN	DENMARK	10:02.56		ANA DELAPORTILLA	MEXICO	2:54.10	ANA DELAPORTILLA	MEXICO	2:54.10
AISLING O'LEARY	IRELAND	10:18.05							

HEAT 5				HEAT 6					
JO HARSHBARGER	USA	9:14.46		CATHERINE CARR	USA	1:16.01	A.KISSNE-KACZANDER	HUNG	2:01.94
KAREN MORAS	AUSTRALIA	9:25.11		AGNES KISSNE-KACZANDER	HUNGARY	1:16.52			2:43.68
JAYNIE PARKHOUSE	N.ZEALAND	9:34.65		BRITT-MARIE SHEDD	SWEDEN	1:17.21	LIUDMILA PORUBAIO	USSR	2:43.68
KAREN LEGRISLEY	CANADA	9:37.13		ERIKA RUEGG	SWITZERLAND	1:17.95			2:44.48
BRENDA HOLMES	CANADA	9:39.44		SYLVIA DOCKERILL	CANADA	1:18.64	EVA KISS	HUNG	2:02.15
SUSAN JONES	G.BRITAIN	9:47.35		MARIAN STUART	CANADA	1:18.69			2:45.12
KIRSTEN KNUDSEN	DENMARK	10:02.56		SEATRICE MOUTOULLE	BELGIUM	1:20.79			
AISLING O'LEARY	IRELAND	10:18.05							

200 METER BACKSTROKE				HEAT 1					
ANNAGRET KOBER	W.GERMANY	2:24.88							
WENDY COOPER	CANADA	2:25.71							
SUZU MATSUMURA	JAPAN	2:26.95							
MAZDA,TRATSE,BAHIRE?	MEXICO	2:28.87							

100 METER BUTTERFLY			
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FINALS				FINALS			
KEENA ROTHAMMER	USA	1:05.24	2:12.72	MELISSA BELOTE	USA	31.18	WAI:05.78
SHANE GOULD	A'LIA	1:04.86	2:11.66	ANDREA GYARMATI	HUNGARY	31.42	*E:106.26
NOVELLA CALLIGARIS	ITA	1:04.15	2:11.01	SUSIE ATWOOD	USA	32.03	1:06.34
ANN SIMMONS	USA	1:04.22	2:11.80	KAREN MOE	USA	31.64	1:06.69
GUDRUN WEGNER	E.GERM	1:05.62	2:12.79	WENDY COOK	CANADA	31.67	*C:105.70
JO HARSHBARGER	USA	1:04.91	2:12.28	ENITH BRIGITHA	HOLLAND	31.42	*1:06.82
HANSJE BUNSCHOTEN	HOLL	1:05.04	2:12.80	CHRISTINE HERBST	E.GERM.	32.30	*1:07.27
NARELLE MORAS	A'LIA	1:06.67	2:16.10	SILKE FIELEN	W.GERM.	31.97	*1:07.36

HEAT 1				HEAT 2			
MELISSA BELOTE	USA	1:06.60		SUSIE ATWOOD	USA	2:22.13	
TINATIN LEKVEISHVILI	USSR	1:07.84		DEBORAH PALMER	AUSTRALIA	2:24.25	
MARIANNE VERMAAT	HOLLAND	1:09.14		SUSANNE HILGER	E.GERMANY	2:27.88	
SUSANNE NIESNER	SWITZERLAND	1:09.16		SUSAN HUNTER	N.ZEALAND	2:28.28	
KAZU FUJIMURA	JAPAN	1:09.81		KIKUYO ISHII	JAPAN	2:29.66	
DIANE ASHTON	G.BRITAIN	1:10.90		ZOEKA GASPARAC	YUGOSLAVIA	2:33.57	
				CHRISTINE FULCHER	IRELAND	2:33.73	
				CHAN PATRICIA LI YIN	SINGAPORE	2:41.27	

HEAT 3				HEAT 4			
LESLIE CLIFF	CANADA	2:25.08		ENITH BRIGITHA	HOLLAND	2:23.70	
KARIN BORMANN	W.GERMANY	2:25.59		DONNA MARIE GURR	CANADA	2:25.33	
LYNN SKRIFVARS	USA	2:26.40		SYLVIE LEINACH	FRANCE	2:27.18	
DEBRA CAIN	AUSTRALIA	2:27.14		TINATIN LEKVEISHVILI	USSR	2:28.22	
JOSIE ELZEMAN	HOLLAND	2:28.18		SUSANNE NIESNER	SWITZERLAND	2:29.62	
KAZU FUJIMURA	JAPAN	2:30.37		PAMELA BAIRSTOW	G.BRITAIN	2:29.28	
FELICIA OSPITALETCH	URUGUAY	2:37.88		CECILIA VARGAS	MEXICO	2:37.54	
				ONG MEI-LIN	MALAYSIA	2:46.40	

HEAT 5				HEAT 6			
MELISSA BELOTE	USA	2:20.56		VERENA EBERLE	W.GERMANY	2:46.17	
CHRISTINE HERBST	E.GERMANY	2:25.09		SYLVIA LANGER	E.GERMANY	2:49.68	
SUE LEWIS	AUSTRALIA	2:25.34		TATIANA PRUDNIKOVA	USSR	2:50.79	
ANDREA GYARMATI	USSR	2:25.81		PATRICIA NISERSON	ITALY	2:53.14	
NATALIA ERSHOVA	W.GERMANY	2:31.16		YUE-HWAN LII	CHINA	3:04.74	
PATRICIA LOPEZ-MUNIZ	ARGENTINA	2:33.41		CRISTINA BASSANI TEIXEIRA	BRAZIL	3:02:57.03	
DIANA SUTHERLAND	G.BRITAIN	2:37.61					

FINALS				FINALS			
MELISSA BELOTE	USA	32.11	1:05.59	BRITT-MARIE SHEDD	SWEDEN	2:46.05	
SUSIE ATWOOD	USA	1:42.55	WAI:19.19	BARBARA MITCHELL	USA	2:47.05	
		33.01	1:08.04	PAT BEAVAN	G.BRITAIN	2:47.42	
		1:44.37	2:20.38	ULRIKE KLEES	W.GERMANY	2:50.48	
		32.97	1:09.23	BRIGITTE SCHUCHARDT	E.GERMANY	2:53.03	
		1:45.89	2:23.22	ANN O'CONNOR	IRELAND	2:53.04	
		1:46.27	*E:23.35	ROSE-MARIE PEPE	CANADA	2:54.75	
		1:46.26	*E:23.44				
		32.41	1:08.54				
		1:46.29	*E:23.70				
		33.35	1:09.70				
		1:46.86	2:24.65				
		33.67	1:10.51				
		1:47.95	2:25.80				

HEAT 1				HEAT 2			
LIUDMILA PORUBAIO	USSR	1:17.14		BRITT-MARIE SHEDD	SWEDEN	2:46.05	
RENATE VOGEL	E.GERMANY	1:17.33		PAT BEAVAN	USA	2:47.05	
				ULRIKE KLEES	G.BRITAIN	2:47.42	
				BRIGITTE SCHUCHARDT	W.GERMANY	2:50.48	
				ANN O'CONNOR	E.GERMANY	2:53.03	
				ROSE-MARIE PEPE	IRELAND	2:53.04	
					CANADA	2:54.75	

HEAT 3				HEAT 4			
AGNES KISSNE-KACZANDER	HUNGARY	2:43.13		BEVERLEY WHITFIELD	USA	2:43.97	
EVA KISS	HUNGARY	2:43.68		HANNELORE ANKE	E.GERMANY	2:45.92	
ALIEITE RIET	HOLLAND	2:48.49		JUDITH HUDSON	AUSTRALIA	2:49.09	
AMANDA RADNAGE	G.BRITAIN	2:51.85		MARIAN STUART	CANADA	2:49.11	
MARY IOANNIDOU	GREECE	2:53.53		BEATRICE MOTTOULLE	BELGIUM	2:52.18	
SHLOMIT NIR	ISRAEL	2:53.60					
LEONOR URUETA	MEXICO	2:55.21					

FINALS				FINALS			
MAYUMI AOKI	JAPAN	30.34	*W:103.34	BEVERLEY WHITFIELD	A'LIA	38.37	1:19.64
ROSAMARIA BEIER	E.GERM.	29.51	*E:103.61	DANA SCHOENFELD	USA	38.16	1:19.63
ANDREA GYARMATI	HUNGARY	30.27	*E:103.73	GALINA STEPANOVA	USSR	37.28	1:17.90
DEENA DEARDURFF	USA	30.40	*E:103.95	CLAUDIA CLEVERGER	USA	37.46	1:19.64
DANA SHRAEDER	USA	29.94	1:03.98	PETRA NORS	W.GER	38.10	1:20.11
ELLIE DANIEL	USA	30.04	1:04.08	A.KISSNE-KACZANDER	HUNG	37.89	1:20.65
GUDRUN BECKMANN	W.GERM.	30.04	1:04.15	LIUDMILA PORUBAIO	USSR	37.77	1:19.73
NORIKO ASANO	JAPAN	30.27	1:04.25	ERIKA RUEGG	HUNG	38.04	1:20.15



FINALS			
KAREN MOE	USA	31.49	1:06.22
		1:40.92	WAZ:15.57
LYNN COLELLA	USA	31.78	1:06.63
		1:41.28	2:16.34
ELLIE DANIEL	USA	30.92	1:05.62
		1:40.83	2:16.74
ROSEMARIE KOTHERE	GERM.	31.78	1:05.46
		1:41.55	*E2:17.11
NORIKO ASANO	JAPAN	31.55	1:06.75
		1:42.63	*2:19.50
HELGA LINGNER	E.GERM.	32.04	1:06.82
		1:43.08	2:20.47
GAIL NEALL	AUSTRALIA	32.80	1:08.46
		1:44.69	*Q2:21.88
NAYUMI AOKI	JAPAN	31.28	1:07.48
		1:44.47	2:22.94

HEAT 3		
JENNY BARTZ	USA	2:25.83
BRIGITTE SCHUCHARDT	E.GERMANY	2:30.04
MARTHA NELSON	CANADA	2:30.51
SHELAGH RATCLIFFE	G.BRITAIN	2:31.04
GERDA LASSOOIJ	HOLLAND	2:32.92
EVA SIGG	FINLAND	2:33.61
GISELA CEREZO	VENEZUELA	2:35.34

HEAT 5		
LYNN VIDALI	USA	2:24.92
YOSHIMI NISHIGAWA	JAPAN	2:26.51
BIIRTA UJKUPAITITE	USSR	2:31.11
SUSAN RICHARDSON	G. BRITAIN	2:31.24
TUROCCI JUDIT KORACHNE	HUNGARY	2:32.63
TRINE KROGH	NORWAY	2:36.27
FELICIA OSPITALETCHÉ	URUGUAY	2:37.69

HEAT 6	
SHANE GOULD	AUSTRALIA 2:26.44
AGNES KISSNE-KACZANDER	HUNGARY 2:28.05
YUKARI TAKEMOTO	JAPAN 2:29.41
SUSANNE NIESNER	SWITZERLAND 2:30.87
KARIN BORMANN	W.GERMANY 2:31.19
HELMI BOXBERGER	W.GERMANY 2:33.71
ROSELINA ANGEL	COLOMBIA 2:45.46
ONG MEI-LIN	MALAYSIA 2:48.13

HEAT 6	
SHANE GOULD	AUSTRALIA 2:26.44
AGNES KISSNE-KACZANDER	HUNGARY 2:28.05
YUKARI TAKEMOTO	JAPAN 2:29.41
SUSANNE NIESNER	SWITZERLAND 2:30.87
KARIN BORMANN	W.GERMANY 2:31.19
HELMI BOXBERGER	W.GERMANY 2:33.71
ROSALINA ANGEL	COLOMBIA 2:45.46
ONG MEI-LIN	MALAYSIA 2:48.13

HEAT 2		
HENNIE PENTERMANN	HOLLAND	5:14.99
MARLIES POHL	E.GERMANY	5:15.38
JENNIFER MCHUGH	CANADA	5:20.25
DEBBIE BENGTON	CANADA	5:21.62
EVA SIGG	FINLAND	5:22.92
KAREN MORAS	AUSTRALIA	5:24.13
KIRSTEN CAMPBELL	DENMARK	5:25.97

HEAT 3		
LYNN VIDALI	USA	5:09.67
NOVELLA CALLIGARIS	ITALY	5:11.16
GERDA LASSOOIJ	HOLLAND	5:22.09
MARIA ISABEL V. GUERRA	BRAZIL	5:24.43
TRINE KROGH	NORWAY	5:25.08
DIANE WALKER	G. BRITAIN	5:28.92
HELENE AVLONTOU	GREECE	5:32.49
BEATRICE MOTTOULLE	BELGIUM	5:35.38

HEAT 4		
EVELIN STOLZE	E.GERMANY	5:06.96
JENNY BARTZ	USA	5:07.31
NINA PETROVA	USSR	5:13.42
YUKARI TAKEMOTO	JAPAN	5:20.89
WJDA MAZEREUW	HOLLAND	5:24.00
LAURA VACA	MEXICO	5:24.63
ROSELINA ANGEL	COLOMBIA	5:30.44

NOVELLA GALLIGAN'S IFA	1:09.04	2:27.13
JENNY BARTZ USA	3:57.63	*5:03.99
	1:08.88	2:28.65
	3:57.17	5:05.56
EVELIN STOLZE E.GERM.	1:09.99	2:29.41
	3:59.41	*5:06.80
MARY MONTGOMERY USA	1:10.41	2:27.61
	4:32.30	5:09.98
LYNN VIDALI USA	1:08.90	2:29.18
	4:01.75	5:13.06
NINA PETROVA USSR	1:12.60	2:33.26
	4:03.32	5:15.68

AUSTRALIA PALMER 1:01.48; FRANCIS 1:01.37  
 BOOTH 1:01.07; GAIN 1:01.50 4:05.44  
 CANADA (RONDEAU) 1:02.95; WRIGHT 1:01.86;  
 CLIFF 1:00.72; COOK 1:00.58 4:05.95  
 USSR (ZOLOTNICKAIA) 1:02.03; TIMOSHENKO  
 1:01.83; MATSUHINA 1:01.56; USTIMENKO  
 1:02.12 4:07.55  
 FRANCE (MANDONNAUD) 1:01.38; SCHERTZ  
 1:02.81; PETIT 1:03.70; BERGER 1:00.92 4:08.82  
 MEXICO (RAMIREZ) 1:01.79; ANCHUSTEGUI  
 1:03.96; VACA 1:04.77; FALGHERA 1:04.42 4:14.95  
 IRELAND (O'CONNOR) 1:05.15; FULMER 1:05.5  
 MCGROBBY 1:08.05; O'LEARY 1:06.50 4:26.34

HUNGARY (GYARMATI 1:00.77; ROCHANEI  
1:01.55) KOVACS 1:01.82; PATON 1:00.13  
4:04.29  
JAPAN (NISHIGAWA 1:01.34; KAWANISHI 1:01.64  
GOSHI 1:01.88; TAKEMOTO 1:03.46) 4:08.34  
GR. BRITAIN (SUTHERLAND 1:03.36; SIRS  
1:03.17; EDMONDSON 1:01.74; ALLARDE  
1:01.23) 4:09.51  
ITALY (POSESTA 1:02.44; LANFREDINI 1:02.62  
GORGERINO 1:03.07; STABILI 1:02.56)  
4:10.70  
SWITZERLAND (THOMET 1:03.25; DESBRUNNER  
1:02.68; FLAMAND 1:03.10; MONOD 1:01.68  
4:10.73

USA (HEILBORN,S.59.99; KEMP,J.59.99;57 BARK-  
MAN,J.59.03; BABASOFF,S.59.18) W3:55.19  
E. GERMANY (WETZKO,S.59.23; EIFE,A.59.96;  
SEHMICH 59.08; EMEK,K.58.27) 53:55.55  
W. GERMANY (MEIER,J.59.84; A. REINER,H.59.02  
BECKMANN,D.59.99;STEINBACH,S.59.97)  
77.33  
HUNGARY (GYARNATI,A.59.32; KORACHEN-TURC-  
ZI,J.1:00.88; KOVACS,E.1:01.12; PATON,H.  
59.06) 4:04.39  
HOLLAND (BRIGHTA 59.46; RIJNDERS 1:00.85  
BUNSCHEOT 59.93;ELZEMARI:01:24.01:49  
SWEDEN (ZARNOWIECKI,A.1:01.16; ANDERSSON,E.  
1:00.25;OLSSON,D.1:00.30; JOHANSSON,  
1:00.97) 4:02.69  
CANADA (COOK,M.1:00.98; WRIGHT,J.1:01.06;  
RONDEAU,M.1:01.37;CLIFF,L.1:00.41)  
4:03.83  
AUSTRALIA (PALMER,D.1:02.02;FRANCIS,L.  
1:01.09;BOOTH,S.1:00.70; GOULD,S.  
1:01.00) 4:04.82

USSR (L'ERVENSHVILI 1:06.97; STEPANOVA  
1:16.01; USTINENKO 1:06.93; ZOLOT-  
NICKAIA 1:00.42) 4:30.35  
SWEDEN (OHLSSON 1:09.35; SMEDIN 1:17.00;  
WINNER 1:05.82; ZARNOWIECKI 59.70)  
4:31.88  
HOLLAND (BRIGITHA 1:07.02; TERJET 1:18.12;  
BUYS 1:06.86; RIJNDERS 1:00.39) 4:32.20  
W.GERMANY (KOBEL 1:08.46; EBERLE 1:17.19;  
KOCH 1:06.93; WEBER 1:00.88) 4:33.37

HEAT 2

USA (ATWOOD 1:07.30; MELICK 1:16.48;  
SHRADER 1:04.71; SABASHOFF 59.08) 27.57  
E. GERMANY (HERBST 1:08.36; SIEBEL 1:16.38;  
BEIER 1:03.98; WETZKO 58.84) 42.58  
JAPAN (MATSUMURA 1:09.21; YAMAMOTO 1:18.30;  
AKOI 1:02.62; NISHIGAMA 1:00.21) 43.04  
CANADA (COOK 1:07.42; DOCKERILL 1:17.43;  
CORSON 1:05.98; CLIFF 1:01.03) 43.87  
G. BRITAIN (BAIRSTOW 1:10.12; HARRISON  
1:16.39; JEAVONS 1:06.65; ALLARIDGE  
1:01.43) 43.41  
SWITZERLAND (NIESNER 1:09.45; THOMET  
1:16.19; RUEGG 1:06.96; MONOD 1:02.07)  
43.49  
FRANCE (LENOACH 1:06.99; CLARET 1:20.16;  
CASTIAU 1:08.86; MANDONNAD 1:00.90)

W4: 20.75  
E.GERMANY (HERBST,C,1:05.89; VOGEL,R,  
1:16.58; BEIER,R,1:03.34; ENDER,K,58.08)  
\*E4: 24.91  
W.GERMANY (PIELEN,S,1:06.27; EBERLE,V,  
1:15.47; BECHMANN,G,1:03.64; REINECK,H,  
59.05)  
\*A4: 26.46  
USSR (LEKVISHVILI,T,1:07.09; STEPANOVA,  
N,1:14.46; USTIMENKO,I,1:06.19; ZOLOT-  
NICKAI,T,1:00.05)  
\*A4: 27.81  
HOLLAND (BRIGHTA,E,1:06.35; TERLET,A,  
1:18.17; RIJNDERS,A,1:05.77; BUNSCHOTEN,  
H, 59.88)  
\*A4: 29.89  
JAPAN (MATSUURA,S,1:08.60; YAMAHOTO,Y,  
1:18.72; AOKI,M,1:02.47; NISHIGAWA,Y,  
1:00.39)  
\*A4: 30.18  
CANADA (COOK,W,1:07.06; DOCKERTILL,S,1:18.41  
CORSON,W,1:05.02; CLIFF,L,1:01.07)  
\*A4: 31.56  
SWEDEN (OLSSON,B,1:09.50; SNEHD,J,1:16.89;  
WIKNER,E,1:06.35; ZARNOWIECKI,A, 59.85)  
\*A4: 32.51

NOTE: OLYMPIC RECORDS WERE SET IN ALL  
OF THE 29 FINALS . . . . .

	FINALS	PRELIM.
VLADIMIR VASIN	USSR 594.09	387.72
FRANCO CAGNOTTO	ITALY 591.63	400.95
CRAG LINCOLN	USA 577.29	366.79
KLAUS DIGIASI	ITALY 559.05	380.16
MICHAEL FINNERAN	USA 557.34	378.84
VIACHESLAV STRAHOV	USSR 556.20	392.10
FALK HOFFMANN	G.E.R 544.95	364.45
NORBERT HUDA	W.G.E.R 524.16	355.29
CARLOS GIRON	MEXICO 521.88	345.21
ROAR LOKEN	NORWAY 514.92	344.55
JOSE ROBINSON	MEX. 514.02	348.48
HELEN ZIETHEEN	G.E.R 511.02	364.02
DONALD WAGSTAFF	AUSTRALIA	344.13
SCOTT CRANHAM	CANADA	339.21
PENTTI KOSKINEN	FINLAND	336.99
KEN SULLY	CANADA	336.12
CHRISTOPHER WALLS	G.B. BRITAIN	332.07
VLADIMIR KAPIRUL	USSR	329.46
GERHARD HOELZL	W.GERMANY	327.42
DAVID BUSH	USA	327.06
ION GANEA	ROMANIA	325.17
ALAN GOOSEN	FRANCE	322.41
JOHN DAVID BAKER	G.B. BRITAIN	321.15
JUNJI YUASA	JAPAN	316.95
RON FRIESEN	CANADA	313.11
SALIM BARJUM	COLOMBIA	310.86
PORFIRIO BECERRIL	MEXICO	310.85
BRIAN WETHERIDGE	G.B. BRITAIN	310.53
KENNETH GROVE	AUSTRALIA	302.91
REINHARD VON BAUER	W.GERMANY	299.79
RUDOLF KRUSPEL	AUSTRIA	293.58
JOSEF KIEN	AUSTRIA	285.30

	FINALS	PRELIM.
KLAUS DIBIASI	ITALY 504.12	338.25
RICHARD RYDZÉ	USA 480.75	302.15
FRANCO CAGNOTTO	ITALY 475.83	312.93
LOTHAR MATTHES	E.GER 465.75	298.41
DAVID AMBARCHUMIAN	USSR 463.56	314.31
RICHARD EARLY	USA 462.45	287.94
VLADIMIR KAPIRULIN	USSR 459.21	296.40
CARLOS GIRON	MEX 442.81	290.37
MICHAEL FINNERAN	USA 439.47	289.80