

SWIMMING RESULTS - MEN

M E N -- 25-29 -- 50 M. FREE

1	OLAF AHLERS	GER	23.64
2	ROBERT PEEL	USA	24.14
3	LARS HINNEBURG	GER	24.28
4	ROLAND LEE	GBR	24.29
5	STUART CROMARTY	USA	24.75
6	MATT JONES	USA	24.84
7	BOB YOUNG	USA	25.33
8	IGOR VAZHENIN	USA	25.56
9	JOHN DISALLE	USA	25.94
9	ROBERTO CARVALHO	BRA	25.94
11	CLEMENT BARRETTE	CAN	26.02
12	GREGORY YOUNG	USA	26.19
13	MATTHEW CONNERY	USA	26.27
14	GLEN HANSEN	USA	26.44
15	GREGORY SCHNEIDER	USA	26.74
16	EVAN DAVIS	USA	26.80
16	DOUGLAS BOLES	USA	26.80
18	JOHN STENROOS	USA	26.83
19	STEPHAN WAGNER	GER	26.87
20	PHILIP BARNET	RSA	26.91
21	ALFREDO SILVA	MEX	27.12
22	W.VOLCKENING	USA	27.18
23	RODNEY MASON	USA	27.19
24	ROBERT LANDRIAULT	CAN	27.20
25	HENRY HEPPNER	USA	27.26
26	VADIM LEBEDEV	RUS	27.30
27	ALEX BLAVATNIK	USA	27.38
28	ALFRED NASH	USA	27.52
29	GABRIEL FLECK	USA	27.53
30	PRATI PAOLO	ITA	27.75
31	RAY HOULE	CAN	27.80
32	GARY REES	GBR	28.17
33	JUN YOSHIKAWA	JPN	28.66
34	GUMBY TROY	USA	29.07
35	AXEL SONDERMANN	GER	29.27
36	HAL LUSK	USA	29.35
37	HIDEYUKI KATOH	JPN	30.44
38	DAVID LAWRENCE	USA	34.37
39	CHUCK SPELL	USA	35.78

M E N -- 25-29 -- 100 M. FREE

1	OLAF AHLERS	GER	52.42
2	ROLAND LEE	GBR	52.46
3	LARS HINNEBURG	GER	53.74
4	MATT JONES	USA	54.30
5	STUART CROMARTY	USA	55.10
6	IGOR VAZHENIN	USA	55.16
7	GARY ANTONICK	USA	56.04
8	ROBERTO CARVALHO	BRA	56.14
9	CLEMENT BARRETTE	CAN	56.71
10	MATTHEW GOMEZ	GBR	56.84
11	BOB YOUNG	USA	57.01
12	JOHN DISALLE	USA	57.23
13	BENOIT VASSENT	FRA	57.68
14	GREGORY YOUNG	USA	58.04
15	ALFREDO SILVA	MEX	58.38
16	MATTHEW CONNERY	USA	58.57
17	JOHN STENROOS	USA	59.33
18	RODNEY MASON	USA	59.42
19	STEPHAN WAGNER	GER	59.69
20	ARNOLD DE ROVER	NED	59.93

21	GARY REES	GBR	59.97
22	GREGORY SCHNEIDER	USA	1:00.35
23	HENRY HEPPNER	USA	1:00.67
24	KARL PAULIUS	USA	1:01.06
25	CHRIS WALKER	GBR	1:01.92
26	JOSEPH HOESS	USA	1:02.40
27	RAY HOULE	CAN	1:02.53
28	PRATI PAOLO	ITA	1:03.06
29	JUN YOSHIKAWA	JPN	1:03.08
30	JAMES PETERS	USA	1:03.48
31	DOUGLAS BOLES	USA	1:03.52
32	ERIE VRIESE	NED	1:03.60
33	GABRIEL FLECK	USA	1:04.10
34	GUMBY TROY	USA	1:05.39
35	HAL LUSK	USA	1:06.56
36	ROBERT HATCHER	USA	1:07.63
37	HIDEYUKI KATOH	JPN	1:07.88
38	CHUCK SPELL	USA	1:18.15
39	DAVID LAWRENCE	USA	1:19.19

M E N -- 25-29 -- 200 M. FREE

1	JOHN PEARSON	USA	2:00.12
2	IGOR VAZHENIN	USA	2:01.17
3	ROBERTO CARVALHO	BRA	2:03.08
4	STUART CROMARTY	USA	2:03.49
5	JOHN DISALLE	USA	2:08.78
6	ROBERT LANDRIAULT	CAN	2:12.77
7	OLAF CHALMER	LUX	2:13.81
8	ALFREDO SILVA	MEX	2:13.94
9	GARY REES	GBR	2:15.93
10	JUN YOSHIKAWA	JPN	2:19.21
11	JEFFREY CLARK	USA	2:20.13
12	RAY HOULE	CAN	2:21.46
13	TIM ANDERSON	USA	2:23.13
14	CHRIS WALKER	GBR	2:23.19
15	JAMES PETERS	USA	2:23.57
16	ERIE VRIESE	NED	2:23.72
17	PRATI PAOLO	ITA	2:24.04
18	HIDEYUKI KATOH	JPN	2:30.09

M E N -- 25-29 -- 400 M. FREE

1	ROLAND LEE	GBR	4:07.72
2	ROBERTO CARVALHO	BRA	4:25.80
3	MARKUS BLASER	GER	4:30.10
4	OLAF CHALMER	LUX	4:46.49
5	BENOIT VASSENT	FRA	4:47.61
6	ROBERT LANDRIAULT	CAN	4:48.49
7	ARNOLD DE ROVER	NED	4:50.82
8	JOSEPH HOESS	USA	4:51.37
9	BRADLEY GEORGE	USA	4:51.88
10	JAMES PETERS	USA	5:01.92
11	JUN YOSHIKAWA	JPN	5:02.63
12	RAY HOULE	CAN	5:07.79
13	STEPHEN MILLER	USA	5:32.35
14	ERIE VRIESE	NED	5:42.28
15	DOUGLAS BOLES	USA	5:49.10

M E N -- 25-29 -- 800 M. FREE

1	JOHN PEARSON	USA	8:36.88
2	ROBERTO CARVALHO	BRA	9:30.71
3	DONALD SKEOCH	USA	9:39.68
4	OLAF CHALMER	LUX	9:55.29

5	ROBERT LANDRIAULT	CAN	9:58.75
6	CRISTIAN RENTSCH	SUI	10:05.42
7	BRADLEY GEORGE	USA	10:09.51
8	ARNOLD DE ROVER	NED	10:12.66
9	JUN YOSHIKAWA	JPN	10:26.08
10	HIDEYUKI KATOH	JPN	11:09.19
11	TIM ANDERSON	USA	11:11.88
12	ROBERT HATCHER	USA	11:31.78

M E N -- 25-29 -- 50 M. BACK

1	TODD ROBINSON	USA	28.73
2	JASON AUSTIN	GBR	29.05
3	N.LECHEVALIER	FRA	30.35
4	ROBERTO SALAS	VEN	30.61
5	JOSEPH HOESS	USA	31.40
6	W.VOLCKENING	USA	31.65
7	AXEL SONDERMANN	GER	33.28
8	HENRY HEPPNER	USA	33.89
9	GABRIEL FLECK	USA	33.99
10	HAL LUSK	USA	35.14
11	ALFRED NASH	USA	35.18
12	PRATI PAOLO	ITA	36.94

M E N -- 25-29 -- 100 M. BACK

1	MICHAEL CREASER	USA	1:01.21
2	JASON AUSTIN	GBR	1:02.24
3	N.LECHEVALIER	FRA	1:04.01
4	ROBERTO SALAS	VEN	1:06.61
5	DOUGLAS PRIDE	USA	1:08.54
6	STEPHAN WAGNER	GER	1:10.68
7	W.VOLCKENING	USA	1:11.38
8	HENRY HEPPNER	USA	1:13.90
9	AXEL SONDERMANN	GER	1:14.03
10	GABRIEL FLECK	USA	1:15.12

M E N -- 25-29 -- 200 M. BACK

1	JASON AUSTIN	GBR	2:14.49
2	N.NECHEVALIER	FRA	2:16.07
3	DOUGLAS PRIDE	USA	2:28.23
4	CRISTIAN RENTSCH	SUI	2:30.17
5	JOSEPH HOESS	USA	2:30.25
6	JOSEPH SHEHAN	USA	2:36.11
7	W.VOLCKENING	USA	2:36.93
8	LEE ROBINSON	USA	2:43.24
9	ERIE VRIESE	NED	2:51.91
10	LUC MAURICE	CAN	3:00.21
11	HIDEYUKI KATOH	JPN	3:17.13

M E N -- 25-29 -- 50 M. BRST

1	DEWEY WYATT	USA	29.77
2	MATTHEW GOMEZ	GBR	31.13
3	A.JENOVELIS	GER	31.25
4	MARTIN WARNES	GBR	31.49
5	GREGORY SCHNEIDER	USA	32.96
6	MATTHEW CONNERY	USA	32.98
7	F.CHARMFOROOSH	USA	33.27
8	JOHN STENROOS	USA	33.59
9	MARCUS EAMES	GBR	33.75
10	CLEMENT BARRETTE	CAN	33.82
11	KARL PAULIUS	USA	34.28
12	VADIM LEBEDEV	RUS	34.96

SWIMMING RESULTS - MEN

13 LUC MAURICE CAN 36.44
14 PRATI PAOLO ITA 36.79
15 KEIICHI TANAKA JPN 39.42
16 TAKASHI NONAKA JPN 42.43
17 DAVID LAWRENCE USA 42.81

M E N -- 25-29 -- 100 M. BRST

1 DEWEY WYATT USA 1:07.68
2 A. JENOVELIS GER 1:09.45
3 MATTHEW GOMEZ GBR 1:10.17
4 EVAN DAVIS USA 1:12.03
5 JOHN STENROOS USA 1:12.08
6 F. CHARMFOROOSH USA 1:12.87
7 MATTHEW CONNERY USA 1:13.24
8 MARTIN WARNES GBR 1:13.45
9 GREGORY SCHNEIDER USA 1:13.52
10 CLEMENT BARRETTE CAN 1:15.65
11 GLEN HANSEN USA 1:16.23
12 MARCUS EAMES GBR 1:16.42
13 ALEX BLAVATNIK USA 1:16.54
14 KARL PAULIUS USA 1:19.48
15 CHRIS WALKER GBR 1:21.82
16 LUC MAURICE CAN 1:22.05
17 PRATI PAOLO ITA 1:23.06
18 ROBERT HATCHER USA 1:29.28
19 DAVID LAWRENCE USA 1:34.78
20 JUAN PABLO RIOS MEX 1:36.22

M E N -- 25-29 -- 200 M. BRST

1 JOHN PEARSON USA 2:33.63
2 A. JENOVELIS GER 2:34.85
3 DEWEY WYATT USA 2:37.04
4 MATTHEW GOMEZ GBR 2:37.89
5 F. CHARMFOROOSH USA 2:39.16
6 T. SCHNITTKER USA 2:39.83
7 MATTHEW CONNERY USA 2:40.66
8 MARKUS BLASER GER 2:41.51
9 GREGORY SCHNEIDER USA 2:42.77
10 CRISTIAN RENTSCH SUI 2:43.91
11 DONALD SKEOCH USA 2:45.25
12 MARK WOODARD USA 2:49.01
13 MARCUS EAMES GBR 2:51.14
14 DELPH GUSTITUS USA 3:04.71
15 LUC MAURICE CAN 3:04.73
16 KARL PAULIUS USA 3:07.72
17 ROBERT HATCHER USA 3:22.19
18 HIDEYUKI KATOH JPN 3:25.46
19 JUAN PABLO RIOS MEX 3:32.10

M E N -- 25-29 -- 50 M. FLY

1 LARS HINNEBURG GER 25.63
2 ANDERS RASMUSSEN USA 25.68
3 OLAF AHLERS GER 25.92
4 MATT JONES USA 26.02
5 TAIHEI SAKA JPN 26.85
6 BOBBY PATTEN USA 26.87
7 STUART CROMARTY USA 27.17
8 T. SCHNITTKER USA 27.51
9 IGOR VAZHENIN USA 27.52
10 MICHAEL CREASER USA 27.58
11 ROBERTO SALAS VEN 27.63
12 DEWEY WYATT USA 27.84

13 GARY ANTONICK USA 28.14
14 JOHN DISALLE USA 28.58
15 ROBERT HARRIS USA 28.63
16 GLEN HANSEN USA 28.73
17 JEFFREY CLARK USA 28.83
18 BOB YOUNG USA 28.93
19 MARCUS EAMES GBR 28.97
20 ALFRED NASH USA 29.02
21 A. JENOVELIS GER 29.05
22 BRADLEY GEORGE USA 29.31
23 PHILIP BARNET RSA 29.53
24 SCOTT KELLER USA 29.72
25 GARY REES GBR 29.87
26 L. GANDOLPHO BRA 29.91
27 F. CHARMFOROOSH USA 30.13
28 DOUGLAS BOLES USA 30.33
29 CHRIS WALKER GBR 30.59
30 RAY HOULE CAN 30.87
31 ALFREDO SILVA MEX 30.96
32 HENRY HEPPNER USA 31.49
33 JUN YOSHIKAWA JPN 31.62
34 KARL PAULIUS USA 32.68
35 KEIICHI TANAKA JPN 33.59
36 CHUCK SPELL USA 33.89

M E N -- 25-29 -- 100 M. FLY

1 MATT JONES USA 57.71
2 TAIHEI SAKA JPN 58.91
3 IGOR VAZHENIN USA 59.74
4 MICHAEL CREASER USA 1:00.52
5 MARKUS BLASER GER 1:00.87
6 GARY ANTONICK USA 1:01.18
7 ROBERTO SALAS VEN 1:01.53
8 ROBERT HARRIS USA 1:02.82
9 JOHN DISALLE USA 1:03.48
10 GLEN HANSEN USA 1:04.31
11 MARCUS EAMES GBR 1:05.37
12 MARK WOODARD USA 1:05.79
13 JEFFREY CLARK USA 1:06.90
14 ARNOLD DE ROVER NED 1:07.28
15 L. GANDOLPHO BRA 1:07.87
16 ALFRED NASH USA 1:08.13
17 BRADLEY GEORGE USA 1:09.38
18 GARY REES GBR 1:10.40
19 RAY HOULE CAN 1:10.91
20 THOMAS DAVIS USA 1:16.69

M E N -- 25-29 -- 200 M. FLY

1 TODD ROBINSON USA 2:08.99
2 BOBBY PATTEN USA 2:10.73
3 IGOR VAZHENIN USA 2:14.56
4 GARY ANTONICK USA 2:15.07
5 MARKUS BLASER GER 2:15.93
6 DONALD SKEOCH USA 2:20.46
7 ROBERT HARRIS USA 2:24.73
8 ROBERT LANDRIALT CAN 2:27.86
9 MARK WOODARD USA 2:27.90
10 CHRISTIAN RENTSCH SUI 2:30.95
11 OLAF CHALMER LUX 2:38.68
12 DOUGLAS PRIDE USA 2:41.10
13 LUC MAURICE CAN 3:06.12

M E N -- 25-29 -- 200 M. I.M.

1 ROLAND LEE GBR 2:10.70
2 JOHN PEARSON USA 2:16.46
3 GARY ANTONICK USA 2:16.61
4 MARKUS BLASER GER 2:19.37
5 JASON AUSTIN GBR 2:21.38
6 DONALD SKEOCH USA 2:24.79
7 MARK WOODARD USA 2:27.47
8 CRISTIAN RENTSCH SUI 2:27.52
9 GLEN HANSEN USA 2:27.79
10 EVAN DAVIS USA 2:28.93
11 DEWEY WYATT USA 2:29.66
12 ARNOLD DE ROVER NED 2:29.87
13 OLAF CHALMER LUX 2:31.31
14 BRADLEY GEORGE USA 2:34.76
15 ALEX BLAVATNIK USA 2:35.19
16 W. VOLCKENING USA 2:37.11
17 ERIE VRIESE NED 2:48.51
18 ROBERT HATCHER USA 2:51.59
19 THOMAS DAVIS USA 2:51.97

M E N -- 25-29 -- 400 M. I.M.

1 TODD ROBINSON USA 4:42.71
2 JOHN PEARSON USA 4:43.17
3 BOBBY PATTEN USA 4:52.42
4 GARY ANTONICK USA 4:54.08
5 MARKUS BLASER GER 4:57.93
6 DONALD SKEOCH USA 5:07.16
7 CRISTIAN RENTSCH SUI 5:12.84
8 ROBERT HARRIS USA 5:13.57
9 MARK WOODARD USA 5:13.77
10 ROBERTO CARVALHO BRA 5:15.40
11 ARNOLD DE ROVER NED 5:22.81
12 THOMAS DAVIS USA 6:13.42
13 ERIE VRIESE NED 6:17.46
14 ROBERT HATCHER USA 6:24.21

M E N -- 30-34 -- 50 M. FREE

1 ROWDY GAINES USA 23.94
2 JAMES LILLEY USA 24.92
3 ANDRE MICHAUD CAN 25.06
4 BRYANT LUM USA 25.17
5 RAMON VOLCAN VEN 25.25
6 NIGEL GOLDSWORTHY GBR 25.27
7 JOE REINHARDT USA 25.42
8 RUSSELL VANCE AUS 25.87
9 TED SOLTYS USA 25.94
10 L. MEISENHEIMER USA 25.95
11 DAVID MALSURY USA 25.98
12 DAVE GIBSON USA 26.31
13 YIT ANN LIM USA 26.32
14 DAVID TOWN CAN 26.34
15 MARK BEVERIDGE USA 26.41
16 JAMES LITTLEFIELD USA 26.76
17 JOE SHAKE USA 26.86
18 MATTHEW PAINTER USA 27.01
19 B. HUESCA HDEZ MEX 27.12
20 IVAN CUNNINGHAM AUS 27.28
21 PHILLIP SMITH USA 27.33
22 DAVID MELVILLE USA 27.43
23 KEVIN WELTON USA 27.70
24 LARRY SCHUMACHER USA 27.78
25 CHRIS JENNINGS USA 27.88

SWIMMING RESULTS - MEN

26	SHERIF SHAALAN	USA	27.91
27	THOMAS MCBRIDE	USA	28.00
28	JOHN SULLIVAN	USA	28.04
29	BOB WOOD	USA	28.08
30	STEPHEN YOUNG	AUS	28.17
31	MARK RAPSAWICH	USA	28.18
32	ALDO PRETTO	ITA	28.28
33	JOSE PEREIRA	BRA	28.30
34	PETER BOYLAN	GBR	28.46
35	ERROL GRAHAM	USA	28.93
35	JEFFREY MOXIE	USA	28.93
37	R.NIEUWENDIJK	NED	29.02
38	STEVE BARR	USA	29.43
39	RIVALDO MARTINS	BRA	29.68
40	JAMES BUDDENBAUM	USA	29.71
41	GRAHAM DEVEY	NZL	29.90
42	DANIEL PERALTA	ARG	30.03
43	LUIS BARRERA	MEX	30.81
44	ANDRE PANTEKOEK	NED	31.81
45	RICHARD LIWOSZ	USA	32.17
46	NOEL DICKSON	GBR	33.17
47	ROBERT HOGG	GBR	34.98
48	CALLUM MORRISON	GBR	36.12

M E N -- 30-34 -- 100 M. FREE

1	ROWDY GAINES	USA	52.53
2	JAMES LILLEY	USA	54.11
3	BRYANT LUM	USA	55.19
4	RUSSELL VANCE	AUS	55.72
5	NIGEL GOLDSWORTHY	GBR	56.32
6	ROBERT HUDEK	USA	56.34
7	ANDRE MICHAUD	CAN	56.43
8	HOLDEN BANK	USA	56.59
9	DAVID EMERSON	GBR	56.60
10	L.MEISENHEIMER	USA	56.73
11	TED SOLTYS	USA	56.92
12	KURT RADECKE	USA	57.27
13	KAISUMI OHMAE	JPN	57.71
14	MARSHALL LEE	USA	57.96
15	PHILIPPE CALAIS	USA	58.65
16	DAVE GIBSON	USA	58.85
17	JOE SHAKE	USA	59.30
18	IVAN CUNNINGHAM	AUS	59.51
19	JAMES LITTLEFIELD	USA	59.60
20	ROBIN PRINS	NZL	59.98
21	RONALD GROVE	NED	1:00.10
22	DENIS MARIN	MEX	1:00.81
23	GILBERTO BLENDL	MEX	1:00.83
24	PHILLIP SMITH	USA	1:00.95
25	MARK BEVERIDGE	USA	1:01.12
26	BOB WOOD	USA	1:01.37
27	ALDO PRETTO	ITA	1:01.70
28	TIM SMALE	USA	1:01.72
29	MARK RAPSAWICH	USA	1:02.68
30	SHERIF SHAALAN	USA	1:02.69
31	THOMAS MCBRIDE	USA	1:02.89
32	JEFFREY MOXIE	USA	1:03.06
33	JOSE PEREIRA	BRA	1:03.27
34	RIVALDO MARTINS	BRA	1:03.84
35	R.NIEUWENDIJK	NED	1:04.46
36	PETER BOYLAN	GBR	1:05.04
37	PHILLIP CLEAVER	USA	1:05.14
38	JAIME MANZANERA	MEX	1:06.31
39	JAMES BUDDENBAUM	USA	1:06.35

40	YOUICHI SAKURABA	JPN	1:06.94
41	GRAHAM DEVEY	NZL	1:07.33
42	GENNARD LANZARA	USA	1:07.75
43	ERROL GRAHAM	USA	1:08.51
44	LUIS BARRERA	MEX	1:08.60
45	NOEL DICKSON	GBR	1:09.57
46	MAURICE ECHOLS	USA	1:19.86
47	CALLUM MORRISON	GBR	1:22.17
48	ROBERT HOGG	GBR	1:22.30
49	RALPH PETRELLI	USA	1:28.71

M E N -- 30-34 -- 200 M. FREE

1	JAMES LILLEY	USA	2:00.04
2	DAVID LUNDBERG	USA	2:00.41
3	ROBERT HUDEK	USA	2:00.58
4	L.MEISENHEIMER	USA	2:03.25
5	DAVID TOWN	CAN	2:05.22
6	RUSSELL VANCE	AUS	2:05.74
7	TED SOLTYS	USA	2:07.66
8	THOMAS LEUPOLD	GER	2:08.20
9	NIGEL GOLDSWORTHY	GBR	2:08.42
10	KAISUMI OHMAE	JPN	2:08.44
11	PHILIPPE CALAIS	USA	2:09.32
12	IVAN CUNNINGHAM	AUS	2:11.79
13	JEFF KENNEDY	USA	2:15.10
14	ROBIN PRINS	NZL	2:17.43
15	C.BROBIN	USA	2:17.77
16	R.NIEUWENDIJK	NED	2:20.38
17	A.OEHLSCHLAEGEL	GER	2:23.05
18	JOHN KANGAS	USA	2:25.29

M E N -- 30-34 -- 400 M. FREE

1	ANDREW GRAY	RSA	4:16.20
2	ROBERT HUDEK	USA	4:20.11
3	BILL PALMER	USA	4:20.96
4	THOMAS SMITH	USA	4:21.89
5	MIKE KECK	USA	4:23.20
6	L.MEISENHEIMER	USA	4:31.02
7	SCOTT SHAKE	USA	4:33.70
8	EDDIE FREYHOFF	GER	4:35.77
9	KAISUMI OHMAE	JPN	4:42.04
10	RIVALDO MARTINS	BRA	4:50.79
11	GILBERTO BLENDL	MEX	4:56.11
12	RONALD GROVE	NED	5:03.06
13	R.NIEUWENDIJK	NED	5:04.90
14	VLADECIR DORETTO	BRA	5:07.16
15	THOMAS BOYA	USA	5:07.92
16	A.OEHLSCHLAEGEL	GER	5:12.31
17	SU CHIEN-MING	TPE	5:13.81
18	PHILLIP CLEAVER	USA	5:14.90
19	YOUICHI SAKURABA	JPN	5:34.82
20	JEROME CHRISTIAN	USA	5:54.96
21	ROBERT HOGG	GBR	6:51.27

M E N -- 30-34 -- 800 M. FREE

1	JEFF STILING	USA	8:51.23
2	ANDREW GRAY	RSA	8:51.81
3	ROBERT HUDEK	USA	8:53.13
4	MIKE KECK	USA	9:11.68
5	EDDIE FREYHOFF	GER	9:22.57
6	THOMAS LEUPOLD	GER	9:26.57
7	T.NOERRENBURG	GER	9:42.97

8	KAISUMI OHMAE	JPN	9:53.51
9	JEFF KENNEDY	USA	10:13.19
10	RONALD GROVE	NED	10:27.32
11	C.BROBIN	USA	10:32.27
12	R.NIEUWENDIJK	NED	10:39.98
13	A.OEHLSCHLAEGEL	GER	10:40.81
14	THOMAS BOYA	USA	10:47.90
15	TIMOTHY CLAGHORN	USA	12:50.95

M E N -- 30-34 -- 50 M. BACK

1	RAMON VOLCAN	VEN	29.09
2	PETER DARDARIS	USA	29.21
3	JOE REINHARDT	USA	29.44
4	SCOTT SHAKE	USA	30.32
5	BRYANT LUM	USA	30.43
6	DAVID MALSBUY	USA	31.15
7	JAMES LITTLEFIELD	USA	31.97
8	CHRIS JENNINGS	USA	32.10
9	YIT ANN LIM	USA	32.11
10	DAVID GUTHRIE	USA	32.38
11	ULISES FLORES	MEX	32.60
12	STEPHEN YOUNG	AUS	32.80
13	MARK SHIRLEY	USA	33.32
14	JAMES STICKFORD	USA	33.53
15	PHILLIP SMITH	USA	33.57
16	STEVEN GREENSTEIN	GBR	34.87
17	RAYMOND LOHSL	USA	34.95
18	ANDRE PANTEKOEK	NED	35.29
19	MARK RAPSAWICH	USA	36.08
20	DENNIS SHIRLEY	USA	36.82
21	JEROME CHRISTIAN	USA	36.91
22	JAMES BUDDENBAUM	USA	37.13
23	ERROL GRAHAM	USA	37.27
24	STEVE BARR	USA	39.79
25	ROBERT HOGG	GBR	42.17
26	GREGORY DANNECKER	USA	43.69

M E N -- 30-34 -- 100 M. BACK

1	DAVID LUNDBERG	USA	1:00.19
2	WILLIAM SPECHT	USA	1:01.69
3	PETER DARDARIS	USA	1:02.54
4	JOE REINHARDT	USA	1:02.91
5	JAMES LILLEY	USA	1:03.14
6	CHARLES GROEN	USA	1:05.33
7	DAVID TOWN	CAN	1:05.45
8	T.NOERRENBURG	GER	1:07.45
9	KEVIN WELTON	USA	1:08.45
10	ANDRE MICHAUD	CAN	1:09.20
11	MARK HUFFMAN	NZL	1:09.75
12	MATTHEW PAINTER	USA	1:09.85
13	ULISES FLORES	MEX	1:10.27
14	CHRIS JENNINGS	USA	1:10.63
15	ROBIN PRINS	NZL	1:12.11
16	KIM DECKER	USA	1:13.14
17	JAMES BRINKMAN	USA	1:13.68
18	RAYMOND LOHSL	USA	1:14.11
19	JAMES STICKFORD	USA	1:15.04
20	ANDRE PANTEKOEK	NED	1:19.20
21	HUMBERTO GONZALEZ	MEX	1:20.15
22	GENNARD LANZARA	USA	1:20.37
23	DENNIS SHIRLEY	USA	1:23.97
24	GREGORY DANNECKER	USA	1:33.86
25	ROBERT HOGG	GBR	1:39.07

SWIMMING RESULTS - MEN

M E N -- 30-34 -- 200 M. BACK

1	SCOTT SHAKE	USA	2:17.76
2	PETER DARDARIS	USA	2:18.24
3	MIKE KECK	USA	2:23.07
4	T.NOERRENBURG	GER	2:25.64
5	RON NIEDRICH	USA	2:33.02
6	ULISES FLORES	MEX	2:36.28
7	MARK SHIRLEY	USA	2:42.08
8	RAYMOND LOHSL	USA	2:43.70
9	GENNARD LANZARA	USA	2:49.37
10	RONALD GROVE	NED	2:49.50
11	JEROME CHRISTIAN	USA	2:59.68
12	ANDRE PANTEKOEK	NED	3:02.59
13	DENNIS SHIRLEY	USA	3:05.56
14	ROBERT HOGG	GBR	3:31.76

M E N -- 30-34 -- 50 M. BRST

1	DAVID GUTHRIE	USA	29.42
2	THOMAS ZEHRER	GER	31.77
3	HOLDEN BANK	USA	31.79
4	MICHAEL SLOWEY	USA	31.87
5	HAJIME KUBO	JPN	31.88
6	PHILIPPE CALAIS	USA	32.03
6	DAVID MALSBUY	USA	32.03
8	MARC SCHLATTER	USA	32.09
9	DETLES SCHMITZ	RSA	32.29
9	DUNCAN BEVERIDGE	GBR	32.29
11	MICHAEL CASCIATO	USA	32.58
12	YIT ANN LIM	USA	32.68
13	REINHARD MAIWALD	GER	32.81
14	HOLGER MAIWALD	GER	33.27
15	S.BARTUSEK	CZE	33.41
16	STEPHEN YOUNG	AUS	33.55
17	STEVEN GREENSTEIN	GBR	34.03
18	JOSE PEREIRA	BRA	34.42
19	ULISES FLORES	MEX	35.09
20	RON PHAFF	NZL	35.11
21	JEFFREY MOXIE	USA	35.18
22	MARTIN STEEN	GBR	35.34
23	DAVID PAISON	USA	35.38
24	PETER BOYLAN	GBR	35.97
25	ALDO PRETTO	ITA	36.24
26	HUMBERTO GONZALEZ	MEX	36.29
27	THOMAS BOYA	USA	36.61
28	SIMON BRADES	GBR	36.88
29	JAIME MANZANERA	MEX	37.90
30	GREGORY DANNECKER	USA	37.95
31	GRAHAM DEVEY	NZL	38.11
32	CARLOS GUINEA	ARG	38.17
33	ARMANDO PERALTA	ARG	38.22
34	LUIS BARRERA	MEX	41.04
35	STEVE BARR	USA	44.21
36	CALLUM MORRISON	GBR	46.27

M E N -- 30-34 -- 100 M. BRST

1	DAVID LUNDBERG	USA	1:05.85
2	DAVID GUTHRIE	USA	1:06.16
3	PHILIPPE CALAIS	USA	1:11.24
4	DETLES SCHMITZ	RSA	1:11.36
5	DAVID TOWN	CAN	1:11.41
6	MICHAEL SLOWEY	USA	1:11.54

7	HOLDEN BANK	USA	1:11.75
8	MICHAEL CASCIATO	USA	1:12.28
9	THOMAS ZEHRER	GER	1:12.31
10	KENT WHITAKER	USA	1:12.97
11	JOHN SULLIVAN	USA	1:13.86
12	DUNCAN BEVERIDGE	GBR	1:14.69
13	REINHARD MAIWALD	GER	1:15.41
14	PETER DARDARIS	USA	1:15.52
15	MATTHEW PAINTER	USA	1:16.26
16	RON PHAFF	NZL	1:16.35
16	JACK EWING	USA	1:16.35
18	HOLGER MAIWALD	GER	1:16.72
19	DAVID PAISON	USA	1:18.24
20	JEFFREY MOXIE	USA	1:18.39
21	DANIEL LOCAS	CAN	1:18.46
22	LARRY SCHUMACHER	USA	1:18.48
23	JOSE PEREIRA	BRA	1:18.50
24	ULISES FLORES	MEX	1:18.92
25	DENIS MARIN	MEX	1:19.00
26	D.CANO DE MIER	MEX	1:19.51
27	STEPHEN YOUNG	AUS	1:19.61
28	SIMON BRADES	GBR	1:19.70
29	THOMAS BOYA	USA	1:20.36
30	STEVEN GREENSTEIN	GBR	1:20.60
31	JAIME MANZANERA	MEX	1:22.99
32	MARTIN STEEN	GBR	1:23.08
33	ARMANDO PERALTA	ARG	1:23.58
34	HUMBERTO GONZALEZ	MEX	1:23.75
35	JOE SHAKE	USA	1:23.89
36	GREGORY DANNECKER	USA	1:25.33
37	GENNARD LANZARA	USA	1:25.97
38	GRAHAM DEVEY	NZL	1:26.54
39	PETER MOWRY	USA	1:26.67
40	RALPH PETRELLI	USA	1:48.16

M E N -- 30-34 -- 200 M. BRST

1	DAVID LUNDBERG	USA	2:24.66
2	DAVID GUTHRIE	USA	2:27.55
3	THOMAS LEUPOLD	GER	2:37.00
4	HOLDEN BANK	USA	2:37.84
5	DETLES SCHMITZ	RSA	2:38.44
6	MICHAEL CASCIATO	USA	2:39.51
7	PHILIPPE CALAIS	USA	2:40.05
8	MICHAEL SLOWEY	USA	2:40.45
9	KENT WHITAKER	USA	2:41.72
10	THOMAS ZEHRER	GER	2:42.92
11	CRAIG DALLAM	USA	2:45.56
12	RON PHAFF	NZL	2:46.16
13	JACK EWING	USA	2:49.87
14	D.CANO DE MIER	MEX	2:50.84
15	DENIS MARIN	MEX	2:51.88
16	JEFFREY MOXIE	USA	2:52.23
17	DAVID PAISON	USA	2:52.54
18	SIMON BRADES	GBR	2:52.80
19	JOSE PEREIRA	BRA	2:55.55
20	THOMAS BOYA	USA	2:55.58
21	DANIEL LOCAS	CAN	2:55.84
22	JAIME MANZANERA	MEX	3:00.03
23	STEVEN GREENSTEIN	GBR	3:01.59
24	ARMANDO PERALTA	ARG	3:06.60
25	PETER MOWRY	USA	3:07.00
26	HUMBERTO GONZALEZ	MEX	3:07.25
27	GREGORY DANNECKER	USA	3:16.47
28	DENNIS SHIRLEY	USA	3:17.44

29 GRAHAM DEVEY NZL 3:18.57

M E N -- 30-34 -- 50 M. FLY

1	ANDRE MICHAUD	CAN	26.38
2	WILLIAM SPECHT	USA	26.44
3	BRYANT LUM	USA	26.74
4	RAMON VOLCAN	VEN	26.79
5	JEFF STILING	USA	27.21
6	DAVID EMERSON	GBR	27.59
7	TED SOLTYS	USA	27.62
8	DAVE GIBSON	USA	27.66
9	YIT ANN LIM	USA	27.74
10	DAVID MALSBUY	USA	27.94
11	HAJIME KUBO	JPN	27.95
12	RUSSELL VANCE	AUS	28.05
13	KEVIN WELTON	USA	28.45
14	MARK BEVERIDGE	USA	28.55
15	MARSHALL LEE	USA	28.62
16	KURT RADECKE	USA	28.71
17	CHARLES GROEN	USA	28.72
18	JONATHAN MANN	USA	28.75
19	DAVID MELVILLE	USA	28.96
20	B.HUESCA HDEZ	MEX	29.06
21	IGOR TCHOVSYKINE	RUS	29.34
22	JAMES LITTLEFIELD	USA	29.39
23	IVAN CUNNINGHAM	AUS	29.62
24	BOB WOOD	USA	29.74
25	JOERG MUELLER	GER	29.80
26	REINHARD MAIWALD	GER	29.86
27	TOM MEADE	USA	29.89
28	DUNCAN BEVERIDGE	GBR	30.13
29	GILBERTO BLENDL	MEX	30.48
30	RAYMOND LOHSL	USA	31.14
31	VLADECIR DORETTO	BRA	31.26
32	DENIS MARIN	MEX	31.31
33	MARTIN STEEN	GBR	31.65
34	ALDO PRETTO	ITA	32.25
35	JAIME MANZANERA	MEX	32.92
36	PETER BOYLAN	GBR	33.66
37	SIMON BRADES	GBR	34.05
38	LUIS BARRERA	MEX	34.13
39	JOHN CHRISTENSON	USA	34.34
40	RICHARD LIWOSZ	USA	36.28
41	JORGE RODRIGUEZ	CAN	36.56

M E N -- 30-34 -- 100 M. FLY

1	JEFF STILING	USA	58.15
2	WILLIAM SPECHT	USA	58.85
3	DAVID EMERSON	GBR	59.44
4	ANDRE MICHAUD	CAN	59.81
5	JAMES LILLEY	USA	1:00.03
6	BRYANT LUM	USA	1:00.58
7	JAY JONES	USA	1:01.85
8	JONATHAN MANN	USA	1:02.01
9	CHARLES GROEN	USA	1:02.11
10	TED SOLTYS	USA	1:02.14
11	HOLDEN BANK	USA	1:02.23
12	KURT RADECKE	USA	1:03.07
13	HOLGER MAIWALD	GER	1:03.76
14	RUSSELL VANCE	AUS	1:03.90
15	DAVE GIBSON	USA	1:04.63
16	DAVID MALSBUY	USA	1:04.82
17	T.NOERRENBURG	GER	1:05.52

SWIMMING RESULTS - MEN

18 GILBERTO BLENDL MEX 1:06.68
19 JAMES BRINKMAN USA 1:06.88
20 JOERG MUELLER GER 1:07.29
21 JAMES LITTLEFIELD USA 1:09.79
22 RIVALDO MARTINS BRA 1:12.21
23 TOM MEADE USA 1:13.55
24 JEROME CHRISTIAN USA 1:19.91
25 ROBERT OETTINGER USA 1:23.14
26 JORGE RODRIGUEZ CAN 1:29.81

M E N -- 30-34 -- 200 M. FLY *****

1 THOMAS SMITH USA 2:13.96
2 DAVID EMERSON GBR 2:14.61
3 ANDREW GRAY RSA 2:15.42
4 MIKE KECK USA 2:19.57
5 JONATHAN MANN USA 2:23.64
6 THOMAS LEUPOLD GER 2:23.88
7 T.NOERRENBERG GER 2:24.19
8 EDDIE FREYHOFF GER 2:25.50
9 HOLGER MAIWALD GER 2:28.56
10 CARLOS HUERTA PER 2:29.34
11 JOERG MUELLER GER 2:32.31
12 RON NIEDRICH USA 2:33.50
13 JAMES BRINKMAN USA 2:35.48
14 VLADECIR DORETTO BRA 2:36.38
15 D.CANO DE MIER MEX 2:36.73
16 B.HUESCA HDEZ MEX 2:43.83
17 MATTHEW LOHSL USA 2:56.89
18 JORGE RODRIGUEZ CAN 3:21.91

M E N -- 30-34 -- 200 M. I.M. *****

1 DAVID LUNDBERG USA 2:10.68
2 JEFF STILING USA 2:14.29
3 MIKE KECK USA 2:15.76
4 DAVID TOWN CAN 2:17.10
5 PETER DARDARIS USA 2:20.90
6 THOMAS LEUPOLD GER 2:21.77
7 DAVID GUTHRIE USA 2:21.93
8 CHARLES GROEN USA 2:22.13
9 KURT RADECKE USA 2:23.29
10 HOLDEN BANK USA 2:23.59
11 ANDRE MICHAUD CAN 2:24.01
12 HAJIME KUBO JPN 2:24.16
13 JONATHAN MANN USA 2:25.00
14 MARSHALL LEE USA 2:25.98
15 JAY JONES USA 2:26.54
16 RON NIEDRICH USA 2:27.53
17 CARLOS HUERTA PER 2:27.78
18 B.HUESCA HDEZ MEX 2:29.08
19 KENT WHITAKER USA 2:30.45
20 RON PHAFF NZL 2:31.61
21 MATTHEW PAINTER USA 2:31.76
22 DAVID MELVILLE USA 2:31.79
23 DENIS MARIN MEX 2:31.95
24 CRAIG DALLAM USA 2:32.15
25 RONALD GROVE NED 2:33.21
26 ULISES FLORES MEX 2:33.59
27 D.CANO DE MIER MEX 2:34.59
28 JAMES BRINKMAN USA 2:37.21
29 JAIME MANZANERA MEX 2:37.28
30 MARK HUFFMAN NZL 2:38.34
31 A.OEHLSCHLAEGEL GER 2:39.51
32 REINHARD MAIWALD GER 2:40.39

33 STEVEN GREENSTEIN GBR 2:43.05
34 THOMAS BOYA USA 2:43.44
35 STEPHEN YOUNG AUS 2:48.58
36 ROBERT OETTINGER USA 2:49.27
37 DENNIS SHIRLEY USA 2:58.62

M E N -- 30-34 -- 400 M. I.M. *****

1 DAVID LUNDBERG USA 4:40.44
2 THOMAS SMITH USA 4:52.90
3 ANDREW GRAY RSA 4:55.00
4 MIKE KECK USA 4:56.68
5 ROBERT HUDEK USA 5:00.08
6 THOMAS LEUPOLD GER 5:04.45
7 JONATHAN MANN USA 5:07.04
8 SCOTT SHAKE USA 5:10.07
9 HAJIME KUBO JPN 5:13.93
10 T.NOERRENBERG GER 5:14.39
11 EDDIE FREYHOFF GER 5:16.17
12 KURT RADECKE USA 5:17.44
13 CARLOS HUERTA PER 5:20.93
14 MARSHALL LEE USA 5:21.20
15 RON NIEDRICH USA 5:22.53
16 B.HUESCA HDEZ MEX 5:24.61
17 D.CANO DE MIER MEX 5:30.46
18 RONALD GROVE NED 5:32.27
19 GILBERTO BLENDL MEX 5:33.00
20 RON PHAFF NZL 5:33.46
21 JAMES BRINKMAN USA 5:36.10
22 DAVID MELVILLE USA 5:40.17
23 VLADECIR DORETTO BRA 5:52.85
24 R.NIEUWENDIJK NED 5:55.25
25 MATTHEW LOHSL USA 5:59.42

M E N -- 35-39 -- 50 M. FREE *****

1 ALEXEI MARKOVSKY RUS 24.56
2 STU MARVIN USA 24.95
3 WILL ARTLEY USA 25.29
4 ROGER KAHN USA 25.31
5 WILLIAM VICKERY USA 25.32
6 RICHARD HESS USA 25.44
7 BRYAN AUSTIN USA 25.57
8 DAVID HAGUE USA 25.58
9 GREGORY SMITH USA 25.64
10 JAMES MONTGOMERY USA 25.67
11 TIM GLENN USA 25.76
12 DAVID DUNNE GBR 26.02
13 ROBERT KROTEE USA 26.21
14 FRITZ WARNCKE NOR 26.30
15 KARL KAZMAIER USA 26.35
16 VILEM CEJKA CZE 26.37
17 NIGEL CONES RSA 26.40
18 LUIS EDICAECHEA VEN 26.68
19 JOE SCHUSTER USA 26.88
20 JORGE DELGADO ECU 27.01
21 DAVID WALTERS USA 27.07
22 DARRELL SMITH USA 27.12
23 DAVID WESLEY USA 27.23
24 MICHAEL DITCH USA 27.25
25 WILLIE HEMPEL IRL 27.28
26 ROBERT THOMAS USA 27.31
27 JONATHAN MORGAN BRA 27.41
28 KARL JOYCE USA 27.42
29 GLEN ANDERSON CAN 27.55

30 RIC JOHNSON USA 27.63
31 JORDAN HATCH USA 27.66
32 NEIL CULLEY USA 27.72
33 DOUG MALCOLM USA 28.24
34 LARRY LEMAIRE USA 28.31
35 JARRETT NEWBY USA 28.42
36 MARTIN MOONEY NZL 28.66
37 SCOT HARTLE USA 28.78
38 GARRY BRISTOW RSA 29.22
39 IAN WOOLLARD GBR 29.35
40 JUAN ABRAHAM USA 29.43
41 EMIL EICHENBERGER SUI 29.62
42 DAVID SMITH USA 29.64
43 ANDY CHAPMAN GBR 29.86
44 M.CALMON GAMA BRA 30.21
45 THOMAS PURVIS USA 30.65
46 HORACIO DEL BOSCO ARG 30.71
47 CALVIN FEY USA 30.80
48 WAYNE STONE USA 30.94
49 ALDO DI CESARE NZL 30.99
50 NEALE SOPER NZL 31.61
51 FRANCOIS RENAUDIE FRA 31.80
52 DAVID FARRELL USA 32.18
53 VINCE OLEARY USA 32.48
54 TIMOTHY CARROLL USA 32.65
55 CLIVE LEWIS GBR 32.69

M E N -- 35-39 -- 100 M. FREE *****

1 JAMES MONTGOMERY USA 54.28
2 STU MARVIN USA 54.43
3 DAN STEPHENSEN USA 54.46
4 WILL ARTLEY USA 54.96
5 RICHARD HESS USA 55.65
6 BRYAN AUSTIN USA 55.77
7 DAVID DUNNE GBR 56.00
8 TIM GLENN USA 56.27
9 DAVID HAGUE USA 56.58
10 ROGER KAHN USA 56.91
10 VILEM CEJKA CZE 56.91
12 MARK LIST USA 57.17
13 WILLIAM VICKERY USA 57.30
14 FRITZ WARNCKE NOR 57.39
15 GREGORY SMITH USA 57.40
16 MICHAEL MANN USA 57.48
17 DAN STRIEBEL USA 57.90
18 JONATHAN MORGAN BRA 58.17
19 WILLIE HEMPEL IRL 58.19
20 NIGEL CONES RSA 58.75
21 ROBERT KROTEE USA 58.81
22 CRAIG STEVENS USA 59.28
23 GLEN ANDERSON CAN 59.61
24 J.BLUMENTHAL USA 59.69
25 JORDAN HATCH USA 59.70
26 LUIS EDICAECHEA VEN 59.98
27 KARL JOYCE USA 1:00.00
28 KARL KAZMAIER USA 1:00.14
29 MICHAEL DITCH USA 1:00.51
30 JOHN PHILLIPS USA 1:00.65
31 NEIL CULLEY USA 1:00.74
32 JARRETT NEWBY USA 1:01.40
33 DAVID WALTERS USA 1:01.41
34 JOSEPH MAGIERA USA 1:01.75
35 ROBERT WRIGHT USA 1:02.13
36 AKIHIRO TAIMURA JPN 1:02.59

SWIMMING RESULTS - MEN

37 SCOT HARTLE USA 1:03.90
38 RICHARD HAGER AUS 1:04.12
39 EMIL EICHENBERGER SUI 1:04.41
40 DAVID WESLEY USA 1:04.42
41 MIKE STATEN USA 1:04.50
42 MARK JUENEMANN USA 1:04.72
43 DAVID SMITH USA 1:05.74
44 IAN WOOLLARD GBR 1:05.97
45 M.CALMON GAMA BRA 1:06.78
46 ROB MCCARTNEY AUS 1:07.36
47 NEALE SOPER NZL 1:09.59
48 WAYNE STONE USA 1:10.34
49 FRANCOIS RENAUDIE FRA 1:10.87
50 ALDO DI CESARE NZL 1:11.01
51 DAVID FARRELL USA 1:12.23
52 CALVIN FEY USA 1:12.24
53 CLIVE LEWIS GBR 1:13.75
54 VINCE OLEARY USA 1:14.51
55 DANIEL SELBIE NZL 1:17.18

***** M E N -- 35-39 -- 200 M. FREE *****

1 DAN STEPHENSEN USA 1:57.95
2 STU MARVIN USA 2:02.76
3 DAVID SHEPHERD USA 2:02.78
4 JAMES BELARDI USA 2:03.37
5 DAVID DUNNE GBR 2:03.61
6 TIM GLENN USA 2:04.56
7 JONATHAN MORGAN BRA 2:06.40
8 LARRY WOOD USA 2:07.11
9 MICHAEL MANN USA 2:07.21
10 JORGE DELGADO ECU 2:07.46
11 TIM HARVEY USA 2:08.02
12 WILLIE HEMPEL IRL 2:08.61
13 HOWARD JAY USA 2:09.92
14 VILEM CEJKA CZE 2:12.10
15 DARRELL SMITH USA 2:14.09
16 JORDAN HATCH USA 2:14.11
17 ROBERT WRIGHT USA 2:14.19
18 MICHAEL DITCH USA 2:16.05
19 JORGE MAYERLE BRA 2:21.48
20 STEVEN SOKOLOV USA 2:21.96
21 MARK JUENEMANN USA 2:22.22
22 RICHARD HAGER AUS 2:22.52
23 ROB MCCARTNEY AUS 2:25.57
24 BRIAN CROKER CAN 2:28.28
25 EMIL EICHENBERGER SUI 2:28.64
26 STEPHEN JUSTINGER USA 2:29.48
27 M.CALMON GAMA BRA 2:30.93
28 MAX HENRY USA 2:33.10
29 FRANCOIS RENAUDIE FRA 2:38.05
30 NEALE SOPER NZL 2:42.13
31 WAYNE STONE USA 2:45.00
32 VINCE OLEARY USA 2:46.87
33 BRYAN JOHNSON USA 2:50.62
34 DANIEL SELBIE NZL 2:52.92
35 CLIVE LEWIS GBR 3:05.01
36 JOSE CRUZ LEON MEX 4:07.71

***** M E N -- 35-39 -- 400 M. FREE *****

1 DAN STEPHENSEN USA 4:15.49
2 JAMES MONTGOMERY USA 4:19.99
3 DAVID SHEPHERD USA 4:21.54
4 MICHAEL MANN USA 4:28.86

5 TIM HARVEY USA 4:31.39
6 JONATHAN MORGAN BRA 4:32.02
7 HOWARD JAY USA 4:32.44
8 ROB COPELAND USA 4:33.17
9 WILLIE HEMPEL IRL 4:33.87
10 PAUL SANTOS BRA 4:35.10
11 LARRY WOOD USA 4:36.02
12 JORGE DELGADO ECU 4:36.79
13 EDDIE RIACH GBR 4:38.61
14 ROBERT WRIGHT USA 4:42.17
15 CRAIG STEVENS USA 4:46.13
16 JORDAN HATCH USA 4:46.34
17 J.BLUMENTHAL USA 4:50.49
18 DAN STRIEBEL USA 4:58.75
19 IVAN CEGAN CZE 5:00.72
20 JORGE MAYERLE BRA 5:05.36
21 MARK JUENEMANN USA 5:07.47
22 AKIHIRO TAIMURA JPN 5:12.10
23 MARTY VEEN NZL 5:12.12
24 MARTIN MOONEY NZL 5:17.65
25 RICHARD HAGER AUS 5:19.38
26 MIKE STATEN USA 5:20.28
27 JUAN ABRAHAM USA 5:20.46
28 BRIAN CROKER CAN 5:33.23
29 FRANCOIS RENAUDIE FRA 5:38.15
30 BERRY BROWN USA 5:49.48
31 NEALE SOPER NZL 5:54.33
32 DANIEL SELBIE NZL 6:07.58
33 CLIVE LEWIS GBR 6:36.11
34 JOSE CRUZ LEON MEX 8:13.98

***** M E N -- 35-39 -- 800 M. FREE *****

1 DAN STEPHENSEN USA 8:52.22
2 DAVID SHEPHERD USA 9:09.52
3 TIM HARVEY USA 9:16.75
4 HOWARD JAY USA 9:26.14
5 TIM GLENN USA 9:30.14
6 JONATHAN MORGAN BRA 9:35.40
7 PAULO SANTOS BRA 9:41.23
8 WILLIE HEMPEL IRL 9:41.48
9 LARRY WOOD USA 9:43.15
10 NIGEL CONES RSA 9:51.28
11 ROBERT WRIGHT USA 9:52.86
12 MARTY VEEN NZL 10:16.00
13 JOHN PHILLIPS USA 10:21.31
14 STEVEN SOKOLOV USA 10:46.56
15 JORGE MAYERLE BRA 10:51.54
16 AKIHIRO TAIMURA JPN 10:52.18
17 STEPHEN JUSTINGER USA 10:53.70
18 BOB DICKSON USA 10:55.00
19 RICHARD HAGER AUS 10:55.67
20 ROB MCCARTNEY AUS 11:20.36
21 BRIAN CROKER CAN 11:35.73
22 BOB MCFALL USA 11:44.74
23 FRANCOIS RENAUDIE FRA 11:52.15
24 BRYAN JOHNSON USA 12:03.71
25 HARCO HERNANDEZ VEN 12:09.02
26 NEALE SOPER NZL 12:17.14
27 JOSE CRUZ LEON MEX 17:00.79

***** M E N -- 35-39 -- 50 M. BACK *****

1 MARK LIST USA 29.09
2 STU MARVIN USA 29.78

3 WILL ARTLEY USA 30.26
4 SERGEY LIPSKY RUS 30.28
5 EDDIE RIACH GBR 30.33
6 MICHAEL STAMM USA 30.39
7 RICK SCHACKLE USA 30.63
8 DAVID WALTERS USA 30.82
9 DAVID VANDAM USA 31.06
10 ROBERT KROTEE USA 31.24
11 GLEN ANDERSON CAN 31.58
12 VILEM CEJKA CZE 32.44
13 LOU HORWITZ USA 32.56
14 JOHN PHILLIPS USA 32.66
15 MARK JUENEMANN USA 34.13
16 BOB MCCARTNEY AUS 34.26
17 BILL STAMBAUGH USA 35.02
18 HORACIO DEL BOSCO ARG 36.62
19 WAYNE STONE USA 36.85
20 ALDO DI CESARE NZL 37.26
21 MICHAEL CORDOVA USA 37.92
22 DREW DARLING USA 37.96
23 HARCO HERNANDEZ VEN 40.18

***** M E N -- 35-39 -- 100 M. BACK *****

1 WILL ARTLEY USA 1:02.66
2 MARK LIST USA 1:03.23
3 STU MARVIN USA 1:03.99
4 EDDIE RIACH GBR 1:05.07
5 RICK SCHACKLE USA 1:05.46
6 MICHAEL STAMM USA 1:06.59
7 DAVID VANDAM USA 1:07.56
8 ROBERT KROTEE USA 1:08.26
9 JOHN PHILLIPS USA 1:08.38
10 RICK BROWN USA 1:08.66
11 SERGEY LIPSKY RUS 1:08.96
12 GLEN ANDERSON CAN 1:09.38
13 DAVID WALTERS USA 1:09.69
14 LOU HORWITZ USA 1:11.03
15 JONATHAN MORGAN BRA 1:13.04
16 MARK JUENEMANN USA 1:13.77
17 JORDAN HATCH USA 1:13.99
18 ROB MCCARTNEY AUS 1:14.78
19 BILL STAMBAUGH USA 1:17.50
20 STEVEN SOKOLOV USA 1:18.38
21 HORACIO DEL BOSCO ARG 1:19.48
22 RICHARD CATER USA 1:21.12
23 MICHAEL CORDOVA USA 1:22.40
24 DREW DARLING USA 1:22.79
25 THOMAS PURVIS USA 1:24.39

***** M E N -- 35-39 -- 200 M. BACK *****

1 MARK LIST USA 2:16.23
2 RICK SCHACKLE USA 2:20.12
3 EDDIE RIACH GBR 2:21.67
4 STU MARVIN USA 2:27.27
5 MICHAEL STAMM USA 2:27.42
6 JOHN PHILLIPS USA 2:31.37
7 GLEN ANDERSON CAN 2:31.80
8 DAN STRIEBEL USA 2:35.65
9 ARTHUR LORENTSEN USA 2:37.85
10 MARK JUENEMANN USA 2:41.97
11 ROB MCCARTNEY AUS 2:45.90
12 BILL STAMBAUGH USA 2:47.14
13 HORACIO DEL BOSCO ARG 2:55.15

SWIMMING RESULTS - MEN

14 DREW DARLING USA 2:58.04
15 MICHAEL CORDOVA USA 3:01.87
16 HARCO HERNANDEZ VEN 3:13.74
17 ANDY DONATO USA 3:20.22

M E N -- 35-39 -- 50 M. BRST

1 DOUG MALCOLM USA 30.79
2 VLADIMIR DEMENTEV RUS 31.23
3 GREGORY SMITH USA 31.25
4 RIC HOFSTETTER USA 31.79
5 STUART CORLISS USA 31.82
6 TIMOTHY SHEAD RSA 31.94
7 KARL KAZMAIER USA 32.76
8 JURGEN SCHRICK GER 32.85
9 GEOFF EAGLES GBR 33.32
10 JOHN HARKER RSA 33.40
11 JOE SCHUSTER USA 33.59
12 DAVID WESLEY USA 33.61
13 ALDO DI CESARE NZL 35.62
14 KARL JOYCE USA 35.75
15 DALE LOADER AUS 35.81
16 JOSEPH MAGIERA USA 35.85
17 JARRETT NEWBY USA 36.36
18 JUAN ABRAHAM USA 37.01
19 MARTIN MOONEY NZL 37.02
20 STEVEN DUEBALL USA 37.05
21 R.MASKAVIZAN ARG 37.17
22 BRUCE LAZARUS USA 37.99
23 MICHAEL CORDOVA USA 38.21
24 DAVID SPAETHE USA 38.74
25 VINCE OLEARY USA 43.19

M E N -- 35-39 -- 100 M. BRST

1 MARK SCHUMAN USA 1:07.90
2 DOUG MALCOLM USA 1:09.80
3 GREGORY SMITH USA 1:10.43
4 STUART CORLISS USA 1:10.73
5 TIMOTHY SHEAD RSA 1:11.26
6 JOHN HARKER RSA 1:12.62
7 VLADIMIR DEMENTEV RUS 1:13.04
8 KARL KAZMAIER USA 1:13.44
9 JURGEN SCHRICK GER 1:14.39
10 DAVID WESLEY USA 1:14.40
11 GEOFF EAGLES GBR 1:14.50
12 PATRICK DIBIASE USA 1:16.02
13 ROBERT YANT USA 1:16.42
14 JOE SCHUSTER USA 1:16.96
15 PHILLIP BLY USA 1:17.88
16 DALE LOADER AUS 1:18.62
17 JARRETT NEWBY USA 1:20.36
18 KARL JOYCE USA 1:20.87
19 JOSEPH MAGIERA USA 1:20.95
20 JOHN BRITT USA 1:21.73
21 R.MASKAVIZAN ARG 1:22.06
22 BRUCE LAZARUS USA 1:22.61
23 ALDO DI CESARE NZL 1:23.11
24 RICHARD CATER USA 1:23.23
25 BRIAN CROKER CAN 1:24.94
26 MICHAEL CORDOVA USA 1:25.85
27 DAVID SPAETHE USA 1:28.71
28 JOE RAUCH USA 1:29.35
29 CHRIS BERRIEN USA 1:31.19
30 DAVID FARRELL USA 1:37.62

M E N -- 35-39 -- 200 M. BRST

1 MARK SCHUMAN USA 2:33.05
2 STUART CORLISS USA 2:35.37
3 GREGORY SMITH USA 2:40.23
4 TIMOTHY SHEAD RSA 2:41.04
5 JOHN HARKER RSA 2:41.87
6 GEOFF EAGLES GBR 2:45.39
7 JURGEN SCHRICK GER 2:45.77
8 PATRICK DIBIASE USA 2:47.17
9 DALE LOADER AUS 2:47.87
10 DAVID WESLEY USA 2:48.83
11 ROBERT YANT USA 2:49.40
12 JOE SCHUSTER USA 2:53.06
13 R.MASKAVIZAN ARG 2:55.89
14 JOHN BRITT USA 2:59.27
15 JORGE MAYERLE BRA 3:01.43
16 RICHARD CATER USA 3:02.52
17 BRIAN CROKER CAN 3:06.71
18 ALDO DI CESARE NZL 3:10.52
19 DAVID SPAETHE USA 3:15.61
20 HARCO HERNANDEZ VEN 3:16.81
21 JOE RAUCH USA 3:20.08
22 MAX HENRY USA 3:25.71
23 ANDY DONATO USA 3:36.99

M E N -- 35-39 -- 50 M. FLY

1 MARK SCHUMAN USA 26.41
2 ALEXEI MARKOVSKY RUS 26.59
3 JAMES BELARDI USA 26.87
4 DAVID HAGUE USA 26.94
5 CHARLES NORELLI USA 27.01
6 ROGER KAHN USA 27.45
6 JAMES MONTGOMERY USA 27.45
8 WILL ARTLEY USA 27.64
9 RICHARD HESS USA 27.65
10 DARRELL SMITH USA 27.85
11 NIGEL CONES RSA 28.15
12 REED FARRIS USA 28.23
13 JORGE DELGADO ECU 28.25
14 TIMOTHY SHEAD RSA 28.42
15 WILLIAM VICKERY USA 28.55
16 GREGORY SMITH USA 28.80
17 JOHN CRAIG USA 28.85
18 LUIS EDICAECHEA VEN 28.96
19 RIC JOHNSON USA 29.26
20 LARRY LOVELACE USA 29.33
21 MICHAEL DITCH USA 29.65
22 DAVID WALTERS USA 30.12
22 GUNTER GOTTFRIED GER 30.12
24 SCOT HARTLE USA 30.13
25 ANDY CHAPMAN GBR 30.20
26 AKIHIRO TAIMURA JPN 30.25
27 LARRY LEMAIRE USA 30.34
28 JOSEPH MAGIERA USA 30.45
29 IAN WOOLLARD GBR 30.55
30 JUAN ABRAHAM USA 31.47
31 CARLO FERREIRA USA 32.64
32 MIKE TROY USA 32.72
33 ANDY DONATO USA 33.32
34 M.CALMON GAMA BRA 33.56
35 DREW DARLING USA 33.57
36 MAX HENRY USA 35.49

37 THOMAS PURVIS USA 35.93
38 CHRIS BERRIEN USA 36.08
39 NEALE SOPER NZL 39.55

M E N -- 35-39 -- 100 M. FLY

1 JAMES BELARDI USA 58.08
2 MARK SCHUMAN USA 58.68
3 CHARLES WORELLI USA 59.39
4 STUART CORLISS USA 59.98
5 RICHARD HESS USA 1:00.79
6 RICK SCHACKLE USA 1:01.63
7 DARRELL SMITH USA 1:02.38
8 REED FARRIS USA 1:02.69
9 DAVID HAGUE USA 1:03.09
10 JOHN CRAIG USA 1:04.01
11 NIGEL CONES RSA 1:04.37
12 LARRY LOVELACE USA 1:05.67
13 GUNTER GOTTFRIED GER 1:06.26
14 LUIS EDICAECHEA VEN 1:06.64
15 BILL KEATING USA 1:06.95
16 ROBERT WRIGHT USA 1:08.06
17 ANDY CHAPMAN GBR 1:08.33
18 PETR DASTLIK CZE 1:08.87
19 MICHAEL DITCH USA 1:08.92
20 IVAN CEGAN CZE 1:10.20
21 SCOT HARTLE USA 1:13.40
22 MARK GULOW USA 1:14.63
23 EMIL EICHENBERGER SUI 1:15.58
24 ANDY DONATO USA 1:23.94
25 M.CALMON GAMA BRA 1:25.64

M E N -- 35-39 -- 200 M. FLY

1 JAMES BELARDI USA 2:09.18
2 DAN STEPHENSEN USA 2:15.93
3 DAVID SHEPHERD USA 2:17.68
4 HOWARD JAY USA 2:19.59
5 PAUL SANTOS BRA 2:21.16
6 DAVID VANDAM USA 2:22.92
7 ROB COPELAND USA 2:24.60
8 NEIL WASSERMAN USA 2:28.09
9 ROBERT WRIGHT USA 2:28.70
10 NIGEL CONES RSA 2:30.71
11 ANDY CHAPMAN GBR 2:33.71
12 JORGE DELGADO ECU 2:34.66
13 PETR DASTLIK CZE 2:36.28
14 RICHARD JORDAN USA 2:38.11
15 JAN HUNEKE USA 2:39.41
16 IVAN CEGAN CZE 2:41.05
17 MARTY VEEN NZL 2:44.74
18 GUNTER GOTTFRIED GER 2:46.54
19 DALE LOADER AUS 2:53.76
20 M.CALMON GAMA BRA 3:13.31
21 ANDY DONATO USA 3:29.05

M E N -- 35-39 -- 200 M. I.M.

1 MARK SCHUMAN USA 2:16.49
2 STUART CORLISS USA 2:18.55
3 RICHARD HESS USA 2:20.97
4 TIMOTHY SHEAD RSA 2:23.01
5 EDDIE RIACH GBR 2:24.05
6 PAULO SANTOS BRA 2:25.21
7 MICHAEL MANN USA 2:25.51

SWIMMING RESULTS - MEN

8	HOWARD JAY	USA	2:25.63	16	LEE EISINGER	USA	27.80	21	J. HEKIMIAN	FRA	1:03.24
9	REED FARRIS	USA	2:25.78	17	ED KENNEHAN	USA	27.89	22	TOM MEADE	USA	1:03.34
10	NEIL WASSERMAN	USA	2:26.29	18	J. HEKIMIAN	FRA	27.90	23	PARTICK SAVAGE	USA	1:03.64
11	LARRY WOOD	USA	2:29.55	19	LAWRENCE BARBIERE	USA	28.20	24	BRENT CATCHPOLE	CAN	1:03.84
12	MICHAEL STAMM	USA	2:30.40	20	STEVE MANN	USA	28.40	25	JORGE GONZALEZ	USA	1:04.24
13	ROGER KAHN	USA	2:31.67	21	BRENT CATCHPOLE	CAN	28.47	26	JOHN DOWNER	USA	1:04.44
14	ROBERT THOMAS	USA	2:35.82	21	KLAUS MERTEN	GER	28.47	27	CELIO AMARAL	BRA	1:05.01
15	AKIHIRO TAIMURA	JPN	2:35.95	23	KURT ROSEN	GER	28.58	28	RICHARD SIDNER	USA	1:05.03
16	MARTY VEEN	NZL	2:36.96	24	PETER NICKODEM	JPN	28.60	29	STEVE MANN	USA	1:05.07
17	IVAN CEGAN	CZE	2:38.25	25	LEONARD BROCKHAHN	USA	28.69	30	JIM MILLER	USA	1:05.19
18	JURGEN SCHRICK	GER	2:38.48	26	TRUETT SMITH	USA	28.91	31	TRUETT SMITH	USA	1:05.75
19	RICK BROWN	USA	2:38.80	27	RICHARD CHANEY	USA	29.09	32	TOM STEARNS	USA	1:05.78
20	MARK GULOW	USA	2:39.16	28	RICHARD SIDNER	USA	29.14	33	JOHN MCNELLIS	USA	1:05.96
21	SERGEY LIPSKY	RUS	2:40.17	28	JIM MILLER	USA	29.14	34	WILLIAM CERNY	USA	1:06.12
22	MIKE TROY	USA	2:47.97	30	JORGE GONZALEZ	USA	29.22	34	DONALD CARLSON	USA	1:06.12
23	HORACIO DEL BOSCO	ARG	3:02.00	31	JUAN PENA VAZQUEZ	MEX	29.62	36	PETER NICKODEM	JPN	1:06.91
24	JOE RAUCH	USA	3:02.56	32	JAMES MCNIECE	USA	29.64	37	JOHN BURTON	GBR	1:07.25
25	MAX HENRY	USA	3:04.13	33	DONALD CARLSON	USA	29.66	38	TERRY LAUGHLIN	USA	1:07.69
26	THOMAS PURVIS	USA	3:06.50	34	DAVID HILLS	GBR	29.76	39	MITSUO SAITO	JPN	1:07.81
27	HARCO HERNANDEZ	VEN	3:07.02	35	FRANCOIS DU TOIT	RDA	29.78	40	JUAN PENA VAZQUEZ	MEX	1:08.27
28	DANIEL SELBIE	NZL	3:22.11	36	CELIO AMARAL	BRA	29.92	41	MICHAEL SHUCK	USA	1:08.56
29	CHRIS BERRIEN	USA	3:29.96	37	ROBERT JOYCE	USA	29.98	42	DAVID MORRILL	VEN	1:08.79
*****				38	JAY CASEY	USA	30.04	43	JAY CASEY	USA	1:08.98
M E N -- 35-39 -- 400 M. I.M.				39	DAVID MORRILL	VEN	30.15	44	MICHAEL SCHELL	USA	1:09.07
*****				40	JOHN MCNELLIS	USA	30.32	45	GRAHAM ANNEAR	AUS	1:09.24
1	JAMES BELARDI	USA	4:55.13	41	GEORGE JAY	USA	30.76	46	JOHN FERRARI	USA	1:09.40
2	STUART CORLISS	USA	4:58.92	42	DENNIS MCMANUS	USA	30.87	47	TAKASHI KIMURA	JPN	1:09.76
3	DAVID SHEPHERD	USA	5:02.97	43	DANIEL LEVI	ARG	30.89	48	DANIEL LEVI	ARG	1:09.97
4	RICK SCHACKLE	USA	5:05.91	44	KENT CARNEY	USA	30.92	49	JOHN PATTEN	USA	1:11.36
5	MICHAEL MANN	USA	5:08.25	45	JOHN PATTEN	USA	31.39	50	DOUG MUNN	CAN	1:11.77
6	PAUL SANTOS	BRA	5:09.50	46	MICHAEL SCHELL	USA	31.42	51	BILL MITCHELL	GBR	1:12.43
7	DAVID VANDAM	USA	5:11.59	47	JOHN FERRARI	USA	31.61	52	KHIN SYN YONG	HKG	1:12.60
8	TIMOTHY SHEAD	RSA	5:13.07	48	JAMES RUCKER	USA	31.72	53	JAMES RUCKER	USA	1:12.80
9	REED FARRIS	USA	5:16.50	49	JOHN MILLER	USA	31.94	54	GEORGE JAY	USA	1:12.94
10	LARRY WOOD	USA	5:19.09	50	DAVID MURPHY	CAN	32.72	55	JULIO MORETTI	ARG	1:13.88
11	ROBERT YANT	USA	5:27.21	51	ALAN MILLER	USA	33.42	56	JOSE NOVELLO	ARG	1:20.35
12	MARTY VEEN	NZL	5:33.87	52	DONALD DOTLICH	USA	34.50	57	DONALD HAAG	USA	1:22.02
13	JAN HUNEKE	USA	5:38.05	53	JOSE NOVELLO	ARG	34.55	58	CHUCK CIGRAND	USA	1:26.14
14	IVAN CEGAN	CZE	5:39.35	54	DONALD HAAG	USA	34.64	59	JOSEPH ABRAHAM	USA	1:27.61
15	AKIHIRO TAIMURA	JPN	5:49.63	55	JOSEPH ABRAHAM	USA	37.78	59	JOSEPH ABRAHAM	USA	1:27.61
16	STEVEN SOKOLOW	USA	6:03.83	56	DAVID LESLIE	CAN	40.50	61	DAVID LESLIE	CAN	1:30.27
17	JOHN BRITT	USA	6:05.89	57	KENJI TAKAMURA	JPN	50.72	62	DAVID HILLS	GBR	1:-5.22
18	RICHARD CATER	USA	6:07.44	*****				*****			
19	PETR DASTLIK	CZE	6:07.83	M E N -- 40-44 -- 100 M. FREE				M E N -- 40-44 -- 200 M. FREE			
20	BRIAN CROKER	CAN	6:16.78	*****				*****			
21	ANDY DONATO	USA	6:39.13	1	TERENCE DOWNES	RSA	56.01	1	TERENCE DOWNES	RSA	2:05.42
22	HARCO HERNANDEZ	VEN	6:48.92	2	TOM WHATLEY	USA	56.83	2	ROBERT STRAUSS	USA	2:06.26
*****				3	ROBERT STRAUSS	USA	58.01	3	YURI NIKOLAEV	RUS	2:07.96
M E N -- 40-44 -- 50 M. FREE				4	YURI NIKOLAEV	RUS	58.04	4	TOM WHATLEY	USA	2:09.30
*****				5	TYRONE TOZER	RSA	58.61	5	DAVID TANNER	USA	2:09.48
1	TOM WHATLEY	USA	24.93	6	DAVE FARMER	BAR	59.05	6	TYRONE TOZER	RSA	2:09.77
2	TERENCE DOWNES	RSA	25.46	7	DAVID TANNER	USA	1:00.02	7	STEPHEN JOHNSON	USA	2:13.10
3	BRYAN BATEMAN	USA	25.99	8	RICHARD BOBER	USA	1:00.05	8	RICHARD BALL	USA	2:16.78
4	C. MILTENBERGER	USA	26.04	9	GORDON CLARK	GBR	1:00.78	9	RICHARD HAAS	USA	2:16.96
5	KURT GERHARDT	USA	26.68	10	MICHAEL KOONIN	USA	1:01.27	10	FRANK THOMPSON	USA	2:17.23
6	DAVE FARMER	BAR	26.81	11	JOHN OSTERLOH	USA	1:01.47	11	NEIL HICKEY	AUS	2:17.27
7	JACQUES LABOUTE	FRA	27.01	12	KURT GERHARDT	USA	1:01.52	12	WILLIAM REID	USA	2:18.19
8	TOM MEADE	USA	27.06	13	STEPHEN BOSTER	USA	1:01.66	13	IVAN MYALL	GBR	2:18.62
9	GORDON CLARK	GBR	27.23	14	LEE EISINGER	USA	1:02.19	14	GAARD ARNESON	USA	2:19.21
10	MICHAEL KOONIN	USA	27.45	15	IVAN MYALL	GBR	1:02.31	15	JORGE GONZALEZ	USA	2:19.58
11	JOHN DOWNER	USA	27.46	16	JOHN SHRUM	USA	1:02.43	16	LEONARD BROCKHAHN	USA	2:21.25
12	ROGER JONES	USA	27.48	17	LEONARD BROCKHAHN	USA	1:02.79	17	WILLIAM CERNY	USA	2:23.26
13	JORGE URRETA	MEX	27.55	18	KLAUS MERTEN	GER	1:02.81	18	GRAHAM ANNEAR	AUS	2:29.44
14	KIN YUEN CHAN	HKG	27.60	19	WILLIAM REID	USA	1:02.91	19	JOHN FERRARI	USA	2:29.65
15	JAMES BEAM	USA	27.74	20	JAMES BEAM	USA	1:03.14	20	DAVID SPAULDING	USA	2:30.03

SWIMMING RESULTS - MEN

21	MICHAEL SCHELL	USA	2:31.50	4	DAVID TANNER	USA	9:56.05	6	KHAN MOSHARRAF	BAN	1:08.92
22	ROGER BEHLER	USA	2:32.52	5	JORGE URRETA	MEX	9:57.37	7	JORGE URRETA	MEX	1:09.12
23	JIM MILLER	USA	2:33.84	6	JAMES BAYLES	USA	9:59.68	8	TOD SPIEKER	USA	1:09.37
24	GEORGE JAY	USA	2:36.00	7	STEPHEN JOHNSON	USA	10:01.09	9	TOM STEARNS	USA	1:09.77
25	DAVID MORRILL	VEN	2:36.64	8	NEIL HICKEY	AUS	10:02.07	10	WILLIAM TINGLEY	USA	1:10.01
26	JULIO MORETTI	ARG	2:37.19	9	JORGE GONZALEZ	USA	10:04.28	11	GORDON CLARK	GBR	1:10.79
27	GEORGE BOWLIN	USA	2:40.60	10	GAARD ARNESON	USA	10:06.43	12	STEVE MANN	USA	1:11.36
28	DAVID MURPHY	CAN	2:41.79	11	FRANK THOMPSON	USA	10:10.25	13	ROBERT GIRVIN	USA	1:11.62
29	CHEN CHIN-CHU	TPE	2:47.15	12	WILLIAM CERNY	USA	10:21.58	14	RICHARD CHANEY	USA	1:12.93
30	JAMES RUCKER	USA	2:50.97	13	IVAN MYALL	GBR	10:47.96	15	FRANK THOMPSON	USA	1:13.00
30	JAMES RUCKER	USA	2:50.97	14	GRAHAM ANNEAR	AUS	10:55.48	16	IVAN MYALL	GBR	1:13.09
32	JOHN HOENER	USA	3:02.94	15	DAVID SPAULDING	USA	11:10.57	17	DAVE FARMER	BAR	1:13.35
33	DANIEL MORALES	MEX	3:16.95	16	ROGER BEHLER	USA	11:27.65	18	KIN YUEN CHAN	HKG	1:13.44
34	JOSEPH ABRAHAM	USA	3:19.70	17	MICHAEL SCHELL	USA	11:29.41	19	FRANCISCO ALENCAR	BRA	1:17.92
35	DAVID LESLIE	CAN	3:36.42	18	GEORGE JAY	USA	11:45.46	20	JIM MILLER	USA	1:20.34
*****				19	BILL MITCHELL	GBR	11:52.23	21	PETER NICKODEM	JPN	1:21.59
M E N -- 40-44 -- 400 M. FREE				20	DONALD DOTLICH	USA	12:35.20	22	DOUG MUNN	CAN	1:25.69
*****				21	DAVID MURPHY	CAN	12:40.72	*****			
1	LORENZO MARUGO	ITA	4:31.17	22	DANIEL MORALES	MEX	14:50.53	M E N -- 40-44 -- 200 M. BACK			
2	YURI NIKOLAEV	RUS	4:31.59	*****				*****			
3	ROBERT STRAUSS	USA	4:31.78	M E N -- 40-44 -- 50 M. BACK				1	CHUCK WOLFF	USA	2:23.66
4	TYRONE TOZER	RSA	4:37.04	*****				2	RICHARD BOBER	USA	2:24.25
5	STEPHEN JOHNSON	USA	4:47.33	1	CHUCK WOLFF	USA	30.25	3	TERENCE DOWNES	RSA	2:28.31
6	NEIL HICKEY	AUS	4:48.10	2	RICHARD BOBER	USA	30.47	4	KURT MOEHLMANN	USA	2:29.52
7	DAVID TANNER	USA	4:48.63	3	SERGEI ARTEMIEV	RUS	30.77	5	TOD SPIEKER	USA	2:30.12
8	JAMES BAYLES	USA	4:48.85	4	LAWRENCE BARBIERE	USA	30.95	6	LAWRENCE BARBIERE	USA	2:30.31
9	DAVID OWEN	USA	4:52.12	5	TERENCE DOWNES	RSA	31.04	7	FRANK THOMPSON	USA	2:31.97
10	WILLIAM CERNY	USA	4:52.20	6	KHAN MOSHARRAF	BAN	31.23	8	JORGE URRETA	MEX	2:34.73
11	JOHN SHRUM	USA	4:52.78	7	TOD SPIEKER	USA	32.09	9	DAVID OWEN	USA	2:36.34
12	RICK WALTON	USA	4:53.01	8	STEVE MANN	USA	32.10	10	STEVE MANN	USA	2:38.66
13	FRANK THOMPSON	USA	4:53.78	9	GORDON CLARK	GBR	32.24	11	IVAN MYALL	GBR	2:39.34
14	JORGE GONZALEZ	USA	4:54.37	10	DAVE FARMER	BAR	32.35	12	RICHARD CHANEY	USA	2:43.05
15	GAARD ARNESON	USA	4:54.42	11	KURT ROSEN	GER	32.47	13	DAVID LEVINSON	USA	2:43.62
15	GAARD ARNESON	USA	4:54.42	12	JORGE URRETA	MEX	32.64	14	DAVE FARMER	BAR	2:45.25
17	JOHN OSTERLOH	USA	4:55.23	13	KIN YUEN CHAN	HKG	32.65	15	TOM STEARNS	USA	2:47.72
18	TOD SPIEKER	USA	4:55.84	14	TOM STEARNS	USA	32.75	16	KIN YUEN CHAN	HKG	2:50.95
19	WILLIAM REID	USA	4:57.33	15	STEPHEN BOSTER	USA	32.82	17	JIM MILLER	USA	2:56.49
20	BILL KLOPPE	USA	4:58.45	16	RICHARD HAAS	USA	32.98	18	FRANCISCO ALENCAR	BRA	2:57.17
21	TERRY LAUGHLIN	USA	5:07.87	17	LEE EISINGER	USA	33.65	19	JAMES MOYER	USA	3:15.70
22	PARTICK SAVAGE	USA	5:08.63	18	J.HEKIMIAN	FRA	33.89	20	JOHN MILLER	USA	3:23.99
23	IVAN MYALL	GBR	5:09.73	19	KLAUS MERTEN	GER	34.20	*****			
24	GRAHAM ANNEAR	AUS	5:13.34	20	RICHARD CHANEY	USA	34.55	M E N -- 40-44 -- 50 M. BRST			
25	MICHAEL SHUCK	USA	5:21.62	21	PAUL BOULDING	CAN	34.59	*****			
26	JOHN BURTON	GBR	5:29.49	22	MABRY TYSON	USA	34.94	1	PEDER DAHLBERG	USA	30.82
27	ROGER BEHLER	USA	5:30.66	23	TOM MEADE	USA	35.05	2	C.MILTENBERGER	USA	31.35
28	MICHAEL SCHELL	USA	5:34.56	24	FRANCISCO ALENCAR	BRA	35.11	3	ARTHUR HALTTUNEN	USA	32.98
29	GEORGE JAY	USA	5:37.05	25	DOUG MUNN	CAN	36.20	4	PAUL BOULDING	CAN	33.41
30	RICHARD FORTUNE	USA	5:42.65	26	JIM MILLER	USA	36.49	5	TOM WHATLEY	USA	33.45
31	BILL MITCHELL	GBR	5:43.80	27	JOHN MILLER	USA	37.23	6	MANFRED ZEHR	GER	34.30
32	DANIEL LEVI	ARG	5:46.32	28	JAY CASEY	USA	37.37	7	MABRY TYSON	USA	34.38
33	JOHN FERRARI	USA	5:47.49	29	TAKASHI KIMURA	JPN	37.63	8	KHIN SYN YONG	HKG	34.42
34	THOMAS MOYER	USA	5:49.33	30	PETER NICKODEM	JPN	37.84	9	YOHAN KENDE	ISR	34.54
35	CHEN NIW	TPE	5:49.82	31	KENT CARNEY	USA	38.13	10	CELIO AMARAL	BRA	34.96
36	DONALD DOTLICH	USA	5:59.97	32	JOHN MCNELLIS	USA	38.78	11	STEVE HANSEN	USA	35.61
37	CHEN CHIN-CHU	TPE	6:13.30	33	DAVID MORRILL	VEN	40.44	12	FRANCOIS DU TOIT	RDA	36.00
38	BOB JAMES	AUS	6:27.20	34	DONALD HAAG	USA	53.72	13	JOHN DOWNER	USA	36.24
39	YUTAKA SHINOZAKI	JPN	6:30.77	35	KENJI TAKAMURA	JPN	1:03.70	14	HALTON CHEADLE	RSA	36.28
40	DANIEL MORALES	MEX	7:00.62	*****				15	J.HEKIMIAN	FRA	36.50
41	ANGEL ACOSTA	ARG	9:59.17	M E N -- 40-44 -- 100 M. BACK				16	BILL PRICE	GBR	36.59
*****				*****				17	LEE EISINGER	USA	36.92
M E N -- 40-44 -- 800 M. FREE				1	CHUCK WOLFF	USA	1:04.80	18	ANTON GANEV	USA	37.18
*****				2	RICHARD BOBER	USA	1:05.64	19	PATRICK AUDOUARD	FRA	37.27
1	YURI NIKOLAEV	RUS	9:31.53	3	TERENCE DOWNES	RSA	1:05.84	20	BERND HAASE	GER	37.33
2	TYRONE TOZER	RSA	9:37.23	4	SERGEI ARTEMIEV	RUS	1:06.18	21	PAULP MANGE	BRA	37.50
3	ROBERT STRAUSS	USA	9:40.39	5	LAWRENCE BARBIERE	USA	1:08.42	22	TOM MEADE	USA	38.12

SWIMMING RESULTS - MEN

23	TAKASHI KIMURA	JPN	38.31	5	GERHARD PREINER	GER	2:44.46	40	KENT CARNEY	USA	34.02
24	KENT CARNEY	USA	38.47	6	MANFRED ZEHR	GER	2:47.23	41	JOHN BURTON	GBR	34.23
25	ROGER BEHLER	USA	38.62	7	BILL PRICE	GBR	2:47.48	42	JAMES RUCKER	USA	34.60
26	GEORGE LEWIS	USA	38.90	8	PAUL BOULDING	CAN	2:50.76	43	BOB JAMES	AUS	34.95
27	JOSE FARIAS	MEX	39.09	9	JAMES GRADY	USA	2:53.22	44	JOHN MILLER	USA	34.99
28	DOUG HUESTIS	USA	39.30	10	DAVID GEMMILL	USA	2:54.96	45	BILL MITCHELL	GBR	38.11
29	CHUCK CIGRAND	USA	39.42	11	DAVID LEVINSON	USA	2:56.11	46	DONALD DOTLICH	USA	38.27
30	TOM WILLIAMS	USA	39.76	12	STEVE HANSEN	USA	2:58.65	47	ADILSON AMADEU	BRA	38.71
31	JAMES RUCKER	USA	40.13	13	JAMES BAYLES	USA	2:59.46	*****			
32	MITSUO SAITO	JPN	41.50	14	KHIN SYN YONG	HKG	3:02.30	M E N -- 40-44 -- 100 M. FLY			
33	DOUG MUNN	CAN	43.13	15	MABRY TYSON	USA	3:03.88	*****			
34	DAVID MORRILL	VEN	43.18	16	JOHN DOWNER	USA	3:04.03	1	LAWRENCE DAY	USA	1:02.25
35	DENNIS MCMANUS	USA	43.54	17	TOM WILLIAMS	USA	3:07.53	2	DAVID TANNER	USA	1:03.88
36	ADILSON AMADEU	BRA	43.61	18	PAULO MANGE	BRA	3:08.56	3	STEPHEN BOSTER	USA	1:04.42
37	JOSE NOVELLO	ARG	44.21	19	ANTON GANEV	USA	3:09.88	4	ARTHUR DEFFAA	USA	1:04.94
38	DONALD HAAG	USA	44.34	20	ROGER BEHLER	USA	3:10.86	5	HALTON CHEADLE	RSA	1:05.42
39	DAVID LESLIE	CAN	47.57	21	JOSE FARIAS	MEX	3:17.67	6	RICHARD HAAS	USA	1:06.30
40	KENJI TAKAMURA	JPN	1:04.92	22	DAVID MURPHY	CAN	3:20.59	7	RICHARD BALL	USA	1:06.69
*****				23	BERND HAASE	GER	3:22.08	8	JAMES BEAM	USA	1:06.93
M E N -- 40-44 -- 100 M. BRST				24	ALAN MILLER	USA	3:41.40	9	DAVID LEVINSON	USA	1:06.97
*****				25	JOSEPH ABRAHAM	USA	3:45.36	10	GEORGE BOWLIN	USA	1:07.11
1	PEDER DAHLBERG	USA	1:09.95	26	JOHN HOENER	USA	3:45.40	11	GABOR CSABA	HUN	1:07.28
2	C. MILTENBERGER	USA	1:10.78	27	DAVID LESLIE	CAN	4:09.27	12	BILL PRICE	GBR	1:10.94
3	ARTHUR HALTTUNEN	USA	1:12.78	*****				13	DAVID GEMMILL	USA	1:11.62
4	GERHARD PREINER	GER	1:14.82	M E N -- 40-44 -- 50 M. FLY				14	KURT GERHARDT	USA	1:13.18
5	MANFRED ZEHR	GER	1:16.13	*****				15	CHEN NIW	TPE	1:14.46
6	MABRY TYSON	USA	1:17.44	1	V. NEMSHILOV	RUS	28.19	16	KLAUS MERTEN	GER	1:14.58
7	PAUL BOULDING	CAN	1:17.67	2	TOM WHATLEY	USA	28.49	17	DENNIS MCMANUS	USA	1:25.89
8	ED KENNEHAN	USA	1:19.20	3	LAWRENCE DAY	USA	28.56	18	BOB JAMES	AUS	1:26.93
9	BILL PRICE	GBR	1:19.61	4	STEPHEN BOSTER	USA	28.94	*****			
10	KHIN SYN YONG	HKG	1:20.09	5	KURT GERHARDT	USA	29.01	M E N -- 40-44 -- 200 M. FLY			
11	JAMES GRADY	USA	1:20.20	5	GORDON CLARK	GBR	29.01	*****			
12	DAVID GEMMILL	USA	1:20.73	5	ARTHUR DEFFAA	USA	29.01	1	DAVID TANNER	USA	2:25.29
13	DAVID TANAGLIA	USA	1:20.99	8	HALTON CHEADLE	RSA	29.12	2	RICK WALTON	USA	2:29.46
14	HALTON CHEADLE	RSA	1:21.05	9	BRYAN BATEMAN	USA	29.15	3	DAVID LEVINSON	USA	2:34.55
15	JOHN DOWNER	USA	1:21.10	10	ARTHUR HALTTUNEN	USA	29.18	4	RICHARD HAAS	USA	2:35.38
16	STEVE HANSEN	USA	1:21.15	11	JAMES BEAM	USA	29.26	5	BILL VOGLER	USA	2:35.39
17	CELIO AMARAL	BRA	1:21.39	11	JORGE URRETA	MEX	29.26	6	BILL PRICE	GBR	2:39.31
18	CARL JURGENS	USA	1:21.47	13	ED KENNEHAN	USA	29.28	7	RICHARD FORTUNE	USA	2:46.77
19	FRANCOIS DU TOIT	RDA	1:23.23	14	KHAN MOSHARRAF	BAN	29.37	8	STEVE HANSEN	USA	2:47.13
20	HARRY LIEBSCHUTZ	USA	1:23.44	15	ROGER JONES	USA	29.48	9	CHEN NIW	TPE	3:00.55
21	PAULP MANGE	BRA	1:24.17	16	JACQUES LABOUTE	FRA	29.59	10	DONALD CARLSON	USA	3:02.48
22	ANTON GANEV	USA	1:24.65	17	CHUCK WOLFF	USA	29.60	11	ANTON GANEV	USA	3:29.40
23	BERND HAASE	GER	1:25.34	18	LAWRENCE BARBIERE	USA	29.95	12	BOB JAMES	AUS	3:44.37
24	PATRICK AUDOUARD	FRA	1:25.73	19	RICHARD HAAS	USA	29.96	13	CHEN CHIN-CHU	TPE	3:48.64
25	JAY CASEY	USA	1:26.82	20	BRUCE KESWICK	USA	29.98	*****			
26	TOM WILLIAMS	USA	1:27.42	21	GABOR CSABA	HUN	30.03	M E N -- 40-44 -- 200 M. I.M.			
27	ROGER BEHLER	USA	1:27.79	22	LEE EISINGER	USA	30.10	*****			
28	JOSE FARIAS	MEX	1:29.86	23	TOM MEADE	USA	30.19	1	TYRONE TOZER	RSA	2:24.17
29	DOUG MUNN	CAN	1:33.28	24	ROBERT GIRVIN	USA	30.37	2	TOM WHATLEY	USA	2:24.54
30	GAI XUE YANG	CHG	1:37.34	25	LEONARD BROCKHAHN	USA	30.87	3	CHUCK WOLFF	USA	2:27.28
31	ALAN MILLER	USA	1:38.47	26	PARTICK SAVAGE	USA	31.40	4	HALTON CHEADLE	RSA	2:27.85
32	JOSE NOVELLO	ARG	1:38.88	27	BRENT CATCHPOLE	CAN	31.47	5	ARTHUR HALTTUNEN	USA	2:29.71
33	JOSEPH ABRAHAM	USA	1:43.13	28	DAVID MORRILL	VEN	31.74	6	DANNY STERN	ISR	2:33.09
34	JOHN HOENER	USA	1:48.30	29	DOUG HUESTIS	USA	31.76	7	JAMES BAYLES	USA	2:33.51
35	DAVID LESLIE	CAN	1:51.19	30	TRUETT SMITH	USA	31.88	8	ROBERT GIRVIN	USA	2:33.94
36	THOMAS WINTER	USA	1:52.32	31	KLAUS MERTEN	GER	32.00	9	ARTHUR DEFFAA	USA	2:36.72
37	MARCEL SIMARD	CAN	1:58.16	32	CHEN NIW	TPE	32.04	10	BILL PRICE	GBR	2:37.30
*****				33	JUAN PENA VAZQUEZ	MEX	32.11	11	GERHARD PREINER	GER	2:37.46
M E N -- 40-44 -- 200 M. BRST				34	PEDRO MARTINS	BRA	32.33	12	DAVID GEMMILL	USA	2:40.74
*****				35	STEVE HANSEN	USA	32.46	13	WILLIAM TINGLEY	USA	2:40.75
1	PEDER DAHLBERG	USA	2:39.04	36	PAUL BOULDING	CAN	33.12	14	LEONARD BROCKHAHN	USA	2:43.20
2	LORENZO MARUGO	ITA	2:39.14	37	DAVID HILLS	GBR	33.44	15	RICHARD CHANEY	USA	2:44.40
3	C. MILTENBERGER	USA	2:40.24	38	PETER NICKODEM	JPN	33.68	16	PEDRO MARTINS	BRA	2:46.61
4	ARTHUR HALTTUNEN	USA	2:42.-1	39	DENNIS MCMANUS	USA	33.96	17	RICK WALTON	USA	2:47.85

SWIMMING RESULTS - MEN

18 WILLIAM CERNY USA 2:48.71
19 J.HEKIMIAN FRA 2:53.79
20 JOHN BURTON GBR 2:55.39
21 JOSE FARIAS MEX 2:56.57
22 KENT CARNEY USA 2:57.20
23 DOUG MUNN CAN 3:02.91
24 DANIEL LEVI ARG 3:04.57
25 TAKASHI KIMURA JPN 3:07.63
26 CHEN CHIN-CHU TPE 3:15.39
27 BOB JAMES AUS 3:42.05

M E N -- 40-44 -- 400 M. I.M.

1 LORENZO MARUGO ITA 5:02.96
2 TYRONE TOZER RSA 5:12.39
3 YURI NIKOLAEV RUS 5:18.99
4 DAVID TANAGLIA USA 5:20.95
5 ROBERT STRAUSS USA 5:22.16
6 JAMES BAYLES USA 5:23.92
7 DAVID LEVINSON USA 5:33.69
8 FRANK THOMPSON USA 5:35.27
9 BILL VOGLER USA 5:42.40
10 RICK WALTON USA 5:43.38
11 DAVID GEMMILL USA 5:48.28
12 PARTICK SAVAGE USA 5:49.31
13 WILLIAM CERNY USA 5:53.17
14 PAUL BOULDING CAN 5:57.29
15 J.HEKIMIAN FRA 6:03.37
16 FRANCISCO ALENCAR BRA 6:10.74
17 JOHN BURTON GBR 6:25.27
18 RICHARD FORTUNE USA 6:28.41
19 JOSE FARIAS MEX 6:34.96
20 DAVID MURPHY CAN 7:13.16
21 BOB JAMES AUS 8:12.56

M E N -- 45-49 -- 50 M. FREE

1 RICHARD ABRAHAMS USA 25.60
2 STEVE CLARK USA 25.77
3 RICHARD WOODROW USA 26.76
4 HUGH WILDER USA 27.11
5 DANIEL ROGACKI USA 27.14
6 KWONG LOK NG HKG 27.19
6 TONY CHERRINGTON GBR 27.19
8 PAUL MCCORMICK USA 27.34
9 ANGUS EDGHILL BAR 27.44
10 HARRY GREENFIELD USA 27.46
11 JAMES ELDER USA 27.85
12 MICHAEL SLENKER USA 28.04
13 JOE CONDON USA 28.42
14 ALAN HOLLY USA 28.54
15 THOMAS FINNEGAN USA 28.87
16 TOM BOAK USA 29.01
17 ANGEL BELLIDO PER 29.29
18 INGVAR ERIKSSON SWE 29.35
19 JOHN PHILLIPS USA 29.43
20 THEODORE WATHEN USA 29.50
21 SYLVIO RIBEIRO BRA 29.52
22 Y.NOVITSKIY RUS 30.08
23 CHARLES LEE USA 30.44
24 BOB WEIR CAN 30.46
25 JEFFREY WHYMAN GBR 30.66
26 JAY RYNO USA 30.77
27 TOM HERR USA 30.79
28 GUUS BERGE NED 30.90

28 DAVID GROUNDS GBR 30.90
30 CHRISTIAN ISELIN USA 31.01
31 JAMES POPE USA 31.13
32 VILEM PROTSCHKE CZE 31.34
33 TOM SCHMIDT USA 31.36
34 WILLIAM REES AUS 31.38
35 CRAIG RIDER USA 32.34
36 J.FRANCOIS LASNE FRA 32.46
37 HIROSHI TAKAHARA JPN 32.54
38 DAVID BROWN USA 32.82
39 ALAN INGLIS AUS 32.92
40 JERRY FROST GBR 33.17
41 HARRY DELATRE USA 33.48
42 GRAENE MCDUGALL AUS 33.71
43 KLAUS GATTER GER 34.22
44 CARLOS YORI PER 34.33
45 PAUL FIELDING USA 34.91
46 DAVID BOOTHBY USA 35.83
47 ROBIN WOOD NZL 35.97
48 FRANK IANNUZZI USA 37.97
49 HOSSEIM GHANNAD USA 38.03

M E N -- 45-49 -- 100 M. FREE

1 TIMOTHY GARTON USA 57.46
2 RICHARD ABRAHAMS USA 58.28
3 STEVE CLARK USA 58.33
4 HUGH WILDER USA 59.15
5 ANGUS EDGHILL BAR 59.85
6 RICHARD WOODROW USA 59.95
7 PAUL MCCORMICK USA 59.99
8 JOHN SULTAN USA 1:00.27
9 HARRY GREENFIELD USA 1:00.45
10 JAMES ELDER USA 1:01.42
11 MOSHE GERTEL ISR 1:01.57
12 JEFF COOKE USA 1:02.20
13 RICHARD BURNS USA 1:02.40
14 MIKE GARIBALDI USA 1:02.70
15 JOHN LINDLEY USA 1:03.18
16 ALAN HOLLY USA 1:03.56
17 THOMAS FINNEGAN USA 1:04.36
18 TOM BOAK USA 1:04.67
19 TONY CHERRINGTON GBR 1:05.19
20 INGVAR ERIKSSON SWE 1:05.20
21 KWONG LOK NG HKG 1:05.73
22 THEODORE WATHEN USA 1:06.35
23 DANIEL WHITELEY USA 1:07.06
24 Y.NOVITSKIY RUS 1:07.98
25 GEORGE WINTER USA 1:08.36
26 WILLIAM REES AUS 1:08.76
27 CHRISTIAN ISELIN USA 1:09.23
28 JOSE FERRAZ BRA 1:09.40
29 JOHN MORRISON AUS 1:09.59
30 JUHA PARVIAINEN FIN 1:09.78
31 JAMES POPE USA 1:11.45
32 JOHN GRAHAM USA 1:12.51
33 TOM HERR USA 1:13.26
34 JACK WILEY USA 1:13.98
35 ROBERT WATERS USA 1:14.09
36 JERRY FROST GBR 1:14.64
37 GUUS BERGE NED 1:15.56
38 ALAN INGLIS AUS 1:17.38
39 RICK TREVISON USA 1:17.58
40 HARRY DELATRE USA 1:17.87
41 GRAENE MCDUGALL AUS 1:18.28

42 ROBIN WOOD NZL 1:22.26
42 DAVID BOOTHBY USA 1:22.26
44 PAUL FIELDING USA 1:26.56

M E N -- 45-49 -- 200 M. FREE

1 BOB MOMSEN USA 2:09.70
2 ANGUS EDGHILL BAR 2:12.12
3 MOSHE GERTEL ISR 2:12.61
4 TIM BIRNIE USA 2:13.44
5 PAUL MCCORMICK USA 2:14.05
6 JOHN SULTAN USA 2:15.43
7 HARRY GREENFIELD USA 2:16.36
8 ALAN HOLLY USA 2:20.25
9 JEFF COOKE USA 2:20.52
10 EDWARD RUDLOFF USA 2:20.83
11 JOHN ZIEGENHAGEN USA 2:21.93
12 TONY CHERRINGTON GBR 2:25.43
13 LARRY KEATON USA 2:29.39
14 RONALD BURNS CAN 2:30.03
15 JUHA PARVIAINEN FIN 2:30.42
16 BOB WEIR CAN 2:33.21
17 THEODORE WATHEN USA 2:33.23
18 KEVIN KELLY USA 2:33.36
19 JOHN MORRISON AUS 2:36.61
20 Y.NOVITSKIY RUS 2:37.05
21 JAMES POPE USA 2:39.93
22 JACK WILEY USA 2:43.94
23 MOREL BUENO BRA 2:54.23
24 RICK TREVISON USA 2:55.34
25 NEIL RAYNER NZL 3:01.11
26 P.SCHMECKEBIER USA 3:05.97
27 ROBIN WOOD NZL 3:16.56

M E N -- 45-49 -- 400 M. FREE

1 BOB MOMSEN USA 4:27.70
2 TIMOTHY GARTON USA 4:40.12
3 ANGUS EDGHILL BAR 4:40.19
4 JOHN CALVERT USA 4:45.49
5 D.UYTENBOGAART NED 4:47.77
6 TIM BIRNIE USA 4:48.15
7 MOSHE GERTEL ISR 4:48.77
8 A.GALLETLY GBR 4:48.91
9 PAUL MCCORMICK USA 4:49.70
10 EDWARD RUDLOFF USA 4:59.24
11 JOHN ZIEGENHAGEN USA 5:04.14
12 MIKE GARIBALDI USA 5:05.76
13 GERRY DELONG USA 5:11.59
14 LELAND FAUST USA 5:13.74
15 ANTHONY PEARCE GBR 5:20.60
16 KEVIN KELLY USA 5:23.76
17 RONALD BURNS CAN 5:26.21
18 E.ANTOLI-CANDELA ESP 5:29.28
19 JUHA PARVIAINEN FIN 5:31.37
20 J.PEREZ-COSTEDAL ESP 5:35.35
21 JOHN MORRISON AUS 5:40.00
22 TETSUO NOTO JPN 5:43.06
23 LARRY KEATON USA 5:45.12
24 JOSE FERRAZ BRA 5:48.11
25 CHARLES LEE USA 5:50.36
26 ROBERT WATERS USA 5:54.71
27 JAMES POPE USA 5:57.50
28 DONALD KROEGER USA 5:58.02
29 JACK WILEY USA 5:59.84

SWIMMING RESULTS - MEN

30 STEVE GOSSE CAN 6:12.12
31 MOREL BUENO BRA 6:19.75
32 RICK TREVISON USA 6:20.16
33 NEIL RAYNER NZL 6:34.07
34 JULIO APONTE USA 6:34.35
35 YOSHIO ASAKA JPN 6:40.16

M E N -- 45-49 -- 800 M. FREE

1 BOB MOMSEN USA 9:31.38
2 ANGUS EDGHILL BAR 9:43.93
3 D.UYTENBOGAART NED 9:50.09
4 A.GALLETLY GBR 9:51.18
5 JOHN CALVERT USA 9:56.09
6 JEFF COOKE USA 10:22.93
7 EDWARD RUDLOFF USA 10:37.81
8 GAVRIL MORARIU ROM 10:50.48
9 JOHN ZIEGENHAGEN USA 10:53.04
10 ROB HANOU NED 10:53.21
11 JAMES FUSSELL USA 11:03.75
12 KEVIN KELLY USA 11:11.01
13 RONALD BURNS CAN 11:17.75
14 JUHA PARVIAINEN FIN 11:25.41
15 LARRY KEATON USA 11:33.79
16 THEODORE WATHEN USA 11:58.73
17 BOB WEIR CAN 12:03.44
18 DONALD KROEGER USA 12:12.26
19 JACK WILEY USA 12:22.52
20 PHIL BOGAN USA 12:32.58
21 RICK TREVISON USA 13:08.26
22 NICK OLMOS-LAU USA 13:16.56
23 NEIL RAYNER NZL 13:21.18
24 P.SCHMECKEBIER USA 14:45.75
25 ROBIN WOOD NZL 15:13.88
26 DONALD KUYPER USA 21:17.87

M E N -- 45-49 -- 50 M. BACK

1 HUGH WILDER USA 30.77
2 TIM BIRNIE USA 31.01
3 JOZSEF CSIKANY HUN 31.14
4 RICHARD BURNS USA 31.88
5 DANIEL ROGACKI USA 32.06
6 STEVE CLARK USA 32.15
7 ROBERT STRAND USA 32.16
8 JOHN PHILLIPS USA 32.23
9 JAMES BEGLINGER USA 32.78
10 BRIAN HAYES AUS 33.48
11 JOE CONDON USA 33.58
12 PAULO FIGUEIREDO USA 33.64
13 TONY CHERRINGTON GBR 33.73
14 THOMAS FINNEGAN USA 33.85
15 TIBOR CSEKO HUN 34.45
16 GUUS BERGE NED 36.37
17 JAY RYNO USA 36.57
18 DONALD KROEGER USA 37.11
19 MARCO MIRANDA BRA 37.62
20 TOM SCHMIDT USA 37.64
21 STEVE GOSSE CAN 37.70
22 WILLIAM REES AUS 37.86
23 GEORGE WINTER USA 37.88
24 RONALD BURNS CAN 37.97
25 CRAIG RIDER USA 38.38
26 JOHN GRAHAM USA 38.99
27 DOUGLAS CHURCH USA 39.31

28 J.FRANCOIS LASNE FRA 40.44
29 RUSSELL DESSERICH USA 43.44
30 JERRY FROST GBR 43.60
31 FRANK IANNUZZI USA 43.96
32 DAVID BOOTHBY USA 44.17
33 PAUL FIELDING USA 47.00
34 PHILLIP MARCOTTE USA 47.38

M E N -- 45-49 -- 100 M. BACK

1 HUGH WILDER USA 1:06.00
2 TIM BIRNIE USA 1:07.24
3 RICHARD BURNS USA 1:08.79
4 JOHN CALVERT USA 1:08.96
5 JOZSEF CSIKANY HUN 1:09.75
6 JOHN PHILLIPS USA 1:09.77
7 DANIEL ROGACKI USA 1:10.95
8 JAMES BEGLINGER USA 1:13.08
9 BRIAN HAYES AUS 1:14.49
10 THOMAS FINNEGAN USA 1:14.85
11 PAULO FIGUEIREDO USA 1:15.85
12 TIBOR CSEKO HUN 1:18.74
13 THOMAS HUNT USA 1:19.08
14 GUUS BERGE NED 1:20.65
15 RONALD BURNS CAN 1:21.05
16 CARL BROMER USA 1:23.36
17 STEVE GOSSE CAN 1:24.16
18 WILLIAM REES AUS 1:24.47
19 DONALD KROEGER USA 1:26.13
20 HIROSHI TAKAHARA JPN 1:27.82
21 JAMES POPE USA 1:28.42
22 DOUGLAS CHURCH USA 1:28.94
23 J.FRANCOIS LASNE FRA 1:32.04
24 ROBIN WOOD NZL 1:39.03

M E N -- 45-49 -- 200 M. BACK

1 JOHN CALVERT USA 2:26.91
2 TIM BIRNIE USA 2:28.51
3 HUGH WILDER USA 2:31.21
4 RICHARD BURNS USA 2:33.49
5 DANIEL ROGACKI USA 2:36.24
6 JOHN PHILLIPS USA 2:36.82
7 JAMES BEGLINGER USA 2:37.43
8 BRIAN HAYES AUS 2:43.60
9 JOHN SULTAN USA 2:43.67
10 PAULO FIGUEIREDO USA 2:46.57
11 HARRY WICKENS USA 2:48.84
12 THOMAS HUNT USA 2:57.15
13 HOLGER BREMER GER 2:57.37
14 RONALD BURNS CAN 2:57.80
15 WILLIAM REES AUS 2:59.79
16 JACQUES HERSKOVIC BRA 3:03.11
17 ROBERTO FONTES BRA 3:05.39
18 MELVIN SMITH USA 3:07.50
19 STEVE GOSSE CAN 3:09.96
20 MARCO PATINO MEX 3:13.88
21 MARK BARNHART USA 3:16.12
22 DONALD KROEGER USA 3:17.35
23 TOM SCHMIDT USA 3:25.90
24 HIROSHI TAKAHARA JPN 3:27.28
25 JULIO APONTE USA 3:47.07
26 FRANK IANNUZZI USA 3:51.10
27 DAVID BOOTHBY USA 3:52.04

M E N -- 45-49 -- 50 M. BRST

1 ROBERT STRAND USA 32.94
2 SYLVIO RIBEIRO BRA 34.21
3 DANIEL ROGACKI USA 34.25
4 PETER BALASY HUN 34.29
5 TOM BOAK USA 34.45
6 ANTONIO ORSELLI BRA 34.66
7 GERSHON SHEFA ISR 34.93
8 PAUL MENYHARTH USA 35.25
9 HOLGER BREMER GER 35.51
10 GEORGE JACKSON GBR 36.06
11 JOE CONDON USA 36.08
12 ALADAR FILEP HUN 36.25
13 MARCO MIRANDA BRA 36.33
14 RODNEY BARTON GBR 36.58
15 ULRICH MORCHE GER 36.72
16 T.VAN DER VEEN USA 36.83
17 CHARLES LEE USA 37.23
18 RUSSELL DESSERICH USA 37.38
19 DAVID GROUNDS GBR 37.57
20 YUICHI SHIMOTSU JPN 37.77
21 ALLEN MURRAY USA 38.14
22 LEE KELLER USA 38.19
23 KWONG LOK NG HKG 38.24
24 GUUS BERGE NED 38.61
25 KLAUS GATTER GER 39.06
26 GEORGE WINTER USA 40.53
27 JAY RYNO USA 40.88
28 TADAO ASAMI JPN 42.16
29 ROGER MASSY CAN 43.10
30 JOE PESCHEL USA 43.41
31 ROBIN WOOD NZL 43.85
32 JOHN TRUBNICK NZL 44.39
33 PHILLIP MARCOTTE USA 44.59
34 GRAENE MCDUGALL AUS 45.56
35 HARRY DELATRE USA 45.59
36 PAUL FIELDING USA 46.96
37 FRANK IANNUZZI USA 47.90
38 ROBERT LYON USA 49.78
39 HUGO SANGUINETI ARG 1:02.85
40 KAORU TAKAGI JPN 1:09.68

M E N -- 45-49 -- 100 M. BRST

1 ROBERT STRAND USA 1:12.98
2 GERSHON SHEFA ISR 1:16.39
3 SYLVIO RIBEIRO BRA 1:18.49
4 TOM BOAK USA 1:18.76
5 ANTONIO ORSELLI BRA 1:18.78
6 PAUL MENYHARTH USA 1:19.06
7 HOLGER BREMER GER 1:19.58
8 BILL ABBOTT USA 1:19.95
9 ROB HANOU NED 1:21.32
10 T.VAN DER VEEN USA 1:22.20
11 DAVID GROUNDS GBR 1:22.50
12 ALLEN MURRAY USA 1:22.82
13 ALADAR FILEP HUN 1:22.88
14 ULRICH MORCHE GER 1:22.94
15 GEORGE JACKSON GBR 1:22.99
16 MARCO MIRANDA BRA 1:23.03
17 RONALD GREGER USA 1:23.29
18 JOE CONDON USA 1:23.32
19 CHARLES LEE USA 1:23.69
20 PETER MICHEL USA 1:25.09

SWIMMING RESULTS - MEN

21	JAMES FUSSELL	USA	1:25.44	14	PAULO FIGUEIREDO	USA	30.64	16	YOSHIO ASAKA	JPN	3:31.70
22	RODNEY BARTON	GBR	1:26.22	15	SYLVIO RIBEIRO	BRA	30.70	17	ROBERT WATERS	USA	3:35.00
23	LEE KELLER	USA	1:26.87	16	PAUL MCCORMICK	USA	30.85	18	DAVID BROWN	USA	3:45.93
24	RUSSELL DESSERICH	USA	1:30.23	17	TONY CHERRINGTON	GBR	31.39	19	KENNETH HEUCK	USA	3:53.54
25	CHRISTIAN ISELIN	USA	1:30.78	18	JOHN ZIEGENHAGEN	USA	31.58	20	JOE PESCHEL	USA	3:57.96
26	JOHN MORRISON	AUS	1:33.69	19	TIBOR CSEKO	HUN	31.83	21	JULIO APONTE	USA	4:23.86
27	ROGER MASSY	CAN	1:40.38	20	ALAN HOLLY	USA	31.85	22	DONALD KUYPER	USA	4:53.42
28	MOREL BUENO	BRA	1:41.42	21	INGVAR ERIKSSON	SWE	31.86	*****			
29	HARRY DELATRE	USA	1:42.80	22	YOSHIO ASAKA	JPN	32.03	M E N -- 45-49 -- 200 M. I.M.			
30	GRAENE MCDUGALL	AUS	1:44.19	23	YUICHI SHIMOTSU	JPN	32.40	*****			
31	JOHN TRUBNICK	NZL	1:45.31	24	VILEM PROTSCHKE	CZE	32.53	1	BOB MOMSEN	USA	2:24.39
32	PHILLIP MARCOTTE	USA	1:46.47	25	CRAIG RIDER	USA	32.81	2	TIMOTHY GARTON	USA	2:26.60
33	PAUL FIELDING	USA	1:48.15	26	Y.NOVITSKIY	RUS	33.58	3	JOHN CALVERT	USA	2:26.66
*****				27	ROBERTO FONTES	BRA	33.61	4	ROBERT STRAND	USA	2:29.67
M E N -- 45-49 -- 200 M. BRST				28	JEFFREY WHYMAN	GBR	33.70	5	JOHN SULTAN	USA	2:30.70
*****				29	DOUGLAS CHURCH	USA	33.78	6	GERSHON SHEFA	ISR	2:35.32
1	ROBERT STRAND	USA	2:42.97	30	WILLIAM REES	AUS	34.33	7	D.UYTENBOGAART	NED	2:36.99
2	GERSHON SHEFA	ISR	2:46.75	31	JAY RYNO	USA	34.48	8	ANGUS EDGHILL	BAR	2:38.18
3	JOHN SULTAN	USA	2:50.79	32	CARL BROMER	USA	35.70	9	JAMES BEGLINGER	USA	2:39.26
4	SYLVIO RIBEIRO	BRA	2:54.14	33	J.FRANCOIS LASNE	FRA	38.42	10	GERRY DELONG	USA	2:42.52
5	PETER BALASY	HUN	2:54.80	34	DAVID BROWN	USA	39.00	11	BILL ABBOTT	USA	2:44.37
6	D.UYTENBOGAART	NED	2:56.31	35	JOHN TRUBNICK	NZL	40.07	12	ROB HANOU	NED	2:44.46
7	ALLEN MURRAY	USA	2:56.78	36	RUSSELL DESSERICH	USA	43.72	13	JAMES ELDER	USA	2:46.59
8	HOLGER BREMER	GER	2:57.16	*****				14	JAMES FUSSELL	USA	2:53.21
9	TOM BOAK	USA	2:57.85	M E N -- 45-49 -- 100 M. FLY				15	THEODORE WATHEN	USA	2:55.18
10	ROB HANOU	NED	2:58.45	*****				16	THOMAS HUNT	USA	2:55.47
11	T.VAN DER VEEN	USA	2:59.57	1	RICHARD ABRAHAMS	USA	1:03.38	17	JAY RYNO	USA	3:01.40
12	ANTONIO ORSELLI	BRA	2:59.59	2	HARRY GREENFIELD	USA	1:07.47	18	HIROSHI TAKAHARA	JPN	3:18.51
13	JAMES FUSSELL	USA	3:05.48	2	BILL ABBOTT	USA	1:07.47	19	TADAO ASAMI	JPN	3:24.80
14	ULRICH MORCHE	GER	3:06.67	4	RICHARD BURNS	USA	1:08.29	20	JOE PESCHEL	USA	3:28.09
15	PAUL MENYHARTH	USA	3:07.58	5	MICHAEL SLENKER	USA	1:08.62	21	KENNETH HEUCK	USA	3:43.10
16	RONALD GREGER	USA	3:07.59	6	RICHARD WOODROW	USA	1:08.65	22	HOSSEIM GHANNAD	USA	3:53.99
17	DAVID GROUNDS	GBR	3:07.60	7	PAULO FIGUEIREDO	USA	1:09.00	23	DONALD KUYPER	USA	4:02.38
18	CHARLES LEE	USA	3:08.93	8	EDWARD RUDLOFF	USA	1:09.25	*****			
19	GEORGE JACKSON	GBR	3:10.23	9	STEVE CLARK	USA	1:09.62	M E N -- 45-49 -- 400 M. I.M.			
20	LEE KELLER	USA	3:16.22	10	GERRY DELONG	USA	1:11.26	*****			
21	MARCO PATINO	MEX	3:16.89	11	JOHN ZIEGENHAGEN	USA	1:11.27	1	BOB MOMSEN	USA	5:12.03
22	JOHN MORRISON	AUS	3:22.58	12	JAMES ELDER	USA	1:11.43	2	JOHN CALVERT	USA	5:15.93
23	EDWIN HUNT	USA	3:23.02	13	INGVAR ERIKSSON	SWE	1:15.15	3	TIMOTHY GARTON	USA	5:16.32
24	CLAUS FRANKE	GER	3:25.76	14	YUICHI SHIMOTSU	JPN	1:18.96	4	JOHN SULTAN	USA	5:25.69
25	NICK OLMOS-LAU	USA	3:32.83	15	YOSHIO ASAKA	JPN	1:20.20	5	A.GALLETLY	GBR	5:28.29
26	RUSSELL DESSERICH	USA	3:36.08	16	MARCO PATINO	MEX	1:26.82	6	D.UYTENBOGAART	NED	5:34.98
27	TADAO ASAMI	JPN	3:38.17	17	DAVID BROWN	USA	1:36.53	7	RICHARD HART	USA	5:36.87
28	JOE PESCHEL	USA	3:44.04	18	KENNETH HEUCK	USA	1:42.71	8	JAMES BEGLINGER	USA	5:50.24
29	KENNETH HEUCK	USA	3:48.16	19	JOHN TRUBNICK	NZL	1:43.52	9	HARRY WICKENS	USA	5:51.19
30	HARRY DELATRE	USA	3:50.09	20	HOSSEIM GHANNAD	USA	1:49.79	10	GERRY DELONG	USA	5:51.88
31	PHILLIP MARCOTTE	USA	3:53.79	21	DONALD KUYPER	USA	2:03.18	11	ROB HANOU	NED	5:53.59
32	MOREL BUENO	BRA	3:57.09	*****				12	LELAND FAUST	USA	6:03.99
33	JULIO APONTE	USA	4:06.96	M E N -- 45-49 -- 200 M. FLY				13	JACQUES HERSKOVIC	BRA	6:30.51
*****				*****				14	THOMAS HUNT	USA	6:30.60
M E N -- 45-49 -- 50 M. FLY				1	JOHN LINDLEY	USA	2:30.80	15	MARCO PATINO	MEX	6:33.90
*****				2	HARRY GREENFIELD	USA	2:41.42	16	THEODORE WATHEN	USA	6:37.63
1	RICHARD ABRAHAMS	USA	27.88	3	LELAND FAUST	USA	2:42.48	17	BOB WEIR	CAN	6:40.44
2	STEVE CLARK	USA	28.66	4	A.GALLETLY	GBR	2:44.82	18	YUICHI SHIMOTSU	JPN	6:43.02
3	RICHARD WOODROW	USA	28.81	5	D.UYTENBOGAART	NED	2:46.43	19	JAY RYNO	USA	6:52.41
4	JOHN PHILLIPS	USA	28.91	6	EDWARD RUDLOFF	USA	2:48.22	20	NICK OLMOS-LAU	USA	6:54.74
5	HARRY GREENFIELD	USA	29.00	7	GERRY DELONG	USA	2:48.98	21	DONALD KROEGER	USA	7:03.09
6	DANIEL ROGACKI	USA	29.03	8	JOHN ZIEGENHAGEN	USA	2:49.99	22	YOSHIO ASAKA	JPN	7:13.29
7	HUGH WILDER	USA	29.18	9	ROB HANOU	NED	2:52.07	23	TADAO ASAMI	JPN	7:35.04
8	MICHAEL SLENKER	USA	29.70	10	JAMES ELDER	USA	2:52.70	24	JULIO APONTE	USA	7:52.32
9	JAMES ELDER	USA	29.71	11	YUICHI SHIMOTSU	JPN	3:08.58	25	JOE PESCHEL	USA	7:53.05
10	JOE CONDON	USA	29.80	12	MARCO PATINO	MEX	3:18.88	26	KENNETH HEUCK	USA	8:00.48
11	EDWARD RUDLOFF	USA	30.37	13	CHRISTIAN ISELIN	USA	3:25.11	27	HOSSEIM GHANNAD	USA	8:47.02
12	BILL ABBOTT	USA	30.40	14	JACQUES HERSKOVIC	BRA	3:25.31	28	DONALD KUYPER	USA	8:47.25
13	KWONG LOK NG	HKG	30.44	15	TETSUO NOTO	JPN	3:31.69	*****			

SWIMMING RESULTS - MEN

M E N -- 50-54 -- 50 M. FREE

1	PETER BERGENGREN	SWE	27.32
2	VINUS VAN BAALEN	CAN	27.48
3	JACK GEOGHEGAN	USA	27.65
4	TAI CHUN FU	HKG	27.77
5	THOMAS OLANDER	USA	27.97
6	RICHARD BASSI	USA	28.29
7	MICHAEL MALIFFE	USA	28.40
8	WILL GOSNOLD	USA	28.62
9	JAMES KRUEGER	USA	28.95
10	Y.FUNAHASHI	JPN	29.53
11	OSMAR SILVA	BRA	29.79
12	PAT WILSON	USA	29.84
13	WILLIAM VAN HORN	USA	29.95
14	MICHAEL HOBDELL	GBR	30.03
15	TOM COWDELL	NZL	30.12
16	JAMES DULEY	USA	30.17
17	JOHN FASTRICH	USA	30.47
18	NIC GEERS	NED	30.71
19	PETE MAGEE	USA	30.75
20	DEREK FYFE	RSA	31.03
21	EUGENIO KOSLINSKI	GBR	31.09
22	MANFRED BOTTIN	GER	31.11
23	STEVE MOSELEY	USA	31.22
24	JAMES RADER	USA	31.33
25	THOMAS SMITH	USA	31.72
26	DAVID HARRISON	USA	31.86
27	JESEPH TESMER	USA	32.22
28	DEWEY HOWELL	USA	33.22
29	HUANG CHIU-CHUAN	TPE	33.43
30	MICHAEL WITTUM	GER	33.58
31	LUIS DE FEO	ARG	33.69
32	DAVID DIEHL	USA	33.80
33	TAKESHI JIN	JPN	33.87
34	ROGER BROWN	GBR	34.52
35	RALPH JASSEN	USA	34.61
36	ALBERTO SALASSA	ARG	36.79
37	FRANCIS REED	USA	37.08
38	LYALL MORTIMER	NZL	38.93
39	TREVOR ANDERSEN	AUS	38.97
40	EDWARD KEEFE	USA	40.28
41	ERNESTO POGGIO	ITA	45.61

M E N -- 50-54 -- 100 M. FREE

1	JACK GEOGHEGAN	USA	1:00.56
2	PETER BERGENGREN	SWE	1:00.70
3	TAI CHUN FU	HKG	1:01.79
4	WILL GOSNOLD	USA	1:02.13
5	BILL WOOD	USA	1:02.68
6	RICHARD BASSI	USA	1:02.82
7	JAMES CRANE	USA	1:03.63
8	TOM ANGELL	USA	1:04.08
9	E. KIRJAVAINEN	FIN	1:04.30
10	HENRY SOUTHALL	USA	1:04.52
11	VINUS VAN BAALEN	CAN	1:04.74
12	THOMAS OLANDER	USA	1:04.89
13	BOB BOURASSA	USA	1:05.33
14	NIC GEERS	NED	1:05.65
15	PAT WILSON	USA	1:05.94
16	JAMES KRUEGER	USA	1:06.05
17	R.LLOYD-MOSTYN	GBR	1:06.08
18	WILLIAM VAN HORN	USA	1:06.54
19	GEOFF STOKES	GBR	1:06.65

20	DAVID HARRISON	USA	1:06.95
21	JOHN FASTRICH	USA	1:07.97
22	DEREK FYFE	RSA	1:08.01
23	JERRY MYERS	USA	1:08.28
24	ESPEN ENGBRETSSEN	NOR	1:08.99
25	MICHAEL HOBDELL	GBR	1:09.12
26	PETE MAGEE	USA	1:09.48
27	TOM COWDELL	NZL	1:09.71
28	MANFRED BOTTIN	GER	1:09.97
29	JESEPH TESMER	USA	1:10.24
30	THOMAS SMITH	USA	1:11.93
31	EUGENIO KOSLINSKI	GBR	1:12.37
32	JAMES RADER	USA	1:12.43
33	STEVE MOSELEY	USA	1:13.02
34	PETER LIZON	USA	1:15.87
35	MICHAEL O'HEERON	USA	1:16.31
36	LUIS DE FEO	ARG	1:16.56
37	DEWEY HOWELL	USA	1:17.25
38	AZNAR RODOLFO	MEX	1:19.26
39	ROGER BROWN	GBR	1:22.84
40	ALBERTO SALASSA	ARG	1:24.73
41	TREVOR ANDERSEN	AUS	1:27.52
42	A.BRANCO CARLOS	BRA	1:27.71
43	EDWARD KEEFE	USA	1:44.82

M E N -- 50-54 -- 200 M. FREE

1	JACK GEOGHEGAN	USA	2:15.82
2	JAMES CRANE	USA	2:18.64
3	TAI CHUN FU	HKG	2:22.61
4	PETER BERGENGREN	SWE	2:24.69
5	NIC GEERS	NED	2:25.26
6	BOB BOURASSA	USA	2:25.55
7	PAT WILSON	USA	2:26.83
8	JAMES KRUEGER	USA	2:32.27
9	DEREK FYFE	RSA	2:34.56
10	TOM ANGELL	USA	2:36.47
11	JOHN FASTRICH	USA	2:38.82
12	JOHN MEDICI	USA	2:39.05
13	JOSEPH TESMER	USA	2:39.62
14	MICHAEL HOBDELL	GBR	2:39.79
15	CHRIS STACK	USA	2:43.98
16	MAX ZELLER	SUI	2:44.42
17	MANFRED BOTTIN	GER	2:44.44
18	RICHARD MONAHAN	USA	2:51.74
19	ALBERT MORLEY	USA	2:52.48
20	FRANCIS REED	USA	3:10.13
21	TREVOR ANDERSEN	AUS	3:16.19
22	A.BRANCO CARLOS	BRA	3:29.65

M E N -- 50-54 -- 400 M. FREE

1	JAMES CRANE	USA	4:54.72
2	DAVID HARRISON	USA	5:04.83
3	GEOFF STOKES	GBR	5:11.54
4	HENRY SOUTHALL	USA	5:15.09
5	BOB BOURASSA	USA	5:16.30
6	NIC GEERS	NED	5:16.66
7	ROBERT TESCH	USA	5:27.94
8	PAT WILSON	USA	5:33.08
9	JAMES STEWART	RSA	5:34.22
10	ESPEN ENGBRETSSEN	NOR	5:39.34
11	PETE MAGEE	USA	5:42.88
12	WILLIAM VAN HORN	USA	5:43.57
13	JOSEPH TESMER	USA	5:45.45

14	JAMES DULEY	USA	5:47.33
15	JOHN FASTRICH	USA	6:01.54
16	MICHAEL O'HEERON	USA	6:01.71
17	MANFRED BOTTIN	GER	6:08.72
18	DAVID ROBINSON	USA	6:10.80
19	AKIRA HOSHINO	JPN	6:17.39
20	CHARLIE LANE	CAN	6:19.23
21	DEWEY HOWELL	USA	6:21.31
22	THOMAS TRIPP	317	6:28.03
23	LUIS DE FEO	ARG	6:43.56
24	ALBERTO SALASSA	ARG	7:11.94
25	PETER YAW	USA	7:12.02
26	TREVOR ANDERSEN	AUS	7:16.06
27	ROGER BROWN	GBR	7:23.17
28	A.BRANCO CARLOS	BRA	7:32.78

M E N -- 50-54 -- 800 M. FREE

1	JAMES CRANE	USA	10:22.11
2	BILL WOOD	USA	10:30.55
3	ALAN SOMERS	USA	10:49.52
4	NIC GEERS	NED	10:54.89
5	BOB BOURASSA	USA	11:03.45
6	JAMES STEWART	RSA	11:29.59
7	MEL GOLDSTEIN	USA	11:45.18
8	MAX ZELLER	SUI	11:46.46
9	ESPEN ENGBRETSSEN	NOR	11:54.48
10	GERARDO STEUDEL	ESP	12:06.17
11	DEREK FYFE	RSA	12:12.39
12	JOHN FASTRICH	USA	12:22.15
13	RICHARD MONAHAN	USA	12:26.84
14	CHRIS STACK	USA	12:31.82
15	DIETER KULICKE	USA	12:53.98
16	CHARLIE LANE	CAN	12:58.51
17	ALBERT MORLEY	USA	13:14.00
18	RICHARD SCHEU	USA	13:35.89
19	FRANCIS REED	USA	14:49.56
20	PETER YAW	USA	14:49.81
21	A.BRANCO CARLOS	BRA	15:18.72

M E N -- 50-54 -- 50 M. BACK

1	FRANS NELSON	USA	32.13
2	RICHARD BASSI	USA	33.07
3	PETER BERGENGREN	SWE	33.57
4	JON HEIMANN	USA	33.68
5	VINUS VAN BAALEN	CAN	34.06
6	PETER BETZER	USA	34.47
7	Y.FUNAHASHI	JPN	35.04
8	THOMAS OLANDER	USA	35.12
9	MICHAEL WITTUM	GER	35.15
10	DAVID ROBINSON	USA	35.89
11	FRED WENDELKEN	USA	36.63
12	GERARDO STEUDEL	ESP	36.72
13	DAVID DIEHL	USA	36.77
14	OSMAR SILVA	BRA	37.07
15	JAMES STEWART	RSA	37.50
16	WILLIAM VAN HORN	USA	37.60
17	CARL SHAAR	USA	37.88
18	DEREK FYFE	RSA	38.14
19	THOMAS TRIPP	317	38.28
20	WALT REID	USA	38.53
21	AZNAR RODOLFO	MEX	41.75
22	THOMAS SMITH	USA	42.95
23	ROGER BROWN	GBR	43.46

SWIMMING RESULTS - MEN

24 RICARDO CATUREGLI ARG 44.81
25 CYRIL MAUNDERS GBR 45.99
26 LYALL MORTIMER NZL 52.80
27 ERNESTO POGGIO ITA 55.89
28 EDWARD KEEFE USA 58.03

M E N -- 50-54 -- 100 M. BACK

1 RICHARD BASSI USA 1:12.80
2 JACK GEOGHEGAN USA 1:13.10
3 PETER BETZER USA 1:14.97
4 JON HEIMANN USA 1:15.42
5 VINUS VAN BAALLEN CAN 1:16.61
6 FRED WENDELKEN USA 1:19.37
7 DAVID ROBINSON USA 1:19.81
8 GERARDO STEUDEL ESP 1:19.88
9 MICHAEL WITTUM GER 1:20.73
10 RONALD MOLNAR USA 1:20.76
11 OSMAR SILVA BRA 1:20.83
12 JAMES STEWART RSA 1:23.12
13 DEREK FYFE RSA 1:23.30
14 GEORGE QUIGLEY USA 1:24.88
15 WILLIAM VAN HORN USA 1:25.17
16 THOMAS TRIPP 317 1:27.68
17 JAMES DULEY USA 1:29.33
18 DAVID DIEHL USA 1:29.41
19 AZNAR RODOLFO MEX 1:31.71
20 ROGER BROWN GBR 1:36.80
21 RICHARD MONAHAN USA 1:37.32
22 AKIRA HOSHINO JPN 1:42.64

M E N -- 50-54 -- 200 M. BACK

1 RICHARD BASSI USA 2:43.09
2 PETER BETZER USA 2:45.53
3 JON HEIMANN USA 2:49.48
4 GERARDO STEUDEL ESP 2:52.70
5 DAVID ROBINSON USA 2:54.86
6 FRED WENDELKEN USA 2:58.53
7 Y. FUNAHASHI JPN 3:00.86
8 GEORGE QUIGLEY USA 3:01.57
9 HARRY GROGAN USA 3:06.16
10 MICHAEL WITTUM GER 3:07.83
11 EB LUNKEN USA 3:10.59
12 AZNAR RODOLFO MEX 3:11.07
13 WILLIAM VAN HORN USA 3:12.45
14 B OSMAR SILVA BRA 3:14.90
15 SAMUEL WILLIAMSON USA 3:15.56
16 THOMAS TRIPP USA 3:17.53
17 PETER LIZON USA 3:18.97
18 DAVID DIEHL USA 3:24.04
19 STEVE MOSELEY USA 3:27.00
20 PHILLIP HELLMUTH USA 3:27.48
21 RICARDO CATUREGLI ARG 3:39.68
22 PETER YAW USA 4:03.16

M E N -- 50-54 -- 50 M. BRST

1 PETER KUNZE GER 34.40
2 TAI CHUN FU HKG 34.60
3 E. KIRJAVAINEN FIN 36.42
4 BERND WUNSCH GER 36.67
5 HUIBERT PHIELIX RSA 36.87
6 ROBERT KRASZNAI HUN 36.93
7 CHIP HASTINGS USA 37.21

8 JOHN STONER USA 37.27
9 PETER BETZER USA 37.30
10 GARY STUTSEL AUS 37.68
11 PETER JACKSON USA 37.83
11 TOM COWDELL NZL 37.83
13 BEN FRANKLIN USA 38.22
14 WALT REID USA 38.68
15 GERT FUCHS GER 39.55
16 RAUL RAMIREZ MEX 43.10
17 RALPH JOHANSON USA 43.73
18 NAOHICO OKUYAMA JPN 44.18
19 SAMUEL WILLIAMSON USA 45.28
20 STEVE MOSELEY USA 45.79
21 JUAN TAMBORINI ARG 46.26
22 LYALL MORTIMER NZL 49.55
23 HORST DAHLMANN GER 50.33
24 LOWELL PINNEY USA 1:02.42

M E N -- 50-54 -- 100 M. BRST

1 PETER KUNZE GER 1:20.63
2 BILL MILLIKEN USA 1:21.69
3 E. KIRJAVAINEN FIN 1:22.43
4 JOHN STONER USA 1:22.45
5 ROBERT KRASZNAI HUN 1:22.91
6 CHIP HASTINGS USA 1:24.25
7 PETER BETZER USA 1:25.08
8 HUIBERT PHIELIX RSA 1:25.41
9 TOM COWDELL NZL 1:26.23
10 GARY STUTSEL AUS 1:26.78
11 RONALD MOLNAR USA 1:28.46
12 WALT REID USA 1:29.73
13 JOHN MEDICI USA 1:29.92
14 DIETER KULICKE USA 1:32.04
15 PETER RIDDLE USA 1:36.20
16 RAUL RAMIREZ MEX 1:39.78
17 STEVE MOSELEY USA 1:45.06
18 HORST DAHLMANN GER 1:54.43

M E N -- 50-54 -- 200 M. BRST

1 MIKE LAUX USA 3:00.12
2 RONALD MOLNAR USA 3:01.58
3 BILL MILLIKEN USA 3:02.61
4 ROBERT KRASZNAI HUN 3:04.22
5 JOHN STONER USA 3:04.95
6 CHIP HASTINGS USA 3:08.87
7 PETER BETZER USA 3:09.03
8 HUIBERT PHIELIX RSA 3:13.26
9 TOM COWDELL NZL 3:14.91
10 GARY STUTSEL AUS 3:15.05
11 JOHN MEDICI USA 3:17.34
12 DIETER KULICKE USA 3:23.06
13 WALT REID USA 3:27.30
14 TIM TIMKEN USA 3:30.83
15 EB LUNKEN USA 3:30.93
16 PETER RIDDLE USA 3:37.58
17 RAUL RAMIREZ MEX 3:42.04
18 HORST DAHLMANN GER 4:16.08

M E N -- 50-54 -- 50 M. FLY

1 MICHAEL MEALIFFE USA 29.09
2 RICHARD BASSI USA 29.34
3 TAI CHUN FU HKG 30.14

4 Y. FUNAHASHI JPN 30.43
5 THOMAS OLANDER USA 30.75
6 R. LLOYD-MOSTYN GBR 30.94
7 PETER BERGENGREN SWE 30.96
8 MIKE LAUX USA 31.05
9 PAUL KURHAJEC USA 31.27
10 E. KIRJAVAINEN FIN 31.91
11 EUGENIO KOSLINSKI GBR 32.64
12 JOHN FASTRICH USA 32.95
13 MICHAEL HOBDELL GBR 33.77
14 CARL SHAAR USA 34.55
15 MICHAEL WITTUM GER 36.01
16 DIETER KULICKE USA 37.96
17 CHARLIE LANE CAN 38.05
18 AKIRA HOSHINO JPN 39.22
19 RALPH JASSEN USA 39.73
20 JOHN SMITH USA 42.70
21 RAUL RAMIREZ MEX 44.22
22 RICHARD MONAHAN USA 44.29
23 FRANCIS REED USA 51.66

M E N -- 50-54 -- 100 M. FLY

1 JACK GEOGHEGAN USA 1:07.60
2 MICHAEL MEALIFFE USA 1:10.19
2 MIKE LAUX USA 1:10.19
4 PAUL KURHAJEC USA 1:10.83
5 R. LLOYD-MOSTYN GBR 1:10.85
6 RONALD MOLNAR USA 1:14.74
7 ROBERT TESCH USA 1:15.14
8 TIM TIMKEN USA 1:18.52
9 GEOFF STOKES GBR 1:19.18
10 THOMAS OLANDER USA 1:22.12
11 MICHAEL HOBDELL GBR 1:26.29
12 CHARLIE LANE CAN 1:31.15
13 JESEPH TESMER USA 1:31.20
14 RAUL RAMIREZ MEX 1:39.81

M E N -- 50-54 -- 200 M. FLY

1 JACK GEOGHEGAN USA 2:39.48
2 MIKE LAUX USA 2:42.42
3 R. LLOYD-MOSTYN GBR 2:48.43
4 PAUL KURHAJEC USA 2:48.57
5 GEOFF STOKES GBR 2:55.16
6 JOHN STONER USA 3:02.55
7 TIM TIMKEN USA 3:05.30
8 ROBERT TESCH USA 3:09.80
9 HARRY GROGAN USA 3:14.80
10 TOM COWDELL NZL 3:15.32
11 MICHAEL HOBDELL GBR 3:28.97
12 CHARLIE LANE CAN 3:43.56
13 RAUL RAMIREZ MEX 3:44.20
14 AKIRA HOSHINO JPN 3:44.62
15 ROBERT WILLIAMS USA 3:51.15

M E N -- 50-54 -- 200 M. I.M.

1 MIKE LAUX USA 2:40.54
2 PETER BERGENGREN SWE 2:40.79
3 BILL WOOD USA 2:43.02
4 E. KIRJAVAINEN FIN 2:44.55
5 RONALD MOLNAR USA 2:45.19
6 GEOFF STOKES GBR 2:52.21
7 BILL MULLIKEN USA 2:52.68

SWIMMING RESULTS - MEN

8	JAMES STEWART	RSA	2:52.73
9	THOMAS OLANDER	USA	2:54.02
10	R. LLOYD-MOSTYN	GBR	2:55.23
11	FRED WENDELKEN	USA	3:01.02
12	TIM TIMKEN	USA	3:02.43
13	ESPEN ENGBRETSSEN	NOR	3:04.44
14	DIETER KULICKE	USA	3:14.21
15	AZNAR RODOLFO	MEX	3:15.12
16	EB LUNKEN	USA	3:17.53
17	AKIRA HOSHINO	JPN	3:19.07
18	TREVOR ANDERSEN	AUS	4:06.98

M E N -- 50-54 -- 400 M. I.M.

1	MIKE LAUX	USA	5:46.47
2	RONALD MOLNAR	USA	5:50.20
3	BOB BOURASSA	USA	6:01.64
4	GEOFF STOKES	GBR	6:09.01
5	JAMES CRANE	USA	6:10.03
6	JAMES STEWART	RSA	6:11.93
7	NIC GEERS	NED	6:19.19
8	JOHN STONER	USA	6:19.44
9	ROBERT TESCH	USA	6:26.89
10	HARRY GROGAN	USA	6:32.19
11	TIM TIMKEN	USA	6:41.00
12	AZNAR RODOLFO	MEX	6:57.49
13	EB LUNKEN	USA	7:00.46
14	JAMES DULEY	USA	7:01.20
15	MICHAEL O'HEERON	USA	7:08.00
16	AKIRA HOSHINO	JPN	7:15.25
17	CHARLIE LANE	CAN	7:35.35
18	TREVOR ANDERSEN	AUS	8:49.54

M E N -- 55-59 -- 50 M. FREE

1	DAVID MCINTYRE	USA	28.37
2	Y. TSUKAMOTO	JPN	28.38
3	BOB BAILIE	USA	28.46
4	DAVID COSTILL	USA	29.08
5	DIETER BAGHMANN	GER	29.75
6	YOSHI OYAWAKA	USA	29.76
7	MANFRED STRATE	GER	29.84
8	ANTONIO SOARES	BRA	29.96
9	ANTHONY WESTON	GBR	30.20
10	PETER BENT	AUS	30.27
11	SID HALL	USA	31.26
11	BILL EARLEY	USA	31.26
13	SAM KOOSTRA	USA	31.27
14	LIN MIN-SHAN	TPE	31.34
15	AKIRA OHASHI	JPN	31.39
16	DREN GEER	USA	31.44
17	CARL WOOLLEY	USA	32.09
18	DANIEL CORNWELL	USA	32.24
19	JAMES BOHAN	USA	32.27
20	TERHO POTINKARA	FIN	32.43
21	RICHARD EBREY	USA	33.02
22	BUDDY COLLINS	USA	33.32
23	RICHARD ELLIS	USA	33.43
24	JOHN MARRIOTT	AUS	34.37
25	PETER SENFTLEBEN	GER	35.40
26	MAX FOWLER	NZL	36.14
27	TOSHITSUGU KATO	JPN	36.78
28	MICHAEL LOEBL	USA	36.83
29	JOHN COLE	BRA	37.80
30	ALBERTO MUTAL	ARG	37.95

31	PAUL WIENER	USA	38.17
32	DEAN BRANDT	USA	38.77
33	CHEN JUNG-KUEN	TPE	41.18
34	FRANK DYAR	USA	46.52
35	JOSEPH CREEK	USA	53.55

M E N -- 55-59 -- 100 M. FREE

1	BOB BAILIE	USA	1:02.65
2	KAZUYA NISHINO	JPN	1:04.21
3	YOSHI OYAKAWA	USA	1:04.35
4	Y. TSUKAMOTO	JPN	1:04.85
5	DAVID MCINTYRE	USA	1:04.92
6	WILLIAM ROBERTSON	USA	1:05.50
7	JACK BEATTIE	USA	1:06.09
8	HANS LINDSTROM	SWE	1:07.47
9	DIETER BAGHMANN	GER	1:07.56
10	ANTHONY WESTON	GBR	1:07.66
11	MANFRED STRATE	GER	1:07.83
12	SID HALL	USA	1:09.00
13	SAM KOOSTRA	USA	1:09.16
14	ANTONIO SOARES	BRA	1:09.21
15	DREN GEER	USA	1:09.47
16	LIN MIN-SHAN	TPE	1:11.32
17	DAVID DABOLL	USA	1:11.33
18	BILL EARLEY	USA	1:12.85
19	EVERETT SMETHURST	USA	1:13.41
20	AKIRA OHASHI	JPN	1:15.87
21	JAMES BOHAN	USA	1:16.68
22	EDWARD SPARKS	GBR	1:17.84
23	BUDDY COLLINS	USA	1:18.01
24	RICHARD ELLIS	USA	1:18.94
25	JAMES GARVIN	USA	1:19.39
26	DONALD WUDTKE	USA	1:20.47
27	RICHARD COOKE	USA	1:21.83
28	TOSHITSUGU KATO	JPN	1:21.86
29	KEN PETERS	AUS	1:24.97
30	MAX FOWLER	NZL	1:25.62
31	RANDY KING	USA	1:27.06
32	ROY HAYWOOD	NZL	1:28.56
33	PAUL WIENER	USA	1:29.26
34	DEAN BRANDT	USA	1:29.58
35	JOHN COLE	BRA	1:30.28
36	RICHARD EBREY	USA	1:30.39
37	ALBERTO MUTAL	ARG	1:30.54
38	OLIVER MALTAIS	CAN	1:36.49
39	FRANK DYAR	USA	1:55.93

M E N -- 55-59 -- 200 M. FREE

1	KAZUYA NISHINO	JPN	2:21.33
2	WILLIAM ROBERTSON	USA	2:24.56
3	ERNIE LESKOVITZ	USA	2:27.31
4	BOB BAILIE	USA	2:28.53
5	HANS LINDSTROM	SWE	2:29.30
6	MARTY MENNEN	USA	2:29.52
7	MANFRED STRATE	GER	2:30.77
8	SAM KOOSTRA	USA	2:31.28
9	DIETER BAGHMANN	GER	2:34.56
10	CARL WOOLLEY	USA	2:35.48
11	ANTONIO SOARES	BRA	2:37.15
12	LIN MIN-SHAN	TPE	2:46.40
13	ELMER EGELKRAUT	USA	2:50.28
14	JAMES GARVIN	USA	2:56.80
15	RICHARD CHISHOLM	USA	2:59.39

16	Y. FUJIMOTO	JPN	3:06.56
17	JOSEPH BLACKBURN	USA	3:12.05
18	TOSHITSUGU KATO	JPN	3:12.77
19	KEN PETERS	AUS	3:17.37
20	PETER SENFTLEBEN	GER	3:19.83
21	ROY HAYWOOD	NZL	3:25.19
22	RANDY KING	USA	3:26.40
23	OLIVER MALTAIS	CAN	3:35.92

M E N -- 55-59 -- 400 M. FREE

1	KAZUYA NISHINO	JPN	5:07.62
2	HANS LINDSTROM	SWE	5:21.06
3	WILLIAM ROBERTSON	USA	5:23.98
4	C. LEBOURGEOIS	USA	5:24.24
5	MANFRED STRATE	GER	5:24.35
6	MARTY MENNEN	USA	5:24.82
7	WILLIAM LAUER	USA	5:33.33
8	SAM KOOSTRA	USA	5:36.68
9	GORO TAKAHASHI	JPN	5:38.75
10	JOHN RIDLAND	USA	5:42.22
11	STEPHEN MULLINS	USA	6:12.07
12	LIN MIN-SHAN	TPE	6:18.93
13	RICHARD CHISHOLM	USA	6:22.96
14	JAMES GARVIN	USA	6:23.25
15	SYLVIO SANTOS	BRA	6:25.88
16	RICHARD COOKE	USA	6:29.12
17	Y. FUJIMOTO	JPN	6:36.81
18	TOSHITSUGU KATO	JPN	6:50.81
19	LEO ALGMINAS	USA	7:13.06
20	KEN PETERS	AUS	7:14.94
21	RANDY KING	USA	7:23.72
22	OLIVER MALTAIS	CAN	7:43.12
23	DEAN BRANDT	USA	8:13.08
24	RICHARD EBREY	USA	8:26.64

M E N -- 55-59 -- 800 M. FREE

1	ERNIE LESKOVITZ	USA	10:55.75
2	MANFRED STRATE	GER	11:07.18
3	HANS LINDSTROM	SWE	11:07.42
4	MARTY MENNEN	USA	11:15.24
5	GEORGE BRUNSTAD	USA	11:42.57
6	WILLIAM ROBERTSON	USA	11:45.54
7	DOUGLAS ALPINO	BRA	12:12.95
8	STEPHEN MULLINS	USA	12:47.98
9	ELMER EGELKRAUT	USA	13:03.65
10	VERE LAWRENCE	BAR	13:27.54
11	DICK SMITH	NZL	13:30.42
12	RICHARD CHISHOLM	USA	13:33.80
13	JAMES GARVIN	USA	13:42.26
14	OLIVER MALTAIS	CAN	15:37.22
15	ROY HAYWOOD	NZL	15:55.76

M E N -- 55-59 -- 50 M. BACK

1	YOSHI OYAKAWA	USA	32.94
2	DAVID MCINTYRE	USA	33.36
3	JACK BEATTIE	USA	34.81
4	ANTHONY WESTON	GBR	34.87
5	MARTY MENNEN	USA	35.47
6	BILL EARLEY	USA	35.58
7	PEKKA LUNDBERG	FIN	35.60
8	PETER BENT	AUS	36.14
9	DIETER BAGHMANN	GER	36.89

SWIMMING RESULTS - MEN

10	JAMES BOHAN	USA	37.07	12	WANG LAU	USA	38.39	10	JOSEPH BLOEMEN	NED	3:27.41
11	JOHN GOODE	USA	37.12	13	ARKADIY VOLKOV	RUS	38.55	11	DICK SMITH	NZL	3:28.46
12	DOUGLAS ALPINO	BRA	37.31	14	MILTON GEE	USA	38.81	12	BARRY FASBENDER	USA	3:31.48
13	SID HALL	USA	39.30	15	JOSEPH BLOEMEN	NED	39.23	13	HERMAN RADEMAKER	NED	3:32.04
14	JOHN MARRIOTT	AUS	39.52	16	H.GOEBEL	GER	39.51	14	BILL GIRVAN	NZL	3:49.23
15	TERHO POTINKARA	FIN	42.12	17	DICK SMITH	NZL	39.84	15	OLIVER MALTAIS	CAN	4:05.02
16	ROBERT KOENIG	USA	42.71	18	VALERLY REZCHIKOV	RUS	40.95	16	DEAN BRANDT	USA	4:10.73
17	RICHARD ELLIS	USA	42.93	19	MICHAEL LOEBL	USA	41.40	*****			
18	BUDDY COLLINS	USA	45.40	20	FLAVIO FIGUEIREDO	BRA	41.67	M E N -- 55-59 -- 50 M. FLY			
*****				21	HERMAN RADEMAKER	NED	41.79	*****			
M E N -- 55-59 -- 100 M. BACK				22	AKIRA OHASHI	JPN	41.94	1	BOB BAILIE	USA	30.80
*****				23	DIETER HAUG	SWE	42.26	2	RICARDO SIMI	BRA	31.13
1	YOSHI OYAKAWA	USA	1:13.44	24	LEE PERKINSON	USA	42.36	3	DAVID MCINTYRE	USA	31.45
2	DAVID MCINTYRE	USA	1:14.67	25	JOHN KINNAIRD	AUS	43.12	4	KAZUYA NISHINO	JPN	32.05
3	JACK BEATTIE	USA	1:18.21	26	BILL GIRVAN	NZL	43.24	5	Y.TSUKAMOTO	JPN	32.09
4	MARTY MENNEN	USA	1:19.18	27	MAX FOWLER	NZL	44.96	6	ERNIE LESKOVITZ	USA	32.45
5	BILL EARLEY	USA	1:20.23	28	GIULIANO MARTINI	ITA	46.76	7	ANTONIO SOARES	BRA	32.70
6	ANTHONY WESTON	GBR	1:20.56	29	EDWARD SPARKS	GBR	46.81	8	MANFRED STRATE	GER	32.98
7	PEKKA LUNDBERG	FIN	1:21.81	30	F.PILLEDDU	ITA	47.61	9	RICHARD HANLEY	USA	33.66
8	CHRIS BELL	AUS	1:22.06	31	DANIEL CORNWELL	USA	47.79	10	WILLIAM ROBERTSON	USA	33.77
9	JOHN GOODE	USA	1:23.87	32	ROY HAYWOOD	NZL	47.94	11	PEKKA LUNDBERG	FIN	33.85
10	DOUGLAS ALPINO	BRA	1:24.54	33	CHEN JUNG-KUEN	TPE	47.95	12	WANG YAW-SANG	TPE	34.08
11	DREN GEER	USA	1:25.45	34	JOHN COLE	BRA	48.06	13	JAMES BOHAN	USA	34.15
12	DIETER BAGHMANN	GER	1:26.38	35	DEAN BRANDT	USA	48.76	14	PETER BENT	AUS	34.26
13	CARL WOOLLEY	USA	1:27.61	36	JOSEPH CREEK	USA	1:43.80	15	BOB PATTEN	USA	35.18
14	BARRY FASBENDER	USA	1:28.32	*****				16	JOHN GOODE	USA	36.46
15	PETER BENT	AUS	1:28.99	M E N -- 55-59 -- 100 M. BRST				17	JOSEPH BLOEMEN	NED	36.60
16	JAMES BOHAN	USA	1:31.83	*****				18	FLAVIO FIGUEIREDO	BRA	36.69
17	JOHN MARRIOTT	AUS	1:33.39	1	BELA FABIAN	HUN	1:18.26	19	TERHO POTINKARA	FIN	36.77
18	DONALD RICE	USA	1:33.68	2	MANUEL SANGUILY	USA	1:20.69	19	DONALD RICE	USA	36.77
19	SID HALL	USA	1:34.51	3	THOMAS WALKER	GBR	1:21.06	21	DIETER HAUG	SWE	36.96
20	JOSEPH JANY	USA	1:46.45	4	ROLAND SCHONHAAR	GER	1:21.43	22	DONALD WUDTKE	USA	39.19
21	ROY HAYWOOD	NZL	1:53.10	5	MICKAIL FARAFONOV	RUS	1:21.60	23	EDWARD SPARKS	GBR	41.28
*****				6	KAZUYA NISHINO	JPN	1:22.52	24	BILL GIRVAN	NZL	41.52
M E N -- 55-59 -- 200 M. BACK				7	BOB PATTEN	USA	1:22.80	25	RICHARD ELLIS	USA	41.67
*****				8	DAVID DABOLL	USA	1:22.87	26	F.PILLEDDU	ITA	42.24
1	RICHARD HANLEY	USA	2:47.15	9	PETER BELL	CAN	1:23.03	27	BUDDY COLLINS	USA	43.17
2	JACK BEATTIE	USA	2:49.37	10	Y.TSUKAMOTO	JPN	1:24.09	28	PETER SENFTLEBEN	GER	43.59
3	MARTY MENNEN	USA	2:50.32	11	MILTON GEE	USA	1:26.47	29	GIULIANO MARTINI	ITA	43.67
4	THOMAS WALKER	GBR	2:54.35	12	WANG LAU	USA	1:27.80	30	JOHN KINNAIRD	AUS	44.07
5	CHRIS BELL	AUS	2:54.92	13	ARKADIY VOLKOV	RUS	1:28.41	31	TOSHITSUGU KATO	JPN	46.14
6	DOUGLAS ALPINO	BRA	2:56.86	14	H.GOEBEL	GER	1:30.86	32	KEN PETERS	AUS	59.55
7	PEKKA LUNDBERG	FIN	3:00.54	15	JOSEPH BLOEMEN	NED	1:31.81	*****			
8	BILL EARLEY	USA	3:04.90	16	DICK SMITH	NZL	1:32.93	M E N -- 55-59 -- 100 M. FLY			
9	BARRY FASBENDER	USA	3:06.90	17	VALERLY REZCHIKOV	RUS	1:33.24	*****			
10	DREN GEER	USA	3:07.58	18	JAMES BOHAN	USA	1:33.89	1	RICARDO SIMI	BRA	1:13.75
11	JOHN GOODE	USA	3:13.16	19	HERMAN RADEMAKER	NED	1:34.75	2	ERNIE LESKOVITZ	USA	1:13.98
12	RUSSELL SMITH	AUS	3:15.62	20	MICHAEL LOEBL	USA	1:38.40	3	DAVID MCINTYRE	USA	1:16.62
13	PETER BENT	AUS	3:24.27	21	JOHN KINNAIRD	AUS	1:44.39	4	BOB PATTEN	USA	1:19.13
14	JOHN MARRIOTT	AUS	3:26.98	22	ROY HAYWOOD	NZL	1:48.77	5	WILLIAM LAUER	USA	1:19.74
15	JIMMY GOLDMAN	USA	3:41.68	23	MAX FOWLER	NZL	1:50.65	6	DIETER BAGHMANN	GER	1:20.96
*****				24	DEAN BRANDT	USA	1:50.83	7	CHRIS BELL	AUS	1:23.43
M E N -- 55-59 -- 50 M. BRST				25	OLIVER MALTAIS	CAN	1:53.20	8	DONALD RICE	USA	1:25.98
*****				*****				9	BARRY FASBENDER	USA	1:28.29
1	MICKAIL FARAFONOV	RUS	35.20	M E N -- 55-59 -- 200 M. BRST				10	JOSEPH BLOEMEN	NED	1:30.02
2	BELA FABIAN	HUN	35.40	*****				11	ELMER EGELKRAUT	USA	1:34.23
3	WANG YAW-SANG	TPE	35.43	1	THOMAS WALKER	GBR	2:56.32	12	BILL GIRVAN	NZL	1:37.42
4	Y.TSUKAMOTO	JPN	35.59	2	BELA FABIAN	HUN	2:56.58	13	TERHO POTINKARA	FIN	1:37.94
5	THOMAS WALKER	GBR	35.80	3	ROLAND SCHONHAAR	GER	3:01.54	14	JOSEPH WROBEL	USA	2:04.14
6	DAVID DABOLL	USA	35.88	4	KAZUYA NISHINO	JPN	3:02.92	*****			
7	MANUEL SANGUILY	USA	36.20	5	BOB PATTEN	USA	3:04.45	M E N -- 55-59 -- 200 M. FLY			
8	ANTHONY WESTON	GBR	36.28	6	DAVID DABOLL	USA	3:09.54	*****			
9	ROLAND SCHONHAAR	GER	36.41	7	WANG LAU	USA	3:12.91	1	RICARDO SIMI	BRA	2:49.40
10	PETER BELL	CAN	38.06	8	MILTON GEE	USA	3:21.05	2	WILLIAM LAUER	USA	3:08.71
11	BOB PATTEN	USA	38.35	9	H.GOEBEL	GER	3:22.90	3	GORO TAKAHASHI	JPN	3:09.54

SWIMMING RESULTS - MEN

4	THOMAS WALKER	GBR	3:09.69	13	MAURICE FOSTER	BAR	32.73	1	DONALD HILL	USA	2:23.11
5	C.LEBOURGEOIS	USA	3:13.69	14	CHRIS SMITH	CAN	32.82	2	GRAHAM JOHNSTON	USA	2:28.93
6	RICHARD HANLEY	USA	3:15.94	15	GERALD MARKOFF	USA	32.99	3	IMRE NYEKI	HUN	2:30.69
7	BARRY FASBENDER	USA	3:19.74	16	FRED TRASK	USA	33.28	3	BOB BARRY	AUS	2:30.69
8	HANS LINDSTROM	SWE	3:20.42	17	FRANCIS MCAREE	USA	33.33	5	HITOSHI KATO	JPN	2:32.01
9	CHRIS BELL	AUS	3:21.64	18	KENNETH KIMBALL	USA	33.48	6	ARAM BOGHOSSIAN	BRA	2:35.80
10	WANG LAU	USA	3:31.85	19	TOM LYNDON	USA	33.61	7	WAYNE LEENGRAN	USA	2:36.95
11	RUSSELL SMITH	AUS	3:32.51	20	DEREK THOMPSON	GBR	33.63	8	ERIC YOUNGQUIST	USA	2:39.56
12	ROBERT FOX	USA	3:33.41	21	HELMUT SCHORLER	GER	34.03	9	ROBERT KLAGES	USA	2:39.87
13	BILL GIRVAN	NZL	3:43.66	22	ANGUS CAMPOS	MEX	34.12	10	FRED TRASK	USA	2:45.12
14	DIETER HAUG	SWE	3:44.56	23	JORDAN WOLLE	USA	34.69	11	TOSHIO ENOMOTO	JPN	2:47.35
15	DONALD WUDTKE	USA	3:53.23	24	YASUSHI TSUSHIMA	JPN	34.83	12	ANGUS CAMPOS	MEX	2:49.19
16	Y.FUJIMOTO	JPN	4:29.05	25	GERHARD GESCHKE	GER	34.86	13	SIDNEY SALEK	NZL	2:49.94
*****				26	EUMIAKI KATO	JPN	34.96	14	WOLFGANG JONTZA	GER	2:52.93
M E N -- 55-59 -- 200 M. I.M.				27	MILAN HLAVA	CZE	35.15	15	GERALD MARKOFF	USA	2:55.62
*****				28	DAVID VEAR	USA	35.45	16	FRANCIS MCAREE	USA	2:56.14
1	DAVID COSTILL	USA	2:49.79	29	AKIO MIYANAGA	JPN	36.13	17	JORDAN WOLLE	USA	2:58.41
2	ANTHONY WESTON	GBR	2:52.90	30	DONALD MILLER	USA	37.54	18	DEREK THOMPSON	GBR	3:00.00
3	THOMAS WALKER	GBR	2:54.34	31	LAWRENCE THOMPSON	USA	38.64	19	BOB BEACH	USA	3:00.82
4	WILLIAM LAUER	USA	2:54.45	32	ROSS BARR	USA	38.88	20	GERHARD GROSSER	GER	3:09.16
5	CHRIS BELL	AUS	2:54.91	33	FERNAN BARRERA	MEX	43.67	21	CHRIS SMITH	CAN	3:10.13
6	CARL WOOLLEY	USA	2:59.59	34	FERNANDO CERVERA	MEX	44.36	22	ANDY SEARS	USA	3:10.27
7	PEKKA LUNDBERG	FIN	3:10.55	35	JAMES MECK	USA	46.20	23	ROSS BARR	USA	3:22.64
8	DICK SMITH	NZL	3:18.25	36	HAROLD VIZINO	USA	52.45	24	TOSHIO HARA	JPN	3:28.45
9	DIETER HAUG	SWE	3:18.29	37	BENITO FICCARRA	ARG	59.81	25	FERNANDO CERVERA	MEX	3:34.35
10	TERHO POTINKARA	FIN	3:22.37	*****				*****			
11	HERMAN RADEMAKER	NED	3:28.39	M E N -- 60-64 -- 100 M. FREE				M E N -- 60-64 -- 400 M. FREE			
12	ROBERT KOENIG	USA	3:29.54	*****				*****			
13	JOSEPH JANY	USA	3:31.88	1	DONALD HILL	USA	1:02.80	1	GRAHAM JOHNSTON	USA	5:09.21
14	RICHARD CHISHOLM	USA	3:34.62	2	BOB BARRY	AUS	1:06.79	2	WALLIE JEFFRIES	USA	5:18.92
15	Y.FUJIMOTO	JPN	3:42.25	3	CHARLES BALDWIN	USA	1:07.42	3	HITOSHI KATO	JPN	5:28.90
16	JOSEPH WROBEL	USA	4:01.20	4	GRAHAM JOHNSTON	USA	1:10.13	4	WAYNE LEENGRAN	USA	5:42.63
*****				5	ARAM BOGHOSSIAN	BRA	1:10.68	5	ARAM BOGHOSSIAN	BRA	5:43.50
M E N -- 55-59 -- 400 M. I.M.				6	ANDRE CHICARD	FRA	1:10.87	6	MASSAYASU KAMIYA	JPN	5:44.13
*****				7	PHILIP CHAPMAN	USA	1:12.30	7	ROBERT KLAGES	USA	5:47.53
1	CARL WOOLLEY	USA	6:19.68	8	WAYNE LEENGRAN	USA	1:12.35	8	ERIC YOUNGQUIST	USA	5:53.47
2	CHRIS BELL	AUS	6:22.14	9	TETSO ASHIZAWA	JPN	1:12.40	9	FRED TRASK	USA	6:01.59
3	JACK BEATTIE	USA	6:30.44	10	FRED TRASK	USA	1:13.20	10	ANGUS CAMPOS	MEX	6:03.53
4	GORO TAKAHASHI	JPN	6:32.35	11	DICK WEBBER	USA	1:13.90	11	JOHN LENARD	USA	6:05.76
5	GEORGE BRUNSTAD	USA	6:34.94	12	ROBERT KLAGES	USA	1:14.03	12	SIDNEY SALEK	NZL	6:07.41
6	WILLIAM LAUER	USA	6:35.16	13	ALFRED BEHRENDSEN	USA	1:14.33	13	PETER PIROW	USA	6:08.33
7	DAVID DABOLL	USA	6:38.74	14	FRANCIS MCAREE	USA	1:15.22	14	WOLFGANG JONTZA	GER	6:13.31
8	BARRY FASBENDER	USA	6:52.59	15	MAURICE FOSTER	BAR	1:16.35	15	KENNETH KIMBALL	USA	6:13.67
9	RUSSELL SMITH	AUS	7:07.88	16	GERALD MARKOFF	USA	1:16.53	16	BOB BEACH	USA	6:20.89
10	DIETER HAUG	SWE	7:16.14	17	ANDY SEARS	USA	1:16.82	17	L.ASENSI-GALIANA	ESP	6:27.98
11	DICK SMITH	NZL	7:22.19	18	ANGUS CAMPOS	MEX	1:16.86	18	GERHARD GESCHKE	GER	6:29.52
12	JOHN GOODE	USA	7:36.17	19	JORDAN WOLLE	USA	1:17.31	19	FRANCIS MCAREE	USA	6:32.38
13	BILL GIRVAN	NZL	7:49.75	20	YASUSHI TSUSHIMA	JPN	1:20.69	20	JORDAN WOLLE	USA	6:33.22
14	Y.FUJIMOTO	JPN	8:11.06	21	EUMIAKI KATO	JPN	1:20.86	21	JOHN DAILY	USA	6:40.61
15	ROBERT KOENIG	USA	8:19.33	22	DEREK THOMPSON	GBR	1:21.07	22	GERHARD GROSSER	GER	6:43.94
*****				23	BOB BEACH	USA	1:21.17	23	DEREK THOMPSON	GBR	6:46.55
M E N -- 60-64 -- 50 M. FREE				24	GENE DONNER	USA	1:21.76	24	GENE DONNER	USA	6:50.74
*****				25	TOM LYNDON	USA	1:22.74	25	TOSHIO HARA	JPN	7:24.03
1	DONALD HILL	USA	27.86	26	GERHARD GROSSER	GER	1:24.18	26	PARTICK QUINN	USA	7:42.85
2	CHARLES BALDWIN	USA	29.50	27	DAVID VEAR	USA	1:24.30	27	FERNANDO CERVERA	MEX	7:45.41
3	PHILIP CHAPMAN	USA	30.48	28	LAWRENCE THOMPSON	USA	1:30.24	*****			
4	HAROLD BEGEL	USA	30.52	29	ROSS BARR	USA	1:30.45	M E N -- 60-64 -- 800 M. FREE			
5	TETSO ASHIZAWA	JPN	30.62	30	AKIO MIYANAGA	JPN	1:32.39	*****			
6	JOHN KORTHEUER	USA	30.82	31	FERNANDO CERVERA	MEX	1:36.03	1	GRAHAM JOHNSTON	USA	10:42.19
7	DICK WEBBER	USA	30.85	32	KEITH WAKE	AUS	1:42.19	2	DONALD HILL	USA	11:03.20
8	BOB BARRY	AUS	31.10	33	JAMES MECK	USA	1:44.31	3	ERIC YOUNGQUIST	USA	11:45.78
9	ANDRE CHICARD	FRA	31.26	34	FERNAN BARRERA	MEX	1:51.48	4	WAYNE LEENGRAN	USA	11:48.71
10	CLIFF WARD	GBR	31.60	*****				5	ARAM BOGHOSSIAN	BRA	12:08.90
11	ARAM BOGHOSSIAN	BRA	31.77	M E N -- 60-64 -- 200 M. FREE				6	ROBERT KLAGES	USA	12:10.38
12	ANDY SEARS	USA	31.96	*****				7	PETER PIROW	USA	12:32.31

SWIMMING RESULTS - MEN

8 ANGUS CAMPOS MEX 12:39.39
9 SIDNEY SALEK NZL 12:49.88
10 GABRIEL GUIHO FRA 12:57.17
11 GERHARD GESCHKE GER 13:01.38
12 BOB BEACH USA 13:02.27
13 FRED TRASK USA 13:11.52
14 WOLFGANG JONTZA GER 13:14.11
15 JOHNNY LYSSELL SWE 13:18.46
16 JORDAN WOLLE USA 13:29.66
17 GERHARD GROSSER GER 14:03.01
18 WILLIAM CANNON USA 14:25.39
19 ROSS BARR USA 15:17.27
20 FERNANDO CERVERA MEX 15:49.71

M E N -- 60-64 -- 50 M. BACK

1 CLIFF WARD GBR 35.42
2 BOB BARRY AUS 36.15
3 AULIS KAHKONEN USA 36.33
4 HAROLD BEGEL USA 37.36
5 MAMPEI SEINO JPN 38.22
6 HORACE KNOWLTON USA 38.30
7 ANDRE CHICARD FRA 39.01
8 FORREST SULLIVAN USA 39.22
9 JOHNNY LYSSELL SWE 40.26
10 GERALD MARKOFF USA 40.55
11 KENNETH KIMBALL USA 40.59
12 HELMUT SCHORLER GER 40.60
13 ALFRED BEHRENDSEN USA 40.65
14 WILLIAM CLINTON USA 40.70
15 MAURICE FOSTER BAR 41.60
16 JORGE DRENKARD ARG 41.64
17 GERHARD GROSSER GER 41.69
18 GENE DONNER USA 44.26
19 GABRIEL GUIHO FRA 44.48
20 GLENN PHILLIPS USA 45.47
21 IVAN CHALFIE USA 48.59
22 THOMAS MICHELSON USA 49.37
23 MINORU YAMAGUCHI JPN 50.84
24 LAWRENCE THOMPSON USA 51.19
25 HEINZ KIRSCH GER 52.67
26 JAMES MECK USA 55.56
27 OSVALDO BOTTE ARG 55.85
28 RAMON KLITZKE USA 56.91
29 KEITH WAKE AUS 1:07.08
30 FERNAN BARRERA MEX 1:10.59

M E N -- 60-64 -- 100 M. BACK

1 IMRE NYEKI HUN 1:16.38
2 BOB BARRY AUS 1:19.07
3 CLIFF WARD GBR 1:23.25
4 HAROLD BEGEL USA 1:23.99
5 MAMPEI SEINO JPN 1:24.28
6 HORACE KNOWLTON USA 1:25.54
7 GUNTER KUANEL GER 1:27.30
8 KENNETH KIMBALL USA 1:29.60
9 FORREST SULLIVAN USA 1:29.67
10 WILLIAM CLINTON USA 1:30.83
11 ANDRE CHICARD FRA 1:31.13
12 EDWARD ROSENHAUER USA 1:33.59
13 GERALD MARKOFF USA 1:34.06
14 HELMUT SCHORLER GER 1:35.52
15 JORGE DRENKARD ARG 1:36.24
16 JOHN DAILY USA 1:37.79

17 GABRIEL GUIHO FRA 1:38.18
18 GERHARD GROSSER GER 1:39.94
19 LAWRENCE THOMPSON USA 2:01.23
20 FERNANDO CERVERA MEX 2:05.09
21 RAMON KLITZKE USA 2:07.37
22 HEINZ KIRSCH GER 2:07.72

M E N -- 60-64 -- 200 M. BACK

1 IMRE WYEKI HUN 2:49.36
2 BOB BARRY AUS 2:50.20
3 MAMPEI SEINO JPN 3:06.27
4 HORACE KNOWLTON USA 3:09.18
5 KENNETH KIMBALL USA 3:12.78
6 GUNTER KUANEL GER 3:15.23
7 ALFRED BEHRENDSEN USA 3:18.07
8 FORREST SULLIVAN USA 3:20.95
9 TETSO ASHIZAWA JPN 3:22.43
10 FRED BARTLETT USA 3:24.27
11 WILLIAM CLINTON USA 3:28.16
12 JORGE DRENKARD ARG 3:33.26
13 GABRIEL GUIHO FRA 3:34.53
14 GENE DONNER USA 3:36.54
15 JOHN DAILY USA 3:38.36
16 VITTORIO MELETTI ITA 3:54.97
17 RAMON KLITZKE USA 4:21.02
18 LAWRENCE THOMPSON USA 4:24.61

M E N -- 60-64 -- 50 M. BRST

1 JOHN KORTHEUER USA 36.32
2 AULIS KAHKONEN USA 37.13
3 CHARLES BALDWIN USA 37.68
4 WERNER KRAUSE GER 39.16
5 EDUARDO MARTINEZ ARG 39.20
6 SEYMOUR BOORSTEIN USA 39.48
7 BRUNELLO GRAJA ITA 39.87
8 JOHNNY LYSSELL SWE 40.20
9 DANIEL GRUENDER USA 40.23
10 ALLEN DUFFY AUS 40.36
11 PHILIP CHAPMAN USA 40.37
12 ROBERT BADGER USA 41.26
13 JEAN ANDRIEU FRA 41.69
14 DOUGLAS SCOTT USA 41.81
15 EDUARDO GOYRI ARG 41.99
16 JOSE PELLEGRINO BRA 42.67
16 SU CHUNG-KWANG TPE 42.67
18 GLENN PHILLIPS USA 43.15
19 MAURICE FOSTER BAR 43.76
20 ALFRED BEHRENDSEN USA 43.98
21 KASPAR BREUER GER 45.24
22 AKIO MIYANAGA JPN 45.44
23 IVAN CHALFIE USA 45.93
24 TSUTAE KOMATSU JPN 47.71
25 PARTICK QUINN USA 48.17
26 ANGEL DELGADO PER 48.58
27 WILLIAM CALLENDER USA 48.86
28 NESTOR ESTEVEZ ARG 49.34
29 MINORU TAKATA JPN 51.94
30 MARTIN NIETO MEX 53.48
31 HEINZ KIRSCH GER 54.01
32 KEITH WAKE AUS 56.08
33 FERNAN BARRERA MEX 1:03.36

M E N -- 60-64 -- 100 M. BRST

1 JOHN KORTHEUER USA 1:22.91
2 AULIS KAHKONEN USA 1:23.90
3 BRUNELLO GRAJA ITA 1:27.48
4 SEYMOUR BOORSTEIN USA 1:29.92
5 WERNER KRAUSE GER 1:30.07
6 CHARLES BALDWIN USA 1:30.23
7 EDUARDO MARTINEZ ARG 1:31.71
8 JOHN MASTERS USA 1:31.92
9 EDUARDO GOYRI ARG 1:34.29
10 JOHNNY LYSSELL SWE 1:35.05
11 DANIEL GRUENDER USA 1:35.42
12 DOUGLAS SCOTT USA 1:35.46
13 JEAN ANDRIEU FRA 1:35.61
14 SU CHUNG-KWANG TPE 1:36.63
15 ROBERT BADGER USA 1:37.09
16 JOSE PELLEGRINO BRA 1:37.69
17 WILLIAM CANNON USA 1:42.72
18 TSUTAE KOMATSU JPN 1:43.18
19 KASPAR BREUER GER 1:43.29
20 CHRIS SMITH CAN 1:43.93
21 GLENN PHILLIPS USA 1:44.04
22 WANG RO HAI CHN 1:46.17
23 ANGEL DELGADO PER 1:49.92
24 THOMAS MICHELSON USA 1:51.28
25 RICHARD FRYLING USA 1:51.76
26 WILLIAM CALLENDER USA 1:52.21
27 MINORU TAKATA JPN 1:58.00
28 MARTIN NIETO MEX 2:06.05
29 RAMON KLITZKE USA 2:11.27

M E N -- 60-64 -- 200 M. BRST

1 JOHN KORTHEUER USA 3:09.84
2 BRUNELLO GRAJA ITA 3:13.94
3 EDUARDO MARTINEZ ARG 3:24.26
4 SEYMOUR BOORSTEIN USA 3:27.89
5 JOHNNY LYSSELL SWE 3:31.99
6 DANIEL GRUENDER USA 3:33.59
7 SU CHUNG-KWANG TPE 3:33.70
8 EDUARDO GOYRI ARG 3:34.46
9 PETER PIROW USA 3:35.35
10 DOUGLAS SCOTT USA 3:35.66
11 ALLEN DUFFY AUS 3:36.01
12 TSUTAE KOMATSU JPN 3:36.20
13 SIDNEY SALEK NZL 3:37.40
14 JOSE PELLEGRINO BRA 3:39.62
15 JEAN ANDRIEU FRA 3:44.66
16 CHRIS SMITH CAN 3:48.65
17 FRED BARTLETT USA 3:48.95
18 WILLIAM CANNON USA 3:50.23
19 JOHN DAILY USA 3:50.65
20 GLENN PHILLIPS USA 3:52.85
21 WILLIAM CALLENDER USA 3:59.57
22 RICHARD FRYLING USA 4:00.82
23 ANGEL DELGADO PER 4:13.01
24 MINORU TAKATA JPN 4:20.44
25 MARTIN NIETO MEX 4:27.08
26 DONALD MILLER USA 4:27.36
27 KEITH WAKE AUS 4:43.66
28 RAMON KLITZKE USA 5:15.05

M E N -- 60-64 -- 50 M. FLY

1 HITOSHI KATO JPN 32.67

SWIMMING RESULTS - MEN

2	CHARLES BALDWIN	USA	33.01	15	DUDLEY TARLTON	USA	3:58.33	12	ROBERT BLOEBAUM	USA	34.66
3	MASAYASU KAMIYA	JPN	33.28	16	THOMAS MICHELSON	USA	3:59.26	13	GINTER UNKEL	GER	34.70
4	HAROLD BEGEL	USA	33.54	17	VITTORIO MELETTI	ITA	3:59.56	13	HANS KIRSCH	GER	34.70
5	TOSHIO ENOMOTO	JPN	35.32	18	TOSHIO HARA	JPN	4:07.41	15	DON HUBBARD	USA	35.44
6	ALLEN DUFTY	AUS	37.32	19	EDWARD LEVY	USA	4:15.19	16	ALBERT EBBINGHAUS	USA	35.53
7	FORREST SULLIVAN	USA	37.49	20	RICHARD FRYLING	USA	4:20.20	17	K.BOLLMANN	GER	36.56
8	JOSE PELLEGRINO	BRA	37.58	21	WILLIAM CANNON	USA	4:24.22	18	JOSE RIBEIRO	BRA	36.60
9	ROBERT BADGER	USA	37.67	*****	*****	*****	*****	19	ERNESTO ORLANDO	ARG	37.80
10	DICK WEBBER	USA	37.71	M E N -- 60-64 -- 200 M. I.M.	*****	*****	*****	20	SAMIR GHARBO	USA	38.43
11	YASUSHI TSUSHIMA	JPN	37.85	*****	*****	*****	*****	21	JACK WISMAN	USA	39.41
12	EDWARD LEVY	USA	38.90	1	GRAHAM JOHNSTON	USA	2:54.26	22	ALEX MCINTOSH	USA	40.85
13	MILAN HLAVA	CZE	40.41	2	HITOSHI KATO	JPN	2:59.76	23	MINORU JINNO	JPN	41.74
14	EDWARD ROSENHAUER	USA	40.55	3	MASAYASU KAMIYA	JPN	3:04.95	24	JIM DUNNING	NZL	41.98
15	DUDLEY TARLTON	USA	40.91	4	JOHN MASTERS	USA	3:05.99	25	CHARLES BELKNAP	USA	43.06
16	GERHARD GESCHKE	GER	41.91	5	HORACE KNOWLTON	USA	3:10.74	26	LEONARD LAWSON	RSA	45.55
17	DAVID VEAR	USA	42.54	6	GUNTER KUANEL	GER	3:11.85	27	KAORU SHIBATA	JPN	46.75
17	VITTORIO MELETTI	ITA	42.54	7	BRUNELLO GRAJA	ITA	3:13.22	28	GUILLERM PAZOS	MEX	47.41
19	CHRIS SMITH	CAN	43.08	8	JOHNNY LYSSELL	SWE	3:19.46	*****	*****	*****	*****
20	GLENN PHILLIPS	USA	43.40	9	PETER PIROW	USA	3:20.50	M E N -- 65-69 -- 100 M. FREE	*****	*****	*****
21	TOSHIO HARA	JPN	45.71	10	FRED BARTLETT	USA	3:20.97	*****	*****	*****	*****
22	IVAN CHALFIE	USA	45.90	11	EDUARDO MARTINEZ	ARG	3:24.83	1	ROBERT BLAKE	USA	1:12.14
23	ANDY SEARS	USA	46.39	12	EDWARD ROSENHAUER	USA	3:29.11	2	SHIZUO KONISHI	JPN	1:13.24
24	DONALD MILLER	USA	46.46	13	GERALD MARKOFF	USA	3:31.91	3	BOB WHITE	USA	1:13.75
25	WILLIAM CALLENDER	USA	46.95	14	JOHN DAILY	USA	3:32.43	4	JOHN FLORANCE	USA	1:14.45
26	EUMIAKI KATO	JPN	48.61	15	DICK WEBBER	USA	3:32.87	5	KEITH CARTER	USA	1:14.51
27	OSVALDO BOTTE	ARG	50.18	16	ROBERT BADGER	USA	3:38.20	6	PERRY ROCKWELL	USA	1:14.71
28	MINORU TAKATA	JPN	59.38	17	CHRIS SMITH	CAN	3:39.55	7	KEVIN VICKERY	AUS	1:15.55
29	LAWRENCE THOMPSON	USA	59.53	18	RICHARD FRYLING	USA	3:49.02	8	LOTHAR KREMER	GER	1:16.26
*****	*****	*****	*****	19	DAVID VEAR	USA	3:56.17	9	RICHARD LEIGH	USA	1:17.25
M E N -- 60-64 -- 100 M. FLY	*****	*****	*****	20	DONALD MILLER	USA	4:01.94	10	HANS KIRSCH	GER	1:17.65
*****	*****	*****	*****	*****	*****	*****	*****	11	WAYNE SHADBOLT	USA	1:19.07
1	MASAYASU KAMIYA	JPN	1:21.22	M E N -- 60-64 -- 400 M. I.M.	*****	*****	*****	12	ROBERT BLOEBAUM	USA	1:19.55
2	HAROLD BEGEL	USA	1:21.49	*****	*****	*****	*****	13	JACK TRUBY	USA	1:20.87
3	TOSHIO ENOMOTO	JPN	1:22.06	1	GRAHAM JOHNSTON	USA	6:22.20	14	FRANK GRANNIS	USA	1:21.63
4	JOHN MASTERS	USA	1:25.01	2	JOHN MASTERS	USA	6:40.88	15	WILLIAM AUSTIN	USA	1:22.02
5	GERHARD GESCHKE	GER	1:31.49	3	MASAYASU KAMIYA	JPN	6:47.03	16	GINTER UNKEL	GER	1:22.31
6	ALLEN DUFTY	AUS	1:33.59	4	JOHN LENARD	USA	6:51.05	17	DONALD KILB	USA	1:22.47
7	MICHAEL TORSNEY	CAN	1:33.61	5	BRUNELLO GRAJA	ITA	6:54.77	18	ALBERT EBBINGHAUS	USA	1:22.94
8	EDWARD ROSENHAUER	USA	1:35.82	6	GUNTER KUANEL	GER	6:57.81	19	SHOZO IZUNO	JPN	1:22.96
9	JOSE PELLEGRINO	BRA	1:36.08	7	PETER PIROW	USA	7:05.94	20	FRIEDRICH HUEBNER	GER	1:26.11
10	WILLIAM CLINTON	USA	1:39.33	8	SIDNEY SALEK	NZL	7:08.09	21	SEITA INAYOSHI	JPN	1:28.26
11	DOUGLAS SCOTT	USA	1:40.25	9	FRED BARTLETT	USA	7:11.15	21	SEIICHI MATSUURA	JPN	1:28.26
12	WILLIAM CANNON	USA	1:40.65	10	ALLEN DUFTY	AUS	7:16.13	23	JOSE RIBEIRO	BRA	1:28.84
13	VITTORIO MELETTI	ITA	1:45.09	11	MICHAEL TORSNEY	CAN	7:36.48	24	KEN MARCHANT	CAN	1:29.06
14	TOSHIO HARA	JPN	1:46.08	12	WILLIAM CANNON	USA	7:54.09	25	JACK WISMAN	USA	1:31.67
15	EDWARD LEVY	USA	1:46.49	13	VITTORIO MELETTI	ITA	7:54.88	26	AKIRA SATO	JPN	1:32.22
16	WILLIAM CALLENDER	USA	1:50.67	14	JOHN DAILY	USA	7:56.97	27	SAMIR GHARBO	USA	1:34.94
17	RICHARD FRYLING	USA	1:52.30	15	THOMAS MICHELSON	USA	8:06.62	28	ALEX MCINTOSH	USA	1:37.97
*****	*****	*****	*****	16	RICHARD FRYLING	USA	8:22.58	29	CHARLES BELKNAP	USA	1:41.98
M E N -- 60-64 -- 200 M. FLY	*****	*****	*****	17	TOSHIO HARA	JPN	8:31.61	30	LEONARD LAWSON	RSA	1:43.09
*****	*****	*****	*****	18	DONALD MILLER	USA	8:43.15	31	HIRONAO TAKENAKA	JPN	1:46.73
1	JOHN MASTERS	USA	3:12.79	*****	*****	*****	*****	32	KAORU SHIBATA	JPN	1:50.50
2	TOSHIO ENOMOTO	JPN	3:14.90	M E N -- 65-69 -- 50 M. FREE	*****	*****	*****	33	JIM DUNNING	NZL	1:52.13
3	MASAYASU KAMIYA	JPN	3:21.62	*****	*****	*****	*****	34	GUILLERM PAZOS	MEX	1:57.87
4	BRUNELLO GRAJA	ITA	3:22.53	*****	*****	*****	*****	*****	*****	*****	*****
5	JOHN LENARD	USA	3:26.21	1	A.SANGSTER	ECU	30.58	M E N -- 65-69 -- 200 M. FREE	*****	*****	*****
6	GERHARD GESCHKE	GER	3:26.93	2	ISAO IKEGAMI	JPN	30.78	*****	*****	*****	*****
7	MICHAEL TORSNEY	CAN	3:36.10	3	KEITH CARTER	USA	31.13	1	WINTHROP WILSON	USA	2:39.50
8	PETER PIROW	USA	3:36.36	4	JOHN FLORANCE	USA	31.57	2	A.SANGSTER	ECU	2:39.63
9	BUD BITZER	USA	3:39.12	5	PERRY ROCKWELL	USA	31.79	3	KEVIN VICKERY	AUS	2:50.29
10	ALLEN DUFTY	AUS	3:39.19	6	RICHARD LEIGH	USA	32.21	4	SHIZUO KONISHI	JPN	2:51.62
11	JOSE PELLEGRINO	BRA	3:39.33	7	ROBERT BLAKE	USA	32.27	5	ROBERT BLAKE	USA	2:55.07
12	SIDNEY SALEK	NZL	3:44.45	8	LOTHAR KREMER	GER	32.41	6	LOTHAR KREMER	GER	3:00.05
13	DOUGLAS SCOTT	USA	3:48.79	9	SHIZUO KONISHI	JPN	33.18	7	WAYNE SHADBOLT	USA	3:01.80
14	L.ASENSI-GALIANA	ESP	3:54.11	10	JACK TRUBY	USA	33.54	8	HANS KIRSCH	GER	3:05.29
				11	FRANK GRANNIS	USA	34.44				

SWIMMING RESULTS - MEN

9	PERRY ROCKWELL	USA	3:08.25	11	GLYNN JONES	USA	14:33.58	10	JAMES EDWARDS	USA	3:44.55
10	GLYNN JONES	USA	3:10.50	12	TOM BRERETON	NZL	14:42.93	11	NORMAN GARSOE	USA	3:51.81
11	JAMES EDWARDS	USA	3:10.60	13	OTTO FISCHER	GER	14:49.93	12	BJ HANSEN	USA	3:55.34
12	EMANUELE DELPINO	ITA	3:13.35	14	ELLIOTT SCHOFIELD	USA	15:03.37	13	BRUCE SUMNER	USA	4:06.99
13	FRIEDRICH HUEBNER	GER	3:17.42	15	JACK WISMAN	USA	15:11.06	14	GEORGE ROUDEBUSH	USA	4:25.88
14	ELLIOTT SCHOFIELD	USA	3:19.79	16	JOSEPH SELIBER	USA	15:11.53	*****			
15	DOUGLAS STRONG	USA	3:21.57	17	KEN MARCHANT	CAN	15:21.05	M E N -- 65-69 -- 50 M. BRST			
16	VESTER BOONE	USA	3:26.47	18	VESTER BOONE	USA	15:33.82	*****			
17	JACK WISMAN	USA	3:28.03	*****				1	FRITZ KLAPPROTH	GER	39.73
18	AKIRA SATO	JPN	3:28.52	M E N -- 65-69 -- 50 M. BACK				2	JOSEPH KURTZMAN	USA	39.86
19	JOSEPH SELIBER	USA	3:29.72	*****				3	KARL HEINZ KNOPS	GER	40.27
20	KEN MARCHANT	CAN	3:32.26	1	ROGER FRANKS	USA	37.17	4	TOSHIO TAJIMA	JPN	40.31
21	LEONARD LAWSON	RSA	3:42.28	2	GEORGE GANDSEY	USA	38.73	5	MORRIS MATHEWS	USA	40.74
22	ARTHUR CROSS	USA	3:48.51	3	BOB WHITE	USA	39.72	6	ERNESTO ORLANDO	ARG	41.17
23	KAORU SHIBATA	JPN	4:31.86	4	ROBERT BLOEBAUM	USA	41.41	7	LOTHAR KREMER	GER	41.36
*****				5	LOTHAR KREMER	GER	41.54	8	PAUL MUEMPFFER	GER	41.37
M E N -- 65-69 -- 400 M. FREE				6	RALPH PERRY	USA	41.55	9	ISAO IKEGAMI	JPN	41.73
*****				7	WALTER SCHOBBER	AUS	41.60	10	ESKO SALONEN	FIN	42.03
1	A. SANGSTER	ECU	5:46.11	8	JOSEPH STAUNTON	USA	42.98	11	GEORGE MCVEY	USA	42.09
2	ROGER FRANKS	USA	5:48.38	9	GEORGE MELICK	USA	43.58	12	JOHN VIDAL	AUS	42.23
3	ISAO IKEGAMI	JPN	6:07.69	10	JACK TRUBY	USA	43.97	13	GINTER UNKEL	GER	43.21
4	BOB WHITE	USA	6:11.32	11	GINTER UNKEL	GER	44.07	14	WILLIAM AUSTIN	USA	44.02
5	KEVIN VICKERY	AUS	6:13.44	12	SHIZUO KONISHI	JPN	44.09	15	TOM LOGAN	NZL	44.10
6	SHIZUO KONISHI	JPN	6:14.72	13	ELLIOTT SCHOFIELD	USA	44.87	16	JOHN FLORANCE	USA	44.50
7	MORRIS MATHEWS	USA	6:24.56	14	ROBERT RISLEY	USA	45.45	17	GEORGE MELICK	USA	44.52
8	ROBERT BLAKE	USA	6:28.27	15	BRUCE SUMNER	USA	45.46	18	K. BOLLMANN	GER	45.16
9	WAYNE SHADBOLT	USA	6:33.45	16	GORDON SCHALLA	USA	46.78	19	JAMES FORBES	USA	45.24
10	BRUNO WEBER	USA	6:36.15	16	MASAZUMI HAGIWARA	JPN	46.78	20	ANDRE DEBAISIEUX	FRA	45.33
11	DON KORTEN	USA	6:39.24	18	FUMITOSHI SUZUKA	JPN	49.05	21	JOHN REESE	USA	45.47
12	JAMES EDWARDS	USA	6:46.31	19	BJ HANSEN	USA	49.43	22	ABRASHA BRAININ	USA	45.72
13	EMANUELE DELPINO	ITA	6:54.76	20	FRANK GRANNIS	USA	49.77	23	NORMAN GARSOE	USA	45.98
14	RALPH PERRY	USA	6:55.99	21	ALEX MCINTOSH	USA	52.36	24	FRIEDRICH HUEBNER	GER	46.36
15	HANS KIRSCH	GER	6:57.56	22	AKIRA SATO	JPN	52.54	25	BJ HANSEN	USA	47.17
16	FRIEDRICH HUEBNER	GER	6:58.63	23	MINORU JINNO	JPN	57.15	26	SEITA INAYOSHI	JPN	48.65
17	GLYNN JONES	USA	7:05.15	24	JIM DUNNING	NZL	1:03.97	27	PAUL GUERARD	USA	49.38
18	ELLIOTT SCHOFIELD	USA	7:09.90	*****				28	FUMITOSHI SUZUKA	JPN	49.69
19	DOUGLAS STRONG	USA	7:10.87	M E N -- 65-69 -- 100 M. BACK				29	HIRONAO TAKENAKA	JPN	52.80
20	DONALD KILB	USA	7:12.31	*****				30	BRUCE SUMNER	USA	52.99
21	OTTO FISCHER	GER	7:15.77	1	ROGER FRANKS	USA	1:20.74	31	ALEX MCINTOSH	USA	54.85
22	WILLIAM AUSTIN	USA	7:16.02	2	GEORGE GANDSEY	USA	1:28.50	32	KAORU SHIBATA	JPN	1:00.58
23	SHOZO IZUNO	JPN	7:16.76	3	WALTER SCHOBBER	AUS	1:31.68	33	JIM DUNNING	NZL	1:13.07
24	KEN MARCHANT	CAN	7:19.65	4	RALPH PERRY	USA	1:35.93	*****			
25	TOM BRERETON	NZL	7:27.63	5	ROBERT BLOEBAUM	USA	1:37.47	M E N -- 65-69 -- 100 M. BRST			
26	JACK WISMAN	USA	7:28.16	6	GEORGE MELICK	USA	1:38.08	*****			
27	SEITA INAYOSHI	JPN	7:33.22	7	JOSEPH STAUNTON	USA	1:39.53	1	FRITZ KLAPPROTH	GER	1:30.81
28	AKIRA SATO	JPN	7:40.86	8	WAYNE SHADBOLT	USA	1:40.79	2	KARL HEINZ KNOPS	GER	1:31.61
29	WARREN FOSTER	USA	7:51.81	9	ROBERT RISLEY	USA	1:42.20	3	KARL HAUTER	GER	1:33.04
30	PAUL GUERARD	USA	8:03.22	10	ELLIOTT SCHOFIELD	USA	1:43.88	4	BARTON GREENBERG	USA	1:33.71
31	ARTHUR CROSS	USA	8:05.12	11	NORMAN GARSOE	USA	1:49.24	5	MORRIS MATHEWS	USA	1:34.39
32	ALEX MCINTOSH	USA	8:16.93	12	JALO AATOS LAINE	FIN	1:52.06	6	JOSEPH KURTZMAN	USA	1:34.62
33	MINORU JINNO	JPN	9:46.33	13	AKIRA SATO	JPN	1:56.81	7	ISAO IKEGAMI	JPN	1:34.64
34	TADAO SHIMIZU	JPN	10:51.78	14	GUILLERM PAZOS	MEX	2:20.11	8	ESKO SALONEN	FIN	1:34.76
*****				15	LEONARD LAWSON	RSA	2:25.78	9	TOSHIO TAJIMA	JPN	1:34.87
M E N -- 65-69 -- 800 M. FREE				*****				10	LELAND ARTH	USA	1:35.80
*****				M E N -- 65-69 -- 200 M. BACK				11	PAUL MUEMPFFER	GER	1:36.13
*****				*****				12	GEORGE MCVEY	USA	1:37.28
1	WINTHROP WILSON	USA	11:52.33	1	ROGER FRANKS	USA	2:55.46	13	ERNESTO ORLANDO	ARG	1:39.02
2	MAURICE LUSIEN	FRA	12:44.82	2	BOB WHITE	USA	3:15.34	14	WILLIAM AUSTIN	USA	1:39.76
3	ISAO IKEGAMI	JPN	12:54.63	3	GEORGE GANDSEY	USA	3:20.17	15	JOHN VIDAL	AUS	1:41.37
4	KEVIN VICKERY	AUS	12:56.59	4	KARL HAUTER	GER	3:21.41	16	TOM LOGAN	NZL	1:41.83
5	ROBERT BLAKE	USA	13:30.46	5	WALTER SCHOBBER	AUS	3:23.18	17	GEORGE MELICK	USA	1:44.35
6	KARL HAUTER	GER	13:42.59	6	RALPH PERRY	USA	3:27.51	18	NORMAN GARSOE	USA	1:46.19
7	WAYNE SHADBOLT	USA	13:50.54	7	DON KORTEN	USA	3:36.20	19	ANDRE DEBAISIEUX	FRA	1:47.14
8	BRUNO WEBER	USA	14:21.24	8	GEORGE MELICK	USA	3:38.25	20	FRIEDRICH HUEBNER	GER	1:47.42
9	EMANUELE DELPINO	ITA	14:30.46	9	JACK TRUBY	USA	3:40.88	21	ABRASHA BRAININ	USA	1:48.30
10	JAMES EDWARDS	USA	14:32.18								

SWIMMING RESULTS - MEN

22 K. BOLLMANN GER 1:49.22
23 SEITA INAYOSHI JPN 1:49.98
24 BJ HANSEN USA 1:50.60
25 FUMITOSHI SUZUKA JPN 1:52.43
26 JOHN REESE USA 1:53.40
27 PAUL GUERARD USA 1:54.20
28 SAMIR GHARBO USA 1:57.36
29 VESTER BOONE USA 1:58.36
30 GORDON SCHALLA USA 2:07.46

M E N -- 65-69 -- 200 M. BRST

1 KARL HEINZ KNOPS GER 3:22.17
2 KARL HAUTER GER 3:25.19
3 BARTON GREENBERG USA 3:25.24
4 ESKO SALONEN FIN 3:28.15
5 ISAO IKEGAMI JPN 3:29.97
6 PAUL MUEMPFER GER 3:30.31
7 MORRIS MATHEWS USA 3:30.54
8 LELAND ARTH USA 3:31.37
9 GEORGE MCVEY USA 3:42.31
10 WILLIAM AUSTIN USA 3:42.39
11 NORMAN GARSOE USA 3:53.43
12 FRIEDRICH HUEBNER GER 3:56.00
13 JOHN VIDAL AUS 3:56.34
14 ERNESTO ORLANDO ARG 3:57.03
15 ABRASHA BRAININ USA 4:06.36
16 K. BOLLMANN GER 4:08.29
17 SEITA INAYOSHI JPN 4:11.87
18 BJ HANSEN USA 4:16.89
19 DOUGLAS STRONG USA 4:17.49
20 VESTER BOONE USA 4:23.47
21 MINORU JINNO JPN 4:26.76

M E N -- 65-69 -- 50 M. FLY

1 WINTHROP WILSON USA 34.43
2 FRITZ KLAPPROTH GER 34.77
3 KEITH CARTER USA 35.16
4 JOSEPH KURTZMAN USA 35.34
5 PERRY ROCKWELL USA 36.30
6 TOSHIO TAJIMA JPN 37.64
7 LOTHAR KREMER GER 38.00
8 DON HUBBARD USA 38.07
9 GINTER UNKEL GER 40.05
10 JOHN VIDAL AUS 41.26
11 FRANK GRANNIS USA 44.35
12 BJ HANSEN USA 44.93
13 ROBERT BLOEBAUM USA 46.69
14 JOHN REESE USA 47.90
15 FUMITOSHI SUZUKA JPN 49.35
16 SEIICHI MATSUURA JPN 49.87
17 WARREN FOSTER USA 50.21
18 PAUL GUERARD USA 52.02
19 JOSE RIBEIRO BRA 56.59
20 TADAO SHIMIZU JPN 1:36.84

M E N -- 65-69 -- 100 M. FLY

1 WINTHROP WILSON USA 1:20.63
2 JOSEPH KURTZMAN USA 1:20.94
3 KEITH CARTER USA 1:24.37
4 FRITZ KLAPPROTH GER 1:29.78
5 KARL HEINZ KNOPS GER 1:30.14
6 PERRY ROCKWELL USA 1:35.36

7 MORRIS MATHEWS USA 1:37.33
8 DON HUBBARD USA 1:40.52
9 ART KELLEY USA 1:45.02
10 JOHN VIDAL AUS 1:46.87
11 FRANK GRANNIS USA 1:49.47
12 TOM BRERETON NZL 2:01.01
13 JOHN REESE USA 2:06.90
14 JOSEPH SELIBER USA 2:15.88
15 JOSE RIBEIRO BRA 2:33.86
16 TADAO SHIMIZU JPN 4:07.04

M E N -- 65-69 -- 200 M. FLY

1 JOSEPH KURTZMAN USA 3:15.50
2 KARL HEINZ KNOPS GER 3:20.49
3 MAURICE LUSIEN FRA 3:21.41
4 LELAND ARTH USA 3:30.17
5 KEITH CARTER USA 3:33.13
6 BRUNO WEBER USA 3:33.90
7 PERRY ROCKWELL USA 3:50.31
8 ART KELLEY USA 3:54.51
9 JOHN VIDAL AUS 4:04.06
10 TIBOR JENEY HUN 4:22.14
11 WARREN FOSTER USA 4:56.51
12 DOUGLAS STRONG USA 4:58.76
13 TOM BRERETON NZL 5:28.77

M E N -- 65-69 -- 200 M. I.M.

1 ROGER FRANKS USA 3:07.24
2 KARL HEINZ KNOPS GER 3:13.50
3 KARL HAUTER GER 3:14.67
4 LELAND ARTH USA 3:15.73
5 MAURICE LUSIEN FRA 3:22.31
6 ESKO SALONEN FIN 3:31.68
7 GINTER UNKEL GER 3:35.00
8 BRUNO WEBER USA 3:38.41
9 ART KELLEY USA 3:47.13
10 DOUGLAS STRONG USA 3:59.54
11 NORMAN GARSOE USA 4:02.40
12 TOM BRERETON NZL 4:05.72
13 FUMITOSHI SUZUKA JPN 4:13.73
14 PAUL GUERARD USA 4:18.06

M E N -- 65-69 -- 400 M. I.M.

1 ROGER FRANKS USA 6:37.79
2 LELAND ARTH USA 7:01.65
3 MAURICE LUSIEN FRA 7:02.97
4 KARL HAUTER GER 7:08.76
5 KEITH CARTER USA 7:21.53
6 MORRIS MATHEWS USA 7:22.92
7 BRUNO WEBER USA 7:26.80
8 KEVIN VICKERY AUS 7:32.77
9 ART KELLEY USA 8:04.68
10 TIBOR JENEY HUN 8:12.56
11 ROBERT RISLEY USA 8:17.07
12 DOUGLAS STRONG USA 8:31.55
13 TOM BRERETON NZL 8:58.80
14 BRUCE SUMNER USA 9:09.68
15 WARREN FOSTER USA 9:14.90
16 ALEX MCINTOSH USA 9:31.38

M E N -- 70-74 -- 50 M. FREE

1 MIRIO VISENTIN ARG 32.82
2 ROBERT SCOLES USA 33.06
3 ROGER HOLMES USA 33.10
4 HANS JOACHIM JUNG GER 33.16
5 JAY CRADDOCK USA 33.75
6 HUGH RICHARDS USA 34.25
7 JOHN PATTEN USA 34.51
8 JACK MCCANN USA 34.55
9 BARNET PHILLIPS USA 34.94
10 BILL MOLVIE USA 35.06
11 ARNE JUTNER SWE 35.32
12 CHRISTIAN VELLARD FRA 35.44
13 ROBERT DELARGY IRL 35.53
14 FRANK HAVLICEK USA 35.63
15 REINHOLD SCHRADER GER 38.39
16 SEBASTIAO SILVA BRA 39.38
17 DONALD GINGRAS USA 39.85
18 ROY LAGALY USA 41.39
19 MICHIO UEDA JPN 41.59
20 ART HARDER USA 41.98
21 JOHN PALLIN USA 43.96
22 RAY AVERETT USA 45.16
23 JOHN SIMMS USA 50.08

M E N -- 70-74 -- 100 M. FREE

1 JOHN RICHARDS USA 1:13.12
2 MIRIO VISENTIN ARG 1:16.03
3 ROBERT SCOLES USA 1:16.42
4 HANS JOACHIM JUNG GER 1:17.24
5 JACK MCCANN USA 1:17.64
6 JOHN PATTEN USA 1:17.86
7 JAY CRADDOCK USA 1:18.25
8 HUGH RICHARDS USA 1:19.00
9 ROGER HOLMES USA 1:19.53
10 FRANK HAVLICEK USA 1:22.93
11 ARNE JUTNER SWE 1:23.71
12 CHRISTIAN VELLARD FRA 1:24.38
13 BARNET PHILLIPS USA 1:24.90
14 REINHOLD SCHRADER GER 1:26.51
15 ROBERT DELARGY IRL 1:28.72
16 ROY MACCALLISTER GBR 1:37.36
17 RAY AVERETT USA 1:37.90
18 MOURA CARLOCINIO BRA 1:38.81
19 JOHN PALLIN USA 1:49.64
20 CHEN JUNG-KUAN TPE 2:01.91

M E N -- 70-74 -- 200 M. FREE

1 JOHN RICHARDS USA 2:50.47
2 MIRIO VISENTIN ARG 2:55.55
3 ROBERT SCOLES USA 2:56.95
4 HANS JOACHIM JUNG GER 2:57.52
5 JOHN PATTEN USA 3:00.30
6 CHRISTIAN VELLARD FRA 3:05.94
7 BARNET PHILLIPS USA 3:16.50
8 BROER LAMERS NED 3:21.97
9 ARNE JUTNER SWE 3:24.36
10 REINHOLD SCHRADER GER 3:33.99
11 MOURA CARLOCINIO BRA 3:37.67
12 YASUO ITAMI JPN 4:02.46
13 JOHN SIMMS USA 4:39.37
14 CHEN JUNG-KUAN TPE 4:52.19

M E N -- 70-74 -- 400 M. FREE

SWIMMING RESULTS - MEN

1	JOHN RICHARDS	USA	6:24.82
2	ROBERT SCOLES	USA	6:26.78
3	HANS JOACHIM JUNG	GER	6:29.95
4	MIRIO VISENTIN	ARG	6:33.14
5	CHRISTIAN VELLARD	FRA	6:34.53
6	ALDO DA ROSA	USA	6:38.02
7	JOHN PATTEN	USA	6:39.17
8	JERRY JERROLD	USA	6:40.24
9	DAVID MULLIKEN	USA	6:57.35
10	BROER LAMERS	NED	7:12.23
11	REINHOLD SCHRADER	GER	7:28.32
12	WILLIAM BROCK	USA	7:30.61
13	RAY AVERETT	USA	7:57.06
14	ROY MACCALLISTER	GBR	8:41.79
15	YASUO ITAMI	JPN	8:56.01
16	CHEN JUNG-KUAN	TPE	11:13.73

M E N -- 70-74 -- 800 M. FREE

1	ROBERT SCOLES	USA	13:31.89
2	HANS JOACHIM JUNG	GER	13:44.70
3	MIRIO VISENTIN	ARG	13:44.99
4	ALDO DA ROSA	USA	13:50.72
5	DAVID MULLIKEN	USA	14:13.64
6	BROER LAMERS	NED	15:06.16
7	REINHOLD SCHRADER	GER	16:20.44
8	ORLAN MACEDO REGO	BRA	16:43.93
9	GERHARD MITSCH	GER	16:47.03
10	PAUL CRAGO	USA	17:37.12
11	YASUO ITAMI	JPN	18:23.31
12	MAX AVENEL	FRA	20:48.96

M E N -- 70-74 -- 50 M. BACK

1	BELA BANKIHORVATH	HUN	38.99
2	RAY TAFT	USA	39.06
3	JACK MCCANN	USA	39.38
4	JOHN DILLEY	USA	39.90
5	ROGER HOLMES	USA	40.79
6	BILL MOLVIE	USA	42.02
7	WALTER MINNICH	GER	43.12
8	WILHELM WINDEL	GER	45.49
9	SHOJI MIZUTA	JPN	47.63
10	ROY LAGALY	USA	47.80
11	ART HARDER	USA	51.91
12	ROY MACCALLISTER	GBR	54.12
13	MICHIO UEDA	JPN	1:00.11
14	RAY AVERETT	USA	1:07.46
15	MAURICIO BARRETTO	BRA	1:16.96

M E N -- 70-74 -- 100 M. BACK

1	RAY TAFT	USA	1:29.42
2	BELA BANKIHORVATH	HUN	1:29.46
3	JOHN DILLEY	USA	1:30.45
4	JACK MCCANN	USA	1:33.20
5	BRUNO KAYSER	GER	1:40.07
6	BILL MOLVIE	USA	1:40.38
7	WILHELM WINDEL	GER	1:41.02
8	BROER LAMERS	NED	1:44.12
9	SHOJI MIZUTA	JPN	1:47.87
10	ROY LAGALY	USA	1:52.47
11	MANABU OCHI	JPN	1:59.65
12	MAX AVENEL	FRA	2:06.32

M E N -- 70-74 -- 200 M. BACK

1	RAY TAFT	USA	3:16.44
2	ROGER HOLMES	USA	3:21.84
3	JACK MCCANN	USA	3:23.12
4	BRUNO KAYSER	GER	3:41.84
5	WILHELM WINDEL	GER	3:42.95
6	MANABU OCHI	JPN	3:59.09
7	ROY KAGALY	USA	4:01.16
8	BROER LAMERS	NED	4:02.55
9	M.HARTKOPF	GER	4:38.99
10	MAX AVENEL	FRA	4:42.29
11	JORGE BELLO	ARG	5:01.18

M E N -- 70-74 -- 50 M. BRST

1	WALTER MINNICH	GER	41.41
2	PAUL KRUP	USA	41.96
3	JOHN RICHARDS	USA	42.33
4	HUGH RICHARDS	USA	45.52
5	LIN HUO-TZU	TPE	46.89
6	FRANK HAVLICEK	USA	47.02
7	MICHAEL BERG	GBR	47.80
8	WILLIAM BROCK	USA	48.69
9	MICHIO UEDA	JPN	50.55
10	ROBERT DELARGY	IRL	50.87
11	SHOJI MIZUTA	JPN	52.41
12	BERTIL SANDQVIST	FIN	52.43
13	LENNART INGMO	SWE	52.94
14	DONALD GINGRAS	USA	52.98
15	KOKEL YOSHIDA	JPN	53.41
16	SEBASTIAO SILVA	BRA	55.62
17	JOHN PALLIN	USA	1:02.44
18	MOURA CARLOCINIO	BRA	1:03.75
19	ROBERTO ROBLES	MEX	1:05.19
20	HARRY SHEHAN	USA	1:14.20
21	MAURICIO BARRETTO	BRA	1:24.90

M E N -- 70-74 -- 100 M. BRST

1	WALTER MINNICH	GER	1:35.63
2	JOHN RICHARDS	USA	1:38.71
3	PAUL KRUP	USA	1:42.60
4	ALBERT LAFUENTE	ARG	1:43.02
5	ALDO DA ROSA	USA	1:43.04
6	LIN HUO-TZU	TPE	1:43.86
7	MICHAEL BERG	GBR	1:51.29
8	WILLIAM BROCK	USA	1:51.55
9	SHOJI MIZUTA	JPN	1:56.81
10	BERTIL SANDQVIST	FIN	1:57.03
11	WILHELM WINDEL	GER	1:57.74
12	LENNART INGMO	SWE	1:58.82
13	PAUL CRAGO	USA	2:01.01
14	KOKEL YOSHIDA	JPN	2:04.86
15	MOURA CARLOCINIO	BRA	2:16.98
16	SEBASTIAO SILVA	BRA	2:17.34
17	JOHN PALLIN	USA	2:20.04
18	ROBERTO ROBLES	MEX	2:35.46

M E N -- 70-74 -- 200 M. BRST

1	A.DIEZ LAFUENTE	ARG	3:42.63
2	ALDO DA ROSA	USA	3:46.32
3	PAUL KRUP	USA	3:47.30

4	LIN HUO-TZU	TPE	3:48.66
5	MICHAEL BERG	GBR	4:05.49
6	WILLIAM BROCK	USA	4:15.38
7	BERTIL SANDQVIST	FIN	4:20.90
8	MICHIO UEDA	JPN	4:37.21
9	KOKEL YOSHIDA	JPN	4:37.96
10	PAUL CRAGO	USA	4:38.29
11	MOURA CARLOCINIO	BRA	4:55.94
12	ROBERTO ROBLES	MEX	5:31.47

M E N -- 70-74 -- 50 M. FLY

1	ROGER HOLMES	USA	37.59
2	HUGH RICHARDS	USA	40.90
3	WALTER MINNICH	GER	40.97
4	PAUL KRUP	USA	40.98
5	FRANK HAVLICEK	USA	43.68
6	PAUL CRAGO	USA	43.75
7	JORGE BELLO	ARG	54.12
8	SEBASTIAO SILVA	BRA	56.27
9	REGINALD MCHUGH	USA	56.99
10	MICHIO UEDA	JPN	59.68

M E N -- 70-74 -- 100 M. FLY

1	PAUL KRUP	USA	1:37.88
2	BRUNO KAYSER	GER	1:46.02
3	HIRONARI VEDA	JPN	1:46.25
4	PAUL CRAGO	USA	1:56.48
5	MANABU OCHI	JPN	2:02.72
6	JORGE BELLO	ARG	2:35.22
7	REGINALD MCHUGH	USA	2:44.54
8	FRANCIS BOWDON	USA	2:51.00

M E N -- 70-74 -- 200 M. FLY

1	PAUL KRUP	USA	3:55.80
2	HIRONARI VEDA	JPN	3:59.83
3	GERHARD MITSCH	GER	4:20.74
4	PAUL CRAGO	USA	4:31.80
5	MANABU OCHI	JPN	4:34.38
6	JORGE BELLO	ARG	6:40.08

M E N -- 70-74 -- 200 M. I.M.

1	HUGH RICHARDS	USA	3:38.57
2	BRUNO KAYSER	GER	3:41.58
3	HIRONARI VEDA	JPN	3:42.28
4	FRANK HAVLICEK	USA	3:46.64
5	DAVID MULLIKEN	USA	3:57.35
6	WILHELM WINDEL	GER	4:05.48
7	MANABU OCHI	JPN	4:12.52
8	REGINALD MCHUGH	USA	5:04.05
9	FRANCIS BOWDON	USA	5:09.80
10	JORGE BELLO	ARG	5:24.60
11	MAX AVENEL	FRA	5:25.92

M E N -- 70-74 -- 400 M. I.M.

1	RAY TAFT	USA	7:25.30
2	ALDO DA ROSA	USA	7:37.42
3	JERRY JARROLD	USA	7:48.36
4	HIRONARI VEDA	JPN	7:57.94
5	BRUNO KAYSER	GER	8:07.82
6	DAVID MULLIKEN	USA	8:25.31

SWIMMING RESULTS - MEN

7 MANABU OCHI JPN 8:45.80
8 REGINALD MCHUGH USA 11:19.19
9 JORGE BELLO ARG 12:35.83

M E N -- 75-79 -- 50 M. FREE

1 BEANS YAMAMOTO USA 35.49
2 PETE OKUMOTO USA 35.73
3 ROBERT KNAPP USA 35.84
4 WALTER LEDGARD PER 35.92
5 HARRY CLASS CAN 36.03
6 H. MORNINGSTAR USA 37.13
7 ROY MORSE USA 37.26
8 HERMANN SCHLUCH GER 37.47
9 WILLIAM GRANT USA 37.55
10 NILS FERM SWE 37.65
11 FRIEDRICH KUHM GER 38.23
12 LUCIEN SPAGNOLI FRA 38.31
13 AL ALVAREZ GBR 38.50
14 EDWARD NAKAMURA USA 39.26
15 ALLAN DE LAY USA 39.37
16 KERMIT HOTVEDT USA 43.55
17 THOMAS WEIR USA 43.67
18 ELMER PIERCE USA 46.83
19 EUGENE LEHMAN CAN 53.32

M E N -- 75-79 -- 100 M. FREE

1 WALTER LEDGARD PER 1:20.82
2 PETE OKUMOTO USA 1:23.75
3 OTTO KUTZ GER 1:23.92
4 HEINZ ARENDT GER 1:24.36
5 HARRY CLASS CAN 1:26.11
6 EDWARD NAKAMURA USA 1:28.62
7 ROY MORSE USA 1:29.12
8 FRIEDRICH KUHM GER 1:32.26
9 HEINZ SIEGEL GER 1:36.40
10 H. MORNINGSTAR USA 1:36.66
11 KERMIT HOTVEDT USA 1:38.65
12 ALLAN DE LAY USA 1:42.53
13 THOMAS WEIR USA 1:52.26
14 EUGENE LEHMAN CAN 2:05.99
15 YASUICHI ISHIZUKA JPN 2:12.77

M E N -- 75-79 -- 200 M. FREE

1 WALTER LEDGARD PER 3:07.88
2 OTTO KUTZ GER 3:09.99
3 HEINZ ARENDT GER 3:13.22
4 PETE OKUMOTO USA 3:17.43
5 ROBERT KNAPP USA 3:19.39
6 EDWARD NAKAMURA USA 3:22.30
7 ROY MORSE USA 3:28.05
8 NILS FERM SWE 3:28.36
9 GARY WEISENTHAL USA 3:33.44
10 HARRY CLASS CAN 3:35.92
11 FRIEDRICH KUHM GER 3:36.47
12 KERMIT HOTVEDT USA 4:04.96
13 CAYETANO CATANIA ARG 5:13.54

M E N -- 75-79 -- 400 M. FREE

1 HEINZ ARENDT GER 6:49.08
2 PETE OKUMOTO USA 7:05.93
3 ROY MORSE USA 7:29.53

4 EDWARD NAKAMURA USA 7:41.30
5 HEINZ SIEGEL GER 8:00.81
6 KERMIT HOTVEDT USA 9:04.98
7 CAYETANO CATANIA ARG 11:12.15
8 EUGENE LEHMAN CAN 11:12.39

M E N -- 75-79 -- 800 M. FREE

1 HEINZ ARENDT GER 13:43.52
2 OTTO KUTZ GER 14:07.61
3 PETE OKUMOTO USA 14:54.84
4 GEORGE RAFTER USA 15:37.64
5 NILS FERM SWE 15:41.68
6 EDWARD NAKAMURA USA 15:50.78
7 GARY WEISENTHAL USA 16:10.03
8 CAYETANO CATANIA ARG 22:09.89

M E N -- 75-79 -- 50 M. BACK

1 ROBERT KNAPP USA 42.24
2 NILS FERM SWE 44.88
3 BEANS YAMAMOTO USA 45.45
4 DAVE MALBROUGH USA 46.15
5 HARRY CLASS CAN 46.20
6 HERMANN SCHLUCH GER 49.24
7 JOSEF PREINER GER 49.66
8 S. KAWABATA JPN 49.75
9 LUCIEN SPAGNOLI FRA 52.35
10 MIKE OFFNER USA 55.03
11 WANG SAN-PIN TPE 57.13
12 PAUL MENZIES USA 57.15
13 ALLAN DE LAY USA 57.49
14 EUGENE LEHMAN CAN 1:02.25
15 THOMAS WEIR USA 1:02.70
16 GEORGE POLLOCK USA 1:03.08
17 CHENG PING-KANG TPE 1:12.86
18 JOHN GIBBS USA 2:22.15

M E N -- 75-79 -- 100 M. BACK

1 NILS FERM SWE 1:43.02
2 DON MCCULLOUGH USA 1:46.87
3 BEANS YAMAMOTO USA 1:47.31
4 HARRY CLASS CAN 1:48.66
5 JOSEF PREINER GER 1:50.51
6 S. KAWABATA JPN 1:58.59
7 CARL THORNBURG USA 2:00.41
8 FRANK TILLOTSON USA 2:07.52
9 WALTER RINEHART USA 2:09.22
10 THOMAS WEIR USA 2:16.76
11 ELMER PIERCE USA 2:17.73
12 CHENG PING-KANG TPE 2:51.76
13 JOHN GIBBS USA 5:04.12

M E N -- 75-79 -- 200 M. BACK

1 NILS FERM SWE 3:47.11
2 CLIFF CROOME USA 3:53.57
3 DAVE MALBROUGH USA 3:59.71
4 ROGER CHAMBERLAIN USA 4:00.25
5 CARL THORNBURG USA 4:22.79
6 S. KAWABATA JPN 4:27.07
7 FRANK TILLOTSON USA 4:31.30
8 BRENNO BRUSCANTIN ITA 4:37.44
9 YASUICHI ISHIZUKA JPN 5:13.20

10 EUGENE LEHMAN CAN 5:22.84

M E N -- 75-79 -- 50 M. BRST

1 BENNETT ALLEN USA 46.31
2 ROGER CHAMBERLAIN USA 48.04
3 RUSS WITTE USA 48.45
4 ARNOLD SCHUBLER GER 49.82
5 THOMAS WEIR USA 50.07
6 JERRY EVERALL USA 51.19
7 MIKE OFFNER USA 51.71
8 PER FIAESTAD SWE 52.32
9 WILLIAM GRANT USA 53.12
10 VILJO VIITANEN FIN 53.90
11 GEORGE POLLOCK USA 55.27
12 ALLAN DE LAY USA 56.02
13 ROMAN JEZEK CAN 56.96
14 E. SPANGENBERG ARG 57.12
15 PAUL MENZIES USA 58.70
16 WANG SAN-PIN TPE 1:00.36
17 WALLY HOFFRICHTER USA 1:03.35
18 JOHN GIBBS USA 2:27.13

M E N -- 75-79 -- 100 M. BRST

1 ANTON CERER USA 1:43.13
2 BENNETT ALLEN USA 1:47.46
3 DON MCCULLOUGH USA 1:47.54
4 RUSS WITTE USA 1:48.05
5 ARNOLD SCHUBLER GER 1:48.70
6 ROGER CHAMBERLAIN USA 1:54.76
7 JERRY EVERALL USA 1:55.73
8 MIKE OFFNER USA 1:56.18
9 PER FIAESTAD SWE 1:58.99
10 VILJO VIITANEN FIN 2:05.16
11 ROMAN JEZEK CAN 2:10.63
12 E. SPANGENBERG ARG 2:11.33
13 GEORGE POLLOCK USA 2:11.58
14 PAUL MENZIES USA 2:16.54
15 ELMER PIERCE USA 2:19.55
16 CHENG PING-KANG TPE 3:40.92

M E N -- 75-79 -- 200 M. BRST

1 ANTON CERER USA 3:44.97
2 DON MCCULLOUGH USA 3:53.06
3 RUSS WITTE USA 3:56.98
4 MIKE OFFNER USA 4:15.51
5 JERRY EVERALL USA 4:16.37
6 ROGER CHAMBERLAIN USA 4:17.37
7 PER FIAESTAD SWE 4:35.83
8 VILJO VIITANEN FIN 4:48.46
9 ROMAN JEZEK CAN 5:02.35
10 GEORGE POLLOCK USA 5:11.51

M E N -- 75-79 -- 50 M. FLY

1 ROBERT KNAPP USA 44.76
2 WILLIAM GRANT USA 48.87
3 GEORGE RAFTER USA 49.22
4 CLIFF CROOME USA 49.26
5 ROGER CHAMBERLAIN USA 49.97
6 AL ALVAREZ GBR 51.36
7 HEINZ SIEGEL GER 57.92
8 YASUICHI ISHIZUKA JPN 1:01.38

SWIMMING RESULTS - MEN

9	VILJO VIITANEN	FIN	1:05.24	4	CAMERON WEIR	CAN	1:59.19	6	THOMAS BIDGOOD	GBR	1:35.54
10	ELMER PIERCE	USA	1:07.55	5	JOHN MAXWELL	USA	2:01.68	*****			
*****				6	LARRY HART	USA	2:14.79	M E N -- 80-84 -- 100 M. BRST			
M E N -- 75-79 -- 100 M. FLY				7	EDWARD MACKAY	USA	2:17.46	*****			
*****				8	HAROLD HOFFMANN	USA	2:51.70	*****			
1	ANTON CERER	USA	1:39.80	*****				1	KARL WITTENBERG	GER	2:04.35
2	DON MCCULLOUGH	USA	1:52.57	M E N -- 80-84 -- 200 M. FREE				2	LARRY HART	USA	2:34.45
3	ROBERT KNAPP	USA	1:58.13	*****				3	JOHN GLENN	USA	2:41.74
4	GEORGE RAFTER	USA	2:00.78	1	TEX ROBERTSON	USA	3:52.62	4	EDWARD MACKAY	USA	3:16.46
5	CLIFF CROOME	USA	2:13.94	2	ALFREDO CHERCHI	ITA	4:03.47	5	THOMAS BIDGOOD	GBR	3:33.73
6	AL ALVAREZ	GBR	2:17.78	3	RICHARD KANE	USA	4:35.86	*****			
*****				4	CAMERON WEIR	CAN	4:38.14	M E N -- 80-84 -- 200 M. BRST			
M E N -- 75-79 -- 200 M. FLY				5	JOHN MAXWELL	USA	5:24.29	*****			
*****				6	LARRY HART	USA	5:32.71	1	WERNER ENGELMANN	GER	5:33.08
1	ANTON CERER	USA	3:43.56	*****				2	LARRY HART	USA	5:57.93
2	DON MCCULLOUGH	USA	4:18.93	M E N -- 80-84 -- 400 M. FREE				*****			
3	AL ALVAREZ	GBR	4:53.61	*****				M E N -- 80-84 -- 50 M. FLY			
4	CLIFF CROOME	USA	5:23.63	1	TEX ROBERTSON	USA	8:18.23	*****			
5	BRENNO BRUSCANTIN	ITA	5:36.12	2	KARL WITTENBERG	GER	8:43.40	1	JESSE COON	USA	52.66
6	CARL THORNBURG	USA	5:43.96	3	ALFREDO CHERCHI	ITA	8:44.14	*****			
*****				4	RICHARD KANE	USA	9:32.63	M E N -- 80-84 -- 100 M. FLY			
M E N -- 75-79 -- 200 M. I.M.				5	LARRY HART	USA	12:52.06	*****			
*****				*****				1	JESSE COON	USA	2:31.91
1	ANTON CERER	USA	3:32.73	M E N -- 80-84 -- 800 M. FREE				2	RICHARD KANE	USA	3:43.12
2	HEINZ ARENDT	GER	3:40.02	*****				*****			
3	CLIFF CROOME	USA	4:06.51	1	TEX ROBERTSON	USA	17:24.48	M E N -- 80-84 -- 200 M. FLY			
4	ROGER CHAMBERLAIN	USA	4:08.06	2	KARL WITTENBERG	GER	17:55.78	*****			
5	AL ALVAREZ	GBR	4:15.00	3	ALFREDO CHERCHI	ITA	18:05.47	1	JESSE COON	USA	5:36.65
6	JOSEF PREINER	GER	4:16.34	4	RICHARD KANE	USA	21:46.74	2	RICHARD KANE	USA	7:59.93
7	HEINZ SIEGEL	GER	4:24.23	*****				*****			
8	CARL THORNBURG	USA	4:34.82	M E N -- 80-84 -- 50 M. BACK				M E N -- 80-84 -- 200 M. I.M.			
9	WILLIAM GRANT	USA	4:41.86	*****				*****			
10	ELMER PIERCE	USA	5:08.33	1	SHOGORO AZUMA	JPN	49.13	1	JESSE COON	USA	5:03.54
11	YASUICHI ISHIZUKA	JPN	5:50.66	2	CHARLES SALIE	USA	49.50	*****			
*****				3	KARL WITTENBERG	GER	52.52	M E N -- 80-84 -- 400 M. I.M.			
M E N -- 75-79 -- 400 M. I.M.				4	CAMERON WEIR	CAN	59.60	*****			
*****				5	JOHN GLENN	USA	1:01.98	1	JESSE COON	USA	10:58.10
1	ANTON CERER	USA	7:33.32	6	EDWARD MACKAY	USA	1:12.96	*****			
2	HEINZ ARENDT	GER	8:02.66	7	FERNANDO GARCIA	ARG	1:28.96	M E N -- 85-89 -- 50 M. FREE			
3	DON MCCULLOUGH	USA	8:16.07	8	THOMAS BIDGOOD	GBR	1:50.09	*****			
4	CLIFF CROOME	USA	8:50.32	*****				1	GUS LANGNER	USA	47.16
5	GEORGE RAFTER	USA	8:54.76	M E N -- 80-84 -- 100 M. BACK				2	MAXWELL VOGT	USA	48.79
6	AL ALVAREZ	GBR	9:15.56	*****				3	F. MEERWALD	GER	52.11
7	CARL THORNBURG	USA	10:05.70	1	CHARLES SALIE	USA	1:50.39	4	PETER JURCZYK	USA	58.01
8	BRENNO BRUSCANTIN	ITA	11:09.00	2	PIZZI PASQUALE	ITA	2:10.36	*****			
9	ROMAN JEZEK	CAN	11:43.44	3	CAMERON WEIR	CAN	2:14.95	M E N -- 85-89 -- 100 M. FREE			
*****				4	ALFREDO CHERCHI	ITA	2:34.89	*****			
M E N -- 80-84 -- 50 M. FREE				5	EDWARD MACKAY	USA	2:41.69	1	GUS LANGNER	USA	1:54.41
*****				6	FERNANDO GARCIA	ARG	3:05.91	2	MAXWELL VOGT	USA	1:55.70
1	SHOGORO AZUMA	JPN	39.53	*****				3	S. FUKUWSTARI	JPN	1:59.66
2	KARL WITTENBERG	GER	41.28	M E N -- 80-84 -- 200 M. BACK				4	HARRY JAGGERS	USA	2:35.57
3	JOHN GLENN	USA	44.32	*****				*****			
4	TEX ROBERTSON	USA	44.77	1	CHARLES SALIE	USA	3:58.25	M E N -- 85-89 -- 200 M. FREE			
5	CAMERON WEIR	CAN	48.75	2	SHOGORO AZUMA	JPN	4:21.78	*****			
6	JOHN MAXWELL	USA	50.50	3	TEX ROBERTSON	USA	4:46.13	1	GUS LANGNER	USA	4:15.88
7	EDWARD MACKAY	USA	1:01.21	4	CAMERON WEIR	CAN	5:02.68	2	JOE KAUFMAN	USA	5:16.39
8	HAROLD HOFFMANN	USA	1:13.32	5	ALFREDO CHERCHI	ITA	5:18.32	3	HARRY JAGGERS	USA	5:52.65
9	THOMAS BIDGOOD	GBR	1:14.74	*****				*****			
10	FERNANDO GARCIA	ARG	1:21.17	M E N -- 80-84 -- 50 M. BRST				M E N -- 85-89 -- 400 M. FREE			
*****				*****				*****			
M E N -- 80-84 -- 100 M. FREE				1	KARL WITTENBERG	GER	46.98	1	GUS LANGNER	USA	9:09.92
*****				2	WERNER ENGELMANN	GER	59.57	2	JOE KAUFMAN	USA	11:19.96
1	SHOGORO AZUMA	JPN	1:31.47	3	JOHN GLENN	USA	1:03.33	*****			
2	TEX ROBERTSON	USA	1:40.79	4	LARRY HART	USA	1:04.82	M E N -- 85-89 -- 800 M. FREE			
3	JOHN GLENN	USA	1:54.36	5	EDWARD MACKAY	USA	1:18.30	*****			
								1	GUS LANGNER	USA	18:47.31

SWIMMING RESULTS - MEN

M E N -- 85-89 -- 50 M. BACK

1	MAXWELL VOGT	USA	1:02.53
2	PETER JURCZYK	USA	1:04.20
3	JOE KAUFMAN	USA	1:10.63
4	HARRY JAGGERS	USA	1:11.40

M E N -- 85-89 -- 100 M. BACK

1	S.FUKUWSTARI	JPN	2:22.52
2	PETER JURCZYK	USA	2:32.73
3	JOE KAUFMAN	USA	2:36.02
4	HARRY JAGGERS	USA	2:41.85

M E N -- 85-89 -- 200 M. BACK

1	PETER JURCZYK	USA	5:21.94
2	JOE KAUFMAN	USA	5:37.99
3	HARRY JAGGERS	USA	6:17.94

M E N -- 85-89 -- 50 M. BRST

1	F.MEERWALD	GER	58.96
2	GEORGES SEJOURNE	FRA	1:12.81

M E N -- 85-89 -- 100 M. BRST

1	GEORGES SEJOURNE	FRA	2:57.06
2	GUS LANGNER	USA	3:29.74

M E N -- 90-94 -- 50 M. FREE

1	ANTONIO LOPEZ	USA	2:17.68
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M E N -- 90-94 -- 100 M. FREE

1	TOM LANE	USA	3:30.59
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M E N -- 90-94 -- 50 M. BACK

1	ANTONIO LOPEZ	USA	2:10.52
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M E N -- 90-94 -- 100 M. BACK

1	ANTONIO LOPEZ	USA	4:56.22
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M E N -- 90-94 -- 200 M. BACK

1	ANTONIO LOPEZ	USA	10:26.45
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M E N -- 90-94 -- 50 M. BRST

1	TOM LANE	USA	2:39.54
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M E N -- 95-99 -- 50 M. FREE

1	TOM LANE	USA	1:26.78
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M E N -- 95-99 -- 50 M. BACK

1	TOM LANE	USA	1:29.88
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M E N -- 95-99 -- 100 M. BACK

SWIMMING RESULTS - WOMEN

WOMEN -- 25-29 -- 50 M. FREE

1	ANNA PETTIS-SCOTT	USA	27.06
2	CAREN MAHN	GER	28.17
3	ASTRID RADTKE	GER	28.70
4	CAROL OLSON	USA	28.86
5	LINDA TANKERSLEY	USA	28.91
6	SOPHIE PLANTE	CAN	29.04
7	CHRISSEY LAMBERT	USA	29.08
8	NICOLA GORDON	GBR	29.31
9	MICHELLE YOUNG	USA	30.11
10	HEIKE HAENDEL	GER	30.33
11	MARINA ZHIHAREVA	RUS	30.37
12	DAWN RICHARDS	GBR	31.46
13	JUDITH ERICKSON	USA	31.80
14	MELISSA KERKER	USA	32.27
15	ANN FEARRIN	USA	32.47
16	TRACEY GORDON	GBR	32.61
17	LOUANNA BARNET	RSA	33.02
18	JENNIFER ROCKE	USA	33.06
19	EDNA LLORENS	MEX	33.12
20	JACKIE SAXON	USA	33.35
21	BETH WEIGEL	USA	33.54
22	DEBORAH CAVANAUGH	USA	34.64

WOMEN -- 25-29 -- 100 M. FREE

1	ANNA PETTIS-SCOTT	USA	1:00.63
2	CAREN MAHN	GER	1:01.90
3	CAROL OLSON	USA	1:01.91
4	CORRIN CONVIS	USA	1:02.34
5	SOPHIE PLANTE	CAN	1:03.07
6	AMY KNOTT	USA	1:03.18
7	LINDA TANKERSLEY	USA	1:03.21
8	CAROL MACINTYRE	GBR	1:03.42
9	NICOLA GORDON	GBR	1:03.46
10	ASTRID RADTKE	GER	1:03.53
11	HEIKE HAENDEL	GER	1:04.52
12	CHRISSEY LAMBERT	USA	1:05.69
13	MICHELLE YOUNG	USA	1:05.74
14	ROBERTA BARKER	GBR	1:07.15
15	MARINA ZHIHAREVA	RUS	1:07.54
16	DAWN RICHARDS	GBR	1:09.34
17	ANITA BENEDICT	USA	1:10.01
18	EDNA LLORENS	MEX	1:10.57
19	JUDITH ERICKSON	USA	1:10.79
20	ANN FEARRIN	USA	1:12.60
21	TRACY TUTAG	USA	1:12.96
22	JENNIFER ROCKE	USA	1:13.08
23	JACKIE SAXON	USA	1:15.67
24	F. CHALIFOUR	CAN	2:10.77

WOMEN -- 25-29 -- 200 M. FREE

1	CAROL OLSON	USA	2:13.01
2	CAROL MACINTYRE	GBR	2:13.74
3	ANNA PETTIS-SCOTT	USA	2:14.37
4	AMY KNOTT	USA	2:15.75
5	AMY ALEXANDER	USA	2:20.01
6	GISELA NEUMANN	GER	2:21.02
7	ANITA BENEDICT	USA	2:25.67
8	ROBERTA BARKER	GBR	2:28.61
9	ROBIN KENNEDY	USA	2:29.93
10	ELAINE PORTER	USA	2:37.42

11	HOLLY RICE	USA	2:38.46
12	DIANNE GEIBEL	USA	2:43.00
13	JACKIE SAXON	USA	2:46.78
14	CINDY MEIER	USA	2:58.81

WOMEN -- 25-29 -- 400 M. FREE

1	CAROL MACINTYRE	GBR	4:42.38
2	NICOLA GORDON	GBR	4:52.23
3	AMY KNOTT	USA	4:52.45
4	JENNIFER SMITH	USA	4:53.40
5	GISELA NEUMANN	GER	4:56.33
6	SOPHIE PLANTE	CAN	5:01.86
7	ANITA BENEDICT	USA	5:02.86
8	YVONNE MULTER	USA	5:06.49
9	GLORIA NEMET	USA	5:09.19
10	ROBIN KENNEDY	USA	5:18.73
11	LOUROS CISNEROS	MEX	5:26.30
12	HOLLY RICE	USA	5:38.03
13	MARTHA SHEHAN	USA	7:39.46

WOMEN -- 25-29 -- 800 M. FREE

1	CAROL MACINTYRE	GBR	9:40.12
2	AMY ALEXANDER	USA	10:01.89
3	GISELA NEUMANN	GER	10:07.20
4	ANITA BENEDICT	USA	10:25.60
5	YVONNE MULTER	USA	10:26.77
6	GLORIA NEMET	USA	10:34.71
7	ROBIN KENNEDY	USA	11:11.81
8	HOLLY RICE	USA	11:32.12
9	BARBARA KOLITSCH	USA	11:37.59
10	DIANE GEIBEL	USA	11:53.28
11	DEBORAH CAVANAUGH	USA	14:53.02

WOMEN -- 25-29 -- 50 M. BACK

1	CAREN MAHN	GER	31.40
2	HIROKO TAKUWA	JPN	31.66
3	KATALIN VIRAGH	HUN	31.91
4	TRISCHA ZORN	USA	32.43
5	SOPHIE PLANTE	CAN	32.65
6	GLAUCIA LUNKMOSS	BRA	32.71
7	BEATE STEINHOF	GER	33.10
8	CORNELIA EMBACHER	BRA	33.85
9	LEANNE MCCONNELL	CAN	35.37
10	MICHELLE YOUNG	USA	35.42
10	SARAH FUNNELL	GBR	35.42
12	CHEN FANG-YUAN	TPE	35.79
13	ANNA MASON	USA	36.23
14	TRACEY GORDON	GBR	36.51
15	TRIS SCHLUETTER	GER	36.80
16	JENNIFER ROCKE	USA	37.92
17	DAWN RICHARDS	GBR	38.61
18	JACKIE SAXON	USA	39.04
19	KAREN TALLMADGE	USA	41.60
20	DEBORAH CAVANAUGH	USA	45.18
21	F. CHALIFOUR	CAN	56.53

WOMEN -- 25-29 -- 100 M. BACK

1	HIROKO TAKUWA	JPN	1:07.20
2	KATALIN VIRAGH	HUN	1:07.68
3	TRISCHA ZORN	USA	1:08.36
4	CAREN MAHN	GER	1:08.93

5	SOPHIE PLANTE	CAN	1:09.76
6	GLAUCIA LUNKMOSS	BRA	1:10.67
7	BEATE STEINHOF	GER	1:12.31
8	TARYN GAULIEN	USA	1:13.80
9	SARAH FUNNELL	GBR	1:14.55
10	AMY KNOTT	USA	1:15.57
11	LEANNE MCCONNELL	CAN	1:16.78
12	ANNA MASON	USA	1:17.47
13	C. MICHELLE YOUNG	USA	1:17.96
14	YVONNE MULTER	USA	1:19.30
15	CHEN FANG-YUAN	TPE	1:19.47
16	SUSANNE MOLERWIJK	NED	1:19.97
17	RAE LYNN SMITH	USA	1:22.42
18	JENNIFER ROCKE	USA	1:22.60
19	ANNE BERRY	USA	1:28.61
20	TRACY TUTAG	USA	1:29.02
21	KAREN TALLMADGE	USA	1:31.55
22	CINDY MEIER	USA	1:32.92
23	AMY HEPFER	USA	1:41.37
24	ANDRIENNE PLOSS	USA	1:52.34
25	F. CHALIFOUR	CAN	2:03.13

WOMEN -- 25-29 -- 200 M. BACK

1	HIROKO TAKUWA	JPN	2:28.44
2	TRISCHA ZORN	USA	2:30.44
3	KATALIN VIRAGH	HUN	2:31.65
4	GLAUCIA LUNKMOSS	BRA	2:32.34
5	SOPHIE PLANTE	CAN	2:34.13
6	SARAH FUNNELL	GBR	2:43.63
7	LEANNE MCCONNELL	CAN	2:45.89
8	ANNA MASON	USA	2:47.20
9	YVONNE MULTER	USA	2:47.33
10	GILLIAN BURRIACK	USA	2:50.51
11	SUSANNE MOLERWIJK	NED	2:53.76
12	JENNIFER ROCKE	USA	3:01.88

WOMEN -- 25-29 -- 50 M. BRST

1	BEATE STEINHOF	GER	33.88
2	TRIS SCHLUETTER	GER	35.37
3	CAREN MAHN	GER	35.80
4	ROBERTA BARKER	GBR	37.36
5	JENNIFER UEBELE	USA	38.12
6	TRACY TUTAG	USA	38.82
7	JUDITH ERICKSON	USA	39.23
8	MARJAN VELDMAN	NED	39.47
9	BARBARA KOLITSCH	USA	41.75
10	KAREN TALLMADGE	USA	41.87
11	LOUANNA BARNET	RSA	42.06
12	ANN BULLER	USA	42.61
13	DEBORAH CAVANAUGH	USA	46.29
14	EDNA LLORENS	MEX	47.80
15	F. CHALIFOUR	CAN	1:20.70

WOMEN -- 25-29 -- 100 M. BRST

1	BEATE STEINHOF	GER	1:16.88
2	CORRIN CONVIS	USA	1:19.31
3	TRIS SCHLUETTER	GER	1:20.40
4	SYLVIE POTVIN	CAN	1:23.89
5	ROBERTA BARKER	GBR	1:24.30
6	JENNIFER UEBELE	USA	1:24.55
7	MARJAN VELDMAN	NED	1:26.66
8	JUDITH ERICKSON	USA	1:28.54

SWIMMING RESULTS - WOMEN

9 TRACEY GORDON GBR 1:29.07
10 TRACY TUTAG USA 1:29.48
11 LORI NOSKOWIAK USA 1:29.59
12 ROBIN KENNEDY USA 1:29.89
13 BARBARA KOLITSCH USA 1:31.28
14 KAREN TALLMADGE USA 1:34.16
15 F. CHALIFOUR CAN 3:04.88

WOMEN -- 25-29 -- 200 M. BRST

1 BEATE STEINHOF GER 2:48.83
2 CORRIN CONVIS USA 2:53.85
3 GISELA NEUMANN GER 3:02.93
4 ROBERTA BARKER GBR 3:06.15
5 MARJAN VELDMAN NED 3:06.89
6 ROBIN KENNEDY USA 3:08.17
7 KRISTIN NELSEN USA 3:08.89
8 GLORIA NEMET USA 3:13.77
9 JUDITH ERICKSON USA 3:14.97
10 TRACY TUTAG USA 3:16.32
11 BARBARA KOLITSCH USA 3:23.36
12 KAREN TALLMADGE USA 3:24.38
13 LIESL SMITH USA 3:39.22
14 ANDRIENNE PLOSS USA 4:06.08

WOMEN -- 25-29 -- 50 M. FLY

1 ANNA PETTIS-SCOTT USA 28.82
2 LINDA TANKERSLEY USA 30.34
3 TARYN GAULIEN USA 30.72
4 ASTRID RADTKE GER 31.05
5 JENNIFER UEBELE USA 31.23
5 HEIKE HAENDEL GER 31.23
7 CHRISSEY LAMBERT USA 31.42
8 KIMBERLEE BRUNER USA 31.54
9 CAROL OLSON USA 31.66
10 NICOLA GORDON GBR 31.69
11 CORNELIA EMBACHER BRA 32.19
12 TRIS SCHLUETTER GER 32.30
13 HIROKO TAKUWA JPN 32.48
14 JENNIFER SMITH USA 32.72
15 AMY ALEXANDER USA 32.81
16 LORI NOSKOWIAK USA 32.98
17 KRISTIN NELSEN USA 32.99
18 LOUROES CISNEROS MEX 33.52
19 DAWN RICHARDS GBR 33.57
20 RAE LYNN SMITH USA 34.45
21 BETH WEIGEL USA 34.90
22 TRACEY GORDON GBR 35.22
23 MARJAN VELDMAN NED 35.82
24 ELAINE PORTER USA 36.04
25 ANNE BERRY USA 36.65
26 MELISSA KERKER USA 36.74
27 LIESL SMITH USA 36.90
28 DIANNE GEIBEL USA 39.49
29 LOUANNA BARNET RSA 39.75
30 CINDY MEIER USA 40.16
31 EDNA LLORENS MEX 40.81
32 DEBORAH CAVANAUGH USA 44.85

WOMEN -- 25-29 -- 100 M. FLY

1 ANNA PETTIS-SCOTT USA 1:07.20
2 LINDA TANKERSLEY USA 1:08.47
3 HEIKE HAENDEL GER 1:09.11

4 TARYN GAULIEN USA 1:09.16
5 ASTRID RADTKE GER 1:09.56
6 CORNELIA EMBACHER BRA 1:10.78
7 JENNIFER UEBELE USA 1:10.80
8 KIMBERLEE BRUNER USA 1:10.87
9 CHRISSEY LAMBERT USA 1:11.07
10 NICOLA GORDON GBR 1:11.15
11 CAROL MACINTYRE GBR 1:11.55
12 LOUROES CISNEROS MEX 1:12.54
13 LORI NOSKOWIAK USA 1:14.24
14 DAWN RICHARDS GBR 1:15.95
15 MARJAN VELDMAN NED 1:16.81
15 KRISTIN NELSEN USA 1:16.81
17 SUSANNE MOLERWIJK NED 1:17.70
18 MARY VASTERLING USA 1:20.42
19 GAIL JERRERY RSA 1:23.06
20 LIESL SMITH USA 1:25.10
21 ANNE BERRY USA 1:27.79

WOMEN -- 25-29 -- 200 M. FLY

1 NICOLA GORDON GBR 2:32.17
2 CORNELIA EMBACHER BRA 2:36.01
3 CAROL MACINTYRE GBR 2:36.67
4 LOUROES CISNEROS MEX 2:44.11
5 JENNIFER UEBELE USA 2:45.81
6 CHRISSEY LAMBERT USA 2:47.78
7 LEANNE MCCONNELL CAN 2:56.60
8 LORI NOSKOWIAK USA 3:10.55
9 GAIL JERRERY RSA 3:16.03

WOMEN -- 25-29 -- 200 M. I.M.

1 CONNY BLEUL GBR 2:30.06
2 CAREN MAHN GER 2:31.08
3 CORRIN CONVIS USA 2:33.78
4 TRISCHA ZORN USA 2:36.88
5 BEATE STEINHOF GER 2:38.01
6 AMY ALEXANDER USA 2:38.58
7 TARYN GAULIEN USA 2:38.82
8 TRIS SCHLUETTER GER 2:40.68
9 KIMBERLEE BRUNER USA 2:44.00
10 YVONNE MULTER USA 2:45.88
11 ROBERTA BARKER GBR 2:46.79
12 KRISTIN NELSEN USA 2:47.63
13 MARY VASTERLING USA 2:51.98
14 ANITA BENEDICT USA 2:52.63
15 LOUROES CISNEROS MEX 2:53.46
16 MARJAN VELDMAN NED 2:53.48
17 ROBIN KENNEDY USA 2:53.55
18 RAE LYNN SMITH USA 2:59.01
19 ELAINE PORTER USA 2:59.79
20 JACKIE SAXON USA 3:06.54
21 ANNE BERRY USA 3:10.98
22 LIESL SMITH USA 3:14.01
23 CINDY MEIER USA 3:28.41

WOMEN -- 25-29 -- 400 M. I.M.

1 CONNY BLEUL GBR 5:21.03
2 GLAUCIA LUNKMOSS BRA 5:28.98
3 AMY ALEXANDER USA 5:34.51
4 YVONNE MULTER USA 5:46.95
5 JENNIFER UEBELE USA 5:49.11
6 ANITA BENEDICT USA 6:01.79

7 GLORIA NEMET USA 6:02.22
8 LEANNE MCCONNELL CAN 6:08.23
9 LOUROES CISNEROS MEX 6:12.08
10 BARBARA KOLITSCH USA 6:20.42

WOMEN -- 30-34 -- 50 M. FREE

1 BETH HARRELL USA 28.21
2 LYNN MARSHALL CAN 28.44
3 MARY ROEBUCK USA 28.50
4 KORNELLA GRUMNT GER 28.62
5 E. SCHEIMANN USA 28.67
6 CATHY DROZDA USA 28.70
7 DIANE DUNN USA 29.17
8 KOGSTAD GURI NOR 29.28
9 KATHY GARNIER USA 29.46
10 LANNY SCHAFFER USA 29.56
11 ANGELA FRANKE GER 29.58
12 SHARON LAHEY USA 29.65
13 SHIRLEY PEACOCK GBR 29.72
14 LAURI NICHOLS USA 29.76
15 DEBORAH DOURLAIN USA 29.81
16 SUZANNE HIGGS AUS 29.85
17 JANA COPELIN USA 29.86
18 BIRGIT HUNDT GER 30.05
19 E. BURCHETT USA 30.22
20 EILEEN O'BRIEN USA 30.36
21 PETRA HAAS GER 30.68
22 VI HUFFMAN NZL 30.82
23 SUSAN ROESCH USA 30.92
24 JULIE PINKNEY GBR 31.04
25 ROBIN KALMAN USA 31.12
26 D.MARIA CRISTINA BRA 31.15
27 SHIRLEY CARINE GBR 31.62
28 MARIA PINTO MAGNO VEN 31.66
29 ANDRA OZOLINS USA 31.81
30 JULIE BEAUMONT GBR 31.98
31 IRENA LUPINKOVA CZE 32.08
32 SARAH HRDMADA USA 32.27
33 C. BOUCKAERT FRA 32.35
34 INGRID POHL GER 32.38
35 CAROLE MASSIE USA 32.54
36 MARIA KUSSEROW GER 32.98
37 JANN BUTLER USA 33.00
37 MICHELLE ROGERS USA 33.00
39 CATHY WELTON USA 33.31
40 CARLA SPINOLO MEX 33.39
41 MARIA UZDANETA PER 33.49
42 KELLY BERGDOLL USA 33.69
43 PAMELA SMEIGH USA 34.07
44 YASUKO TAKAYAMA JPN 34.12
45 CAROLINE HAINES GBR 34.22
46 C. GETTELFINGER USA 34.68
47 LIZ HANES USA 34.77
48 CHIEKO MAEDA JPN 34.80
49 GABRIELA SILVEYRA ARG 35.70
50 CARMEN MALDONADO MEX 36.69
51 ELIZABETH RIBEIRO BRA 39.62

WOMEN -- 30-34 -- 100 M. FREE

1 LYNN MARSHALL CAN 1:00.31
2 BETH HARRELL USA 1:00.57
3 MARY ROEBUCK USA 1:00.60
4 CATHY DROZDA USA 1:02.09

SWIMMING RESULTS - WOMEN

5	E. SCHEIMANN	USA	1:03.23
6	KATHY GARNIER	USA	1:03.65
7	KORNELLA GRUMMT	GER	1:04.09
8	SHARON LAHEY	USA	1:04.90
9	ANGELA FRANK	GER	1:04.91
10	JULIE SEARS	USA	1:05.16
11	SUZANNE HIGGS	AUS	1:05.63
12	DIANE DUNN	USA	1:05.68
13	SHIRLEY PEACOCK	GBR	1:05.72
14	MARGUERITE MEYER	USA	1:06.29
15	D. MARIA CRISTINA	BRA	1:06.96
16	DEBORAH DOURLAIN	USA	1:07.06
17	SUSAN ROESCH	USA	1:08.21
18	BIRGIT HUNDT	GER	1:08.49
19	SHIRLEY CARINE	GBR	1:08.72
20	VERITY DOBBIE	GBR	1:08.81
21	VI HUFFMAN	NZL	1:09.70
22	JANA COPELIN	USA	1:09.73
23	SARAH HRDMADA	USA	1:10.26
24	MARIA PINTO MAGNO	VEN	1:11.09
25	CAROLE MASSIE	USA	1:11.61
26	C. BOUCKAERT	FRA	1:12.07
27	ANDRA OZOLINS	USA	1:12.55
28	MAG BOWEN	USA	1:13.28
29	PAMELA SMEIGH	USA	1:14.12
30	IRENA LUPINKOVA	CZE	1:15.16
31	MICHELLE ROGERS	USA	1:15.40
32	LISA ROBERTS	USA	1:16.28
33	CAROLINE HAINES	GBR	1:16.73
34	KELLY BERGDOLL	USA	1:17.17
35	CARMEN MALDONADO	MEX	1:19.62
36	CATHERINE SHAVE	USA	1:23.05
37	ELIZABETH RIBEIRO	BRA	1:30.50
38	MICHELLE CHAPMAN	GBR	1:39.64

WOMEN -- 30-34 -- 200 M. FREE

1	LYNN MARSHALL	CAN	2:09.12
2	MARY ROEBUCK	USA	2:11.10
3	K. PARKER-MEDLIN	USA	2:11.66
4	BETH HARRELL	USA	2:11.83
5	DIANE BRADES	GBR	2:15.25
6	E. SCHEIMANN	USA	2:16.99
7	CARMELA ERTEL	GER	2:18.58
8	CATHY DROZDA	USA	2:19.76
9	KATHY GARNIER	USA	2:20.57
10	MARGUERITE MEYER	USA	2:22.29
11	EILEEN O'BRIEN	USA	2:24.51
12	COLLEEN DRISCOLL	USA	2:24.96
13	JULIE PINKNEY	GBR	2:27.66
14	SHIRLEY CARINE	GBR	2:28.99
15	LAURA KESSLER	USA	2:30.28
16	MARGRIET LINGEMAN	NED	2:31.42
17	SUSAN ROESCH	USA	2:32.45
18	ROBIN KALMAN	USA	2:33.32
19	M. OETTINGER	USA	2:39.80
20	SHELLY MILLER	USA	2:43.99
21	AMY GROSKOPF	USA	2:45.32
22	MARGARET MORRIS	USA	2:48.96
23	CAROLINE HAINES	GBR	2:50.85
24	MARYANN PETERSEN	USA	2:55.16
25	LISA SWINEFORD	USA	2:55.86
26	JULIE BICKEL	USA	2:55.86
27	CATHERINE SHAVE	USA	2:58.08
28	MICHELLE CHAPMAN	GBR	3:34.98

WOMEN -- 30-34 -- 400 M. FREE

1	LYNN MARSHALL	CAN	4:33.22
2	K. PARKER-MEDLIN	USA	4:35.06
3	MARY ROEBUCK	USA	4:38.54
4	DIANE BRADES	GBR	4:48.37
5	CARMELA ERTEL	GER	4:50.82
6	MARGUERITE MEYER	USA	4:53.43
7	ESTHER ISEPPI	SUI	4:54.65
8	COLLEEN DRISCOLL	USA	5:00.23
9	ERIN BORDEN	USA	5:07.98
10	KATHY GARNIER	USA	5:08.54
11	EILEEN O'BRIEN	USA	5:10.08
12	ANGELA FRANK	GER	5:12.88
13	VERA OSTENDORF	GER	5:21.24
14	SUSAN ROESCH	USA	5:28.33
15	BEVERLEY WRIGHT	GBR	5:33.50
16	JILL HIGGINBOTHAM	USA	5:34.12
17	RUTH BIELEFELD	USA	5:37.36
18	LISA ROBERTS	USA	5:41.02
19	PAMELA SMEIGH	USA	5:41.31
20	NANCI SIROIS	USA	5:43.16
21	SARAH HRDMADA	USA	5:44.76
22	CARLA SPINOLO	MEX	5:46.29
23	CHERYL ATCHLEY	USA	6:04.29
24	ELIZABETH KENYON	HKG	6:15.58
25	CATHERINE SHAVE	USA	6:18.86
26	ALISON HAY	GBR	6:35.92

WOMEN -- 30-34 -- 800 M. FREE

1	LYNN MARSHALL	CAN	9:16.82
2	K. PARKER-MEDLIN	USA	9:26.26
3	MARY ROEBUCK	USA	9:37.87
4	CARMELA ERTEL	GER	9:57.75
5	MARGUERITE MEYER	USA	10:06.22
6	COLLEEN DRISCOLL	USA	10:18.89
7	EILEEN O'BRIEN	USA	10:38.04
8	ESTHER ISEPPI	SUI	10:38.22
9	LAURA KESSLER	USA	10:56.75
10	VERA OSTENDORF	GER	11:10.57
11	KATHY GARNIER	USA	11:10.63
12	MARY MORRIS	USA	11:29.85
13	M. OETTINGER	USA	11:41.11
14	CARLA SPINOLO	MEX	12:02.00
15	MARGARET MORRIS	USA	12:03.07
16	SHELLY MILLER	USA	12:29.55
17	LISA SWINEFORD	USA	12:50.61
18	CATHERINE SHAVE	USA	13:06.34
19	C. BOUCKAERT	FRA	13:08.86
20	MARYANN PETERSEN	USA	13:25.48
21	ALISON HAY	GBR	13:41.79
22	MICHELLE CHAPMAN	GBR	15:49.61

WOMEN -- 30-34 -- 50 M. BACK

1	KORNELIA GRUMMT	GER	32.47
2	SHARON LAHEY	USA	32.54
3	ANDREA DEVUONO	USA	32.89
4	M. OLIVER SEXSMITH	CAN	33.21
5	DIANE DUNN	USA	33.59
6	LANNY SCHAFFER	USA	33.85
7	ERIN BORDEN	USA	34.04
8	JULIE PINKNEY	GBR	34.74

9	DEBORAH DOURLAIN	USA	35.48
9	ELENA SINITSINO	RUS	35.48
11	SHIRLEY PEACOCK	GBR	36.82
12	JANN BUTLER	USA	37.56
13	C. BOUCKAERT	FRA	37.67
14	BEVERLEY WRIGHT	GBR	38.00
15	SARAH HRDMADA	USA	38.09
16	ROBIN KALMAN	USA	38.60
17	IRENA LUPINKOVA	CZE	39.57
18	MAG BOWEN	USA	39.74
19	PETRA TUCHEN	GER	39.75
20	MICHELLE ROGERS	USA	39.77
21	BEVERLEY MILLS	RSA	40.16
22	JANA COPELIN	USA	40.26
23	CHIEKO MAEDA	JPN	40.52
24	YASUKO TAKAYAMA	JPN	40.68
25	JULIE BEAUMONT	GBR	41.11
26	MARCELA BORGHINI	ARG	41.41
27	KELLY BERGDOLL	USA	42.25
28	JANE COUDRET	USA	43.51
29	CAROLINE HAINES	GBR	44.05
30	LIZ HANES	USA	44.71

WOMEN -- 30-34 -- 100 M. BACK

1	ANDREA DEVUONO	USA	1:10.44
2	KORNELIA GRUMMT	GER	1:10.62
3	SHARON LAHEY	USA	1:10.99
4	M. OLIVER SEXSMITH	CAN	1:11.59
5	ERIN BORDEN	USA	1:12.59
6	SANDRA ZIEMER	USA	1:12.84
7	DIANE DUNN	USA	1:14.17
8	JULIE PINKNEY	GBR	1:14.95
9	CAROLE MASSIE	USA	1:15.24
10	LAURI NICHOLS	USA	1:16.43
11	DEBORAH DOURLAIN	USA	1:16.57
12	CRISTINA GRUGNI	ITA	1:17.80
13	ELENA SINITSINO	RUS	1:18.81
14	MARGRIET LINGEMAN	NED	1:20.66
15	BEVERLEY WRIGHT	GBR	1:21.32
16	SUSAN ROESCH	USA	1:21.97
17	MARY MORRIS	USA	1:22.24
18	C. BOUCKAERT	FRA	1:23.41
19	CHIEKO MAEDA	JPN	1:24.71
20	ROBIN KALMAN	USA	1:25.38
21	VI HUFFMAN	NZL	1:26.22
22	BEVERLEY MILLS	RSA	1:28.58
23	YASUKO TAKAYAMA	JPN	1:31.11
24	MARYANN PETERSEN	USA	1:32.97
25	KELLY BERGDOLL	USA	1:33.20

WOMEN -- 30-34 -- 200 M. BACK

1	ANDREA DEVUONO	USA	2:33.69
2	OLIVER SEXSMITH	CAN	2:37.90
3	JULIE PINKNEY	GBR	2:41.19
4	ERIN BORDEN	USA	2:42.00
5	CRISTINA GRUGNI	ITA	2:46.17
6	MARGRIET LINGEMAN	NED	2:53.11
7	BEVERLEY WRIGHT	GBR	2:54.08
8	SARAH HRDMADA	USA	2:56.62
9	NANCI SIROIS	USA	3:04.56
10	CHIEKO MAEDA	JPN	3:08.13
11	R. SILVA ANDRADE	BRA	3:12.38
12	BEVERLEY MILLS	RSA	3:13.40

SWIMMING RESULTS - WOMEN

13 YASUKO TAKAYAMA JPN 3:17.95
14 KELLY BERGDOLL USA 3:25.45

WOMEN -- 30-34 -- 50 M. BRST

1	VERITY DOBBIE	GBR	36.44
2	ELAINE AVERILL	GBR	36.52
3	NEROLI NIXON	AUS	36.96
4	SHIRLEY CARINE	GBR	37.20
5	E.SCHEIMANN	USA	37.26
6	JULIE BOAZ	USA	37.27
7	PETRA HAAS	GER	37.54
8	JANE ROBIE	USA	38.09
9	MARIA KUSSEROW	GER	38.43
10	GAIL MCCARNEY	RSA	38.49
11	CLAUDIA OLAVIDE	PUR	38.99
12	SHIRLEY PEACOCK	GBR	39.11
13	VAL KERR-HAGUE	USA	39.23
14	JULIE BEAUMONT	GBR	40.50
15	INGRID POHL	GER	41.71
16	ALISON HAY	GBR	41.80
17	MARIA UZDANETA	PER	42.38
18	BEVERLEY MILLS	RSA	42.47
19	CARLA SPINOLO	MEX	42.49
20	JULIE BICKEL	USA	42.61
21	CARMEN MALDONADO	MEX	43.10
22	ANNE PHILLIPS	USA	43.76
23	DEBORAH HOFFNAGLE	USA	43.82
24	KATHY GARNIER	USA	44.32
25	C.GETTELFINGER	USA	45.52
26	JANE COUDRET	USA	45.87
27	PATRICIA BRAVO	ARG	47.48

WOMEN -- 30-34 -- 100 M. BRST

1	JULIE SEARS	USA	1:20.91
2	ELAINE AVERILL	GBR	1:21.23
3	NEROLI NIXON	AUS	1:21.85
4	CATHY DROZDA	USA	1:21.86
5	VERITY DOBBIE	GBR	1:21.94
6	E.SCHEIMANN	USA	1:22.03
7	JULIE BOAZ	USA	1:22.72
8	SHIRLEY CARINE	GBR	1:23.97
9	PETRA HAAS	GER	1:25.48
10	LAURI NICHOLS	USA	1:25.74
11	GAIL MCCARNEY	RSA	1:26.65
12	E.BURCHETT	USA	1:27.02
13	RENATE CHRIST	GER	1:27.12
14	MARIA KUSSEROW	GER	1:28.10
15	AMY GROSKOPF	USA	1:32.58
16	INGRID POHL	GER	1:32.62
17	BEVERLEY MILLS	RSA	1:32.84
18	CATHY WELTON	USA	1:32.94
19	M.OETTINGER	USA	1:33.53
20	ALISON HAY	GBR	1:34.09
21	DEBORAH HOFFNAGLE	USA	1:36.04
22	CECILIA SABINO	ARG	1:38.62
23	CARMEN MALDONADO	MEX	1:40.69
24	KAY CERVETTI	USA	1:41.82
25	JANE COUDRET	USA	1:43.10

WOMEN -- 30-34 -- 200 M. BRST

1	NEROLI NIXON	AUS	2:56.15
2	JULIE BOAZ	USA	2:56.38

3	JULIE SEARS	USA	2:56.69
4	ELAINE AVERILL	GBR	2:59.64
5	ESTHER ISEPPI	SUI	2:59.81
6	E.SCHEIMANN	USA	3:00.26
7	VERITY DOBBIE	GBR	3:01.86
8	LAURA KESSLER	USA	3:08.96
9	JILL HIGGINBOTHAM	USA	3:11.15
10	GAIL MCCARNEY	RSA	3:11.53
11	AMY GROSKOPF	USA	3:18.33
12	JULIE BICKEL	USA	3:20.35
13	M.OETTINGER	USA	3:21.41
14	BEVERLEY MILLS	RSA	3:22.95
15	INGRID POHL	GER	3:22.96
16	RUTH BIELEFELD	USA	3:26.39
17	DEBORAH HOFFNAGLE	USA	3:28.77
18	CARMEN MALDONADO	MEX	3:34.89
19	NANCI SIROIS	USA	3:35.57
20	MARYANN PETERSEN	USA	3:55.89

WOMEN -- 30-34 -- 50 M. FLY

1	BETH HARRELL	USA	29.22
2	SANDRA ZIEMER	USA	30.27
3	DIANE BRADES	GBR	31.02
4	M OLIVER SEXSMITH	CAN	31.20
5	NEROLI NIXON	AUS	31.43
6	KOGSTAD GURI	NOR	31.46
7	LAURI NICHOLS	USA	31.47
8	JULIE SEARS	USA	31.48
9	SHIRLEY PEACOCK	GBR	31.92
10	SHARON LAHEY	USA	32.10
11	E.BURCHETT	USA	32.32
12	SUSAN GOLDSWORTHY	GBR	32.49
13	RENATE CHRIST	GER	32.63
14	MARIE SADLER	GBR	32.84
15	D.MARIA CRISTINA	BRA	32.94
16	PETRA HAAS	GER	33.11
17	SUZANNE HIGGS	AUS	33.29
18	BIRGIT HUNDT	GER	33.38
19	CLAUDIA OLAVIDE	PUR	33.47
20	COLLEEN DRISCOLL	USA	33.59
21	MARIA PINTO MAGNO	VEN	34.23
22	CATHY WELTON	USA	34.45
23	JANA COPELIN	USA	34.56
24	C.BOUCKAERT	FRA	35.90
25	CHERYL ATCHLEY	USA	36.24
26	SHELLY MILLER	USA	36.45
27	CARLA SPINOLO	MEX	39.77
28	AMY GROSKOPF	USA	40.41
29	A.GUTIERREZ	MEX	56.18

WOMEN -- 30-34 -- 100 M. FLY

1	BETH HARRELL	USA	1:06.08
2	DIANE BRADES	GBR	1:08.56
3	SANDRA ZIEMER	USA	1:08.98
4	LAURI NICHOLS	USA	1:09.50
5	SUSAN GOLDSWORTHY	GBR	1:09.72
6	NEROLI NIXON	AUS	1:10.09
7	KOGSTAD GURI	NOR	1:10.73
8	RENATE CHRIST	GER	1:11.27
9	M OLIVER SEXSMITH	CAN	1:11.60
10	B SILVA BERTANI	BRA	1:12.91
11	ESTHER ISEPPI	SUI	1:13.04
12	COLLEEN DRISCOLL	USA	1:13.17

13	MARGRIET LINGEMAN	NED	1:13.45
14	E.BURCHETT	USA	1:14.05
15	JULIE BOAZ	USA	1:14.20
16	MARIE SADLER	GBR	1:14.96
17	STEPHANIE PORTER	USA	1:15.48
18	MARIA PINTO MAGNO	VEN	1:16.61
19	CLAUDIA OLAVIDE	PUR	1:16.62
20	MARY MORRIS	USA	1:20.26
21	MARGARET MORRIS	USA	1:20.79
22	BEVERLEY WRIGHT	GBR	1:24.66
23	SHELLY MILLER	USA	1:26.72
24	JANA COPELIN	USA	1:27.60

WOMEN -- 30-34 -- 200 M. FLY

1	DIANE BRADES	GBR	2:28.06
2	SUSAN GOLDSWORTHY	GBR	2:29.86
3	NEROLI NIXON	AUS	2:34.44
4	RENATE CHRIST	GER	2:35.66
5	ESTHER ISEPPI	SUI	2:37.71
6	B SILVA BERTANI	BRA	2:41.54
7	MARGRIET LINGEMAN	NED	2:43.85
8	STEPHANIE PORTER	USA	2:43.98
9	COLLEEN DRISCOLL	USA	2:47.43
10	SUZANNE HIGGS	AUS	2:48.42
11	VERA OSTENDORF	GER	2:59.99
12	BEVERLEY WRIGHT	GBR	3:13.20
13	R.SILVA ANDRADE	BRA	3:22.95
14	A.GUTIERREZ	MEX	4:25.87

WOMEN -- 30-34 -- 200 M. I.M.

1	MARY ROEBUCK	USA	2:32.31
2	ANDREA DEVIUNO	USA	2:33.10
3	JULIE SEARS	USA	2:33.51
4	CATHY DROZDA	USA	2:36.35
5	SANDRA ZIEMER	USA	2:36.72
6	ANGELA FRANKE	GER	2:37.63
7	M OLIVER SEXSMITH	CAN	2:38.91
8	LAURI NICHOLS	USA	2:39.26
9	CARMELA ETEL	GER	2:39.65
10	JULIE BOAZ	USA	2:44.60
11	B.SILVA BERTANI	BRA	2:48.40
12	LAURA KESSLER	USA	2:49.68
13	STEPHANIE PORTER	USA	2:51.63
14	E.BURCHETT	USA	2:53.11
15	JILL HIGGINBOTHAM	USA	2:54.53
16	KAREN LODGE	USA	2:56.77
17	MARY MORRIS	USA	3:00.11
18	RUTH BIELEFELD	USA	3:09.36
19	CHERYL ATCHLEY	USA	3:09.78
20	CARLA SPINOLO	MEX	3:10.51
21	AMY GROSKOPF	USA	3:11.38
22	JULIE BICKEL	USA	3:12.50
23	MARYANN PETERSEN	USA	3:23.24

WOMEN -- 30-34 -- 400 M. I.M.

1	DIANE BRADES	GBR	5:24.86
2	LYNN MARSHALL	CAN	5:25.03
3	ANDREA DEVIUNO	USA	5:27.05
4	JULIE SEARS	USA	5:29.57
5	K PARKER-MEDLIN	USA	5:30.42
6	ESTHER ISEPPI	SUI	5:39.11
7	ERIN BORDEN	USA	5:42.37

SWIMMING RESULTS - WOMEN

8 B SILVA BERTANI BRA 5:50.65
9 MARGUERITE MEYER USA 5:52.29
10 JULIE BOAZ USA 5:54.10
11 STEPHANIE PORTER USA 5:56.44
12 CRISTINA GRUGNI ITA 5:58.01
13 VERA OSTENDORF GER 6:04.53
14 Nanci SIROIS USA 6:26.14
15 RUTH BIELEFELD USA 6:36.21
16 A. GUTIERREZ MEX 9:17.93

WOMEN -- 35-39 -- 50 M. FREE *****

1 K. TREBESINER USA 28.78
2 ALYSON JONES GBR 29.16
3 HELEN RYAN USA 29.79
4 KAREN HOGAN USA 30.02
5 TERRI HOPPENRATH USA 30.09
6 MYR FERREIRA BRA 31.41
7 JANE JOLLY IRE 31.50
8 PATRICIA KIMBALL USA 31.58
9 KAREN MCLARTY USA 31.67
10 INGE GUTSCHER GER 31.85
11 KAREN MELICK USA 31.98
12 SALLY MILLS GBR 31.99
13 M. LEEUWEN-VERMAAT NED 32.10
14 PATRICIA SCHENKEL USA 32.16
15 FERNA CHANGANAZUI PER 32.30
16 EMILY HOLZFASTER USA 32.33
17 ANN GUINS USA 32.41
18 MARGARET HAIR USA 32.51
19 JAN HINSON USA 33.20
20 NAN WITCHER USA 33.48
21 ROSA ROBLES MEX 33.68
22 SALLY MOLONEY USA 34.17
23 JACLYN HUFF USA 34.21
24 M. SHERLETON USA 34.31
25 NORA MALDONADO MEX 34.50
26 SANDY BAXTER USA 34.90
27 ELKE GATTER GER 34.94
28 ANN KRUG USA 35.22
29 JUSSA ALMEIDA BRA 36.99
30 HELEN RODSAND NOR 37.00
31 KATHY LANCASTER USA 39.82
32 BEATRIZ MONTERO MEX 39.83
33 DIANE DALGLEISH USA 40.71
34 CHRISTINE BROWN NZL 41.25
35 YUMIKO TASAKI JPN 41.32
36 BARBARA MILLNS GBR 43.89
37 KUMIKO YANAGA JPN 49.98
38 WENDY DUNLOP CAN 51.40
39 EDITH CAHILL NZL 59.91

WOMEN -- 35-39 -- 100 M. FREE *****

1 K. TREBESINER USA 1:02.59
2 ALYSON JONES GBR 1:02.70
3 HELEN RYAN USA 1:05.78
4 TERRI HOPPENRATH USA 1:05.82
5 KAREN HOGAN USA 1:06.64
6 PATRICIA KIMBALL USA 1:10.21
7 BARBARA RICHMIRE CAN 1:10.63
8 FERNA CHANGANAZUI PER 1:11.13
9 MARGARET HAIR USA 1:13.31
10 PATRICIA SCHENKEL USA 1:13.96
11 NAN WITCHER USA 1:14.31

12 ANITA ALLEN USA 1:14.65
13 NORA MALDONADO MEX 1:16.16
14 CAROL FLEMING USA 1:17.47
15 ROSA ROBLES MEX 1:18.25
16 M. SHERLETON USA 1:18.38
17 JAN HINSON USA 1:18.42
18 CHERYL WARNER GBR 1:18.56
19 CINDY HAUBER USA 1:18.93
20 ANN KRUG USA 1:21.26
21 HELEN RODSAND NOR 1:23.17
22 JANE BAKI USA 1:24.71
23 JUSSA ALMEIDA BRA 1:25.48
24 LOU CORONES USA 1:26.64
25 KATHY LANCASTER USA 1:27.79
26 BEATRIZ MONTERO MEX 1:29.57
27 CHRISTINE BROWN NZL 1:31.45
28 HITOMI HATTORI JPN 1:32.16
29 BARBARA MILLNS GBR 1:37.75
30 WENDY DUNLOP CAN 1:53.63
31 EDITH CAHILL NZL 2:29.06

WOMEN -- 35-39 -- 200 M. FREE *****

1 K. TREBESINER USA 2:19.71
2 KATHERINE BRANCH USA 2:21.52
3 DANIEL OGIER USA 2:22.00
4 MARY CURL USA 2:22.65
5 TERRI HOPPENRATH USA 2:26.78
6 DEBORAH CAIN USA 2:26.81
7 ANN DE PRAETER CAN 2:31.54
8 KATHIE COVARD USA 2:31.63
9 KAREN MCLARTY USA 2:31.67
10 EMILY HOLZFASTER USA 2:33.28
11 SALLY MILLS GBR 2:34.39
12 ROSANNA SIKORA USA 2:38.33
13 ANITA ALLEN USA 2:44.25
14 GAIL RIPPE USA 2:44.31
15 GLORIA BRITTON USA 2:50.67
16 ROSA ROBLES MEX 2:53.96
17 BETSY HOBBS USA 2:56.54
18 NANCY FRENCH USA 2:56.77
19 JILL DAY USA 3:02.65
20 JAN JOHNSON USA 3:10.82
21 CHRISTINE BROWN NZL 3:19.26
22 KATHY LANCASTER USA 3:29.00
23 BARBARA MILLNS GBR 3:37.54

WOMEN -- 35-39 -- 400 M. FREE *****

1 KATHERINE BRANCH USA 4:56.04
2 DEBORAH CAIN USA 5:08.13
3 DANIEL OGIER USA 5:09.41
4 ANN DE PRAETER CAN 5:24.99
5 JOANNE BOWSER USA 5:29.39
6 CHERYL WARNER GBR 5:34.20
7 ROSANNA SIKORA USA 5:34.29
8 KRIS WINGENROTH USA 5:37.48
9 VICKY SANDBERG USA 5:38.55
10 JANE JOLLY IRE 5:43.65
11 PAM GEIGER USA 5:44.47
12 ANITA ALLEN USA 5:45.65
13 MARGARET HAIR USA 5:50.63
14 PATRICIA BAYERS USA 5:52.49
15 SHANNON SULLIVAN USA 6:02.89
16 NORA MALDONADO MEX 6:05.13

17 MARIE CATTIE USA 6:10.55
18 NANCY FRENCH USA 6:12.87
19 BETSY HOBBS USA 6:13.68
20 CINDY HAUBER USA 6:18.42
21 SILVIA ALMADA BRA 6:22.31
22 JANE BAKI USA 6:27.72
23 DESIRE DALIA USA 6:31.93
24 JAN JOHNSON USA 6:33.13
25 CHUNG HSIAO-YEN TPE 7:19.23
26 DIXIE DEVRY USA 7:33.72
27 BEATRIZ SCHULZE ARG 7:49.14
28 EDITH DOLATA BRA 8:26.68

WOMEN -- 35-39 -- 800 M. FREE *****

1 KAREN FARNSWORTH USA 10:05.82
2 KATHERINE BRANCH USA 10:08.13
3 MARY CURL USA 10:20.61
4 D. OGIER-POLLARD USA 10:34.86
5 KRIS WINGENROTH USA 11:07.21
6 EMILY HOLZFASTER USA 11:19.25
7 ANN DE PRAETER CAN 11:27.92
8 ROSANNA SIKORA USA 11:29.51
9 SALLY MILLS GBR 11:33.93
10 PAM GEIGER USA 11:36.17
11 SUSAN BLOOMFIELD USA 12:05.23
12 ANITA ALLEN USA 12:10.53
13 GAIL RIPPE USA 12:23.34
14 MARINA ROCHTCHINA RUS 12:29.12
15 MARIE CATTIE USA 12:53.32
16 BETSY HOBBS USA 12:58.43
17 PATRICIA BAYERS USA 13:02.18
18 DESIRE DALIA USA 13:04.89
19 CHRISTINE BROWN NZL 15:16.93
20 BEATRIZ SCHULZE ARG 15:35.93

WOMEN -- 35-39 -- 50 M. BACK *****

1 KAREN FARNSWORTH USA 33.99
2 M. LEEUWEN-VERMAAT NED 34.68
3 VICKY SANDBERG USA 36.44
4 LAURIE ROBINSON USA 36.45
5 MYR FERREIRA BRA 36.64
5 BARBARA RICHMIRE CAN 36.64
7 ANN GUINS USA 37.35
8 JILL VANDERFLEET USA 37.91
9 KATHY HOFSTETTER USA 38.14
10 PATRICIA KIMBALL USA 39.02
11 NAN WITCHER USA 39.70
12 C. FRYDRYCH RSA 40.21
13 FERNA CHANGANAZUI PER 40.76
14 PATRICIA SCHENKEL USA 41.40
15 ROSA ROBLES MEX 42.73
16 MANUELA MAIWALD GER 43.50
17 CAROL FLEMING USA 45.37
18 DIXIE DEVRY USA 45.53
19 CINDY HAUBER USA 46.05
20 SHERYL FISHER USA 46.15
21 LAURA MELDRUM USA 47.17
22 BARBARA MILLNS GBR 51.00
23 KATHY LANCASTER USA 54.20
24 EDITH CAHILL NZL 1:12.07

WOMEN -- 35-39 -- 100 M. BACK *****

SWIMMING RESULTS - WOMEN

1	KAREN FARNSWORTH	USA	1:12.80	14	M.SHERLETON	USA	43.79	7	CATHERIN KOHN	USA	3:09.75
2	KATHERINE BRANCH	USA	1:14.96	15	MARGARET HAIR	USA	44.55	8	D.OGIER-POLLARD	USA	3:09.77
3	M.LEEUWEN-VERMAAT	NED	1:16.52	16	C.FRYDRYCH	RSA	44.59	9	LAURIE ROBINSON	USA	3:11.53
4	HELEN RYAN	USA	1:16.77	17	HELEN RODSAND	NOR	44.87	10	M.HILLENBRAND	GER	3:11.98
5	CATHERIN KOHN	USA	1:17.19	18	JAN HINSON	USA	45.00	11	L.BENNETT-WILLIAM	USA	3:15.64
6	MARY CURL	USA	1:17.32	19	LAURA PACHECO IZA	PER	45.13	12	KATHIE COVARD	USA	3:17.15
7	DEBORAH CAIN	USA	1:19.75	20	MANUELA MAIWALD	GER	45.32	13	JAN TRUCHAN	USA	3:17.54
8	LAURIE ROBINSON	USA	1:20.20	21	M.YANKELIOVICH	ARG	45.41	14	VICKY SANDBERG	USA	3:18.58
9	TERRI HOPPENRATH	USA	1:20.40	22	MARGARIDA PASSOS	BRA	46.57	15	SUSAN BLOOMFIELD	USA	3:18.84
10	EMILY HOLZFASTER	USA	1:20.83	23	HITOMI HATTORI	JPN	46.98	16	KIM CROUNSE	USA	3:20.29
11	BARBARA RICHMIRE	CAN	1:21.00	24	ELKE GATTER	GER	47.01	17	NORA MALDONADO	MEX	3:23.74
12	VICKY SANDBERG	USA	1:21.43	25	BEATRIZ MONTERO	MEX	47.64	18	OLGA DAVIDOVA	RUS	3:27.18
13	JOANNE BOWSER	USA	1:21.85	26	JUSSA ALMEIDA	BRA	49.45	19	M.SHERLETON	USA	3:30.73
14	ANN GUINS	USA	1:22.28	27	LOU CORONES	USA	49.59	20	LISA ROSS	USA	3:31.98
15	KATHY HOFSTETTER	USA	1:23.90	28	CINDY HAUBER	USA	49.75	21	JAN HINSON	USA	3:42.90
16	NAN WITCHER	USA	1:26.65	29	JANE BAKI	USA	49.89	22	MARGARIDA PASSOS	BRA	3:45.95
17	C.FRYDRYCH	RSA	1:29.93	30	DIANE DALGLEISH	USA	53.68	23	SILVIA ALMADA	BRA	3:46.90
18	MARIE CATTIE	USA	1:36.38	31	KATHY LANCASTER	USA	54.63	24	BEATRIZ SCHULZE	ARG	4:12.22
19	NANCY FRENCH	USA	1:38.11	32	MIYUKI YANAI	JPN	1:09.82	*****			
20	SHERYL FISHER	USA	1:38.29	33	EDITH CAHILL	NZL	1:26.64	WOMEN -- 35-39 -- 50 M. FLY			
21	LAURA MELDRUM	USA	1:38.91	*****				*****			
22	CHRISTINE BROWN	NZL	1:48.89	WOMEN -- 35-39 -- 100 M. BRST				1	HELEN RYAN	USA	31.37
23	BARBARA MILLNS	GBR	1:50.40	*****				2	KAREN HOGAN	USA	31.44
24	EDITH CAHILL	NZL	2:45.24	1	KAREN MELICK	USA	1:20.93	3	K.TREBESINER	USA	31.77
*****				2	AMANDA HEATH	GBR	1:23.46	4	DONNA NEARY	USA	32.21
WOMEN -- 35-39 -- 200 M. BACK				3	GILLIAN CACKETT	GBR	1:23.99	5	M.FERREIRA	BRA	33.28
*****				4	MAYSA AMADO	GBR	1:24.34	6	SALLY MILLS	GBR	33.43
1	KAREN FARNSWORTH	USA	2:35.44	5	JUDY HOOGLAND	CAN	1:25.01	7	MAYSA AMADO	GBR	33.60
2	KATHERINE BRANCH	USA	2:37.93	6	DONNA NEARY	USA	1:25.81	8	TERRI HOPPENRATH	USA	33.79
3	K.TREBESINER	USA	2:42.82	7	KAREN MCLARTY	USA	1:27.44	9	KAREN MELICK	USA	33.86
4	MARYANN STEVENS	USA	2:44.76	8	CATHERIN KOHN	USA	1:27.78	10	JANE JOLLY	IRE	34.28
5	CATHERIN KOHN	USA	2:49.78	9	L.BENNETT-WILLIAM	USA	1:28.02	11	PATRICIA KIMBALL	USA	34.60
6	DEBORAH CAIN	USA	2:50.06	10	M.HILLENBRAND	GER	1:28.52	12	INGE GUTSCHER	GER	35.12
7	M.LEEUWEN-VERMAAT	NED	2:50.56	11	LAURIE ROBINSON	USA	1:29.41	13	L.BENNETT-WILLIAM	USA	35.16
8	LAURIE ROBINSON	USA	2:52.45	12	JAN TRUCHAN	USA	1:29.58	14	M.HILLENBRAND	GER	35.86
9	JOANNE BOWSER	USA	2:52.59	13	KATHIE COVARD	USA	1:31.35	15	KAREN MCLARTY	USA	35.87
10	BARBARA RICHMIRE	CAN	2:53.33	14	KIM CROUNSE	USA	1:31.57	16	ROSE SANTOWSKI	USA	36.46
11	LEE HUFFMAN	NZL	2:55.16	15	WENDY ROTTMANN	CAN	1:31.90	17	NAN WITCHER	USA	36.47
12	EMILY HOLZFASTER	USA	2:55.48	16	MARA BOSSOW	USA	1:31.99	18	ANITA ALLEN	USA	36.79
13	VICKY SANDBERG	USA	2:58.72	17	OLGA DAVIDOVA	RUS	1:32.16	19	WENDY ROTTMANN	CAN	37.50
14	KATHY HOFSTETTER	USA	3:02.01	18	CHERYL WARNER	GBR	1:33.48	20	JACLYN HUFF	USA	41.59
15	JILL VANDERFLEET	USA	3:02.26	19	NORA MALDONADO	MEX	1:33.60	21	KATHY LANCASTER	USA	51.73
16	ANN DE PRAETER	CAN	3:02.85	20	SUSAN BLOOMFIELD	USA	1:34.45	22	WENDY DUNLOP	CAN	1:05.55
17	C.FRYDRYCH	RSA	3:17.40	21	M.SHERLETON	USA	1:36.28	*****			
18	MARIE CATTIE	USA	3:26.40	22	LISA ROSS	USA	1:36.92	WOMEN -- 35-39 -- 100 M. FLY			
19	LAURA MELDRUM	USA	3:29.41	23	C.FRYDRYCH	RSA	1:40.65	*****			
20	NANCY FRENCH	USA	3:32.46	24	LAURA PACHECO IZA	PER	1:41.86	1	HELEN RYAN	USA	1:11.12
21	BARBARA MILLNS	GBR	3:54.01	25	SILVIA ALMADA	BRA	1:43.13	2	K.TREBESINER	USA	1:13.27
22	TUULA TYPPO	FIN	5:12.72	26	SALLY MOLONEY	USA	1:44.65	3	MARYANN STEVENS	USA	1:13.58
*****				27	JANE BAKI	USA	1:45.95	4	DONNA NEARY	USA	1:14.31
WOMEN -- 35-39 -- 50 M. BRST				28	MARGARIDA PASSOS	BRA	1:46.39	5	LEE HUFFMAN	NZL	1:14.48
*****				29	DIXIE DEVRY	USA	1:47.47	6	AMANDA HEATH	GBR	1:14.81
1	KAREN MELICK	USA	36.34	30	ANN KRUG	USA	1:47.84	7	SALLY MILLS	GBR	1:15.08
2	MAYSA AMADO	BRA	36.93	31	BEATRIZ MONTERO	MEX	1:48.61	8	KRIS WINGENROTH	USA	1:17.39
3	GILLIAN CACKETT	GBR	37.38	32	LOU CORONES	USA	1:49.11	9	M.HILLENBRAND	GER	1:19.91
4	AMANDA HEATH	GBR	37.60	33	JUSSA ALMEIDA	BRA	1:57.04	10	KAREN HOGAN	USA	1:20.74
5	JUDY HOOGLAND	CAN	38.16	*****				11	JANE JOLLY	IRE	1:21.39
6	L.BENNETT-WILLIAM	USA	39.53	WOMEN -- 35-39 -- 200 M. BRST				12	L.BENNETT-WILLIAM	USA	1:21.55
7	MARA BOSSOW	USA	40.33	*****				13	PATRICIA KIMBALL	USA	1:25.89
8	KIM CROUNSE	USA	40.64	1	KAREN MELICK	USA	2:55.07	14	ROSE SANTOWSKI	USA	1:29.38
9	WENDY ROTTMANN	CAN	41.49	2	AMANDA HEATH	GBR	2:58.59	15	ANITA ALLEN	USA	1:29.94
10	NORA MALDONADO	MEX	41.84	3	GILLIAN CACKETT	GBR	2:59.62	*****			
11	LISA ROSS	USA	42.87	4	ARRIETTA CLAUSS	USA	3:02.84	WOMEN -- 35-39 -- 200 M. FLY			
12	FERNA CHANGANAZUI	PER	43.03	5	DONNA NEARY	USA	3:05.12	*****			
13	SILVIA ALMADA	BRA	43.12	6	KAREN MCLARTY	USA	3:08.27	1	MARYANN STEVENS	USA	2:42.82

SWIMMING RESULTS - WOMEN

2	KRIS WINGENROTH	USA	2:51.66	2	CONNY BOER-BUYS	NED	29.91	17	BARBARA BRAND	USA	1:20.27
3	SALLY MILLS	GBR	2:52.94	3	F.WILLIAMSON	USA	30.47	18	SOLVEIG GRWBER	USA	1:21.67
4	LEE HUFFMAN	NZL	2:56.13	4	TRACY ARNDT	USA	30.68	19	JUDY GILLIES	USA	1:21.71
5	M.HILLENBRAND	GER	3:00.88	5	CYNTHIA JONES	USA	30.74	20	RAQUEL FERNANDEZ	ARG	1:23.56
6	ROSANNA SIKORA	USA	3:21.51	6	REGULA STEIGER	SUI	30.82	21	LINDA TERRY	USA	1:27.03
7	MARINA ROCHTCHINA	RUS	3:26.33	7	ANNE PAGE	USA	31.10	22	RONNIE PHILBIN	USA	1:27.34
8	PATRICIA BAYERS	USA	3:49.73	8	CELESTE MILLER	USA	31.40	23	SALLIE THOMPSON	USA	1:28.68
9	LAURA MELDRUM	USA	4:03.67	9	RUTH THOMSON	GBR	31.44	24	EVA PALMER	GBR	1:32.15
*****				10	UTA MOFFMANN	GER	31.59	25	PAM INGLIS	AUS	1:33.77
WOMEN -- 35-39 -- 200 M. I.M.				11	JUDITH CLARKE	AUS	31.61	26	LINA GRAVEL	CAN	1:37.00
*****				12	MAGDOLNA PATOH	HUN	31.63	27	DENISE BATES	NZL	1:37.70
1	KAREN MCLARTY	USA	24.14	13	PAULA PORTER	USA	31.67	28	MARGARET PRATT	CAN	1:38.95
2	KAREN FARNSWORTH	USA	2:38.97	14	LINDSAY POWELL	GBR	31.87	29	MISAKO SUGIYAMA	JPN	1:44.34
3	DONNA WEARY	USA	2:41.28	15	ADELINA SALAZAR	VEN	32.22	30	LINDA BRETT	CAN	1:46.72
4	MARY CURL	USA	2:41.47	16	SUSAN STATER	USA	32.34	31	ELMA MOSS	USA	1:47.87
5	D.OGIER-POLLARD	USA	2:44.46	17	AVILA JUDELSON	NZL	32.57	32	HSU KUEI-YUEH	TPE	1:48.97
6	DEBORAH CAIN	USA	2:44.87	18	SALLY HASBROOK	USA	32.65	33	HARUMI MOROISHI	JPN	1:49.58
7	MARYANN STEVENS	USA	2:45.20	19	RUTH STUBERT	GER	32.69	34	CHRISTINE PETERS	NZL	2:10.63
8	AMANDA HEATH	GBR	2:47.09	20	SHERRY KITTRELL	USA	33.02	*****			
9	ARRIETTA CLAUSS	USA	2:47.74	20	PATRICIA STEPHAN	GER	33.02	WOMEN -- 40-44 -- 200 M. FREE			
10	KAREN MELICK	USA	2:49.67	22	MOLLY DITTMANN	USA	33.51	*****			
11	ANN DE PRAETER	CAN	2:53.94	23	MEEGAN WILSON	USA	33.66	1	CELESTE MILLER	USA	2:25.63
12	KATHIE COVARD	USA	2:55.54	24	MARIE JANNEKEYN	FRA	33.77	2	R.VIVANCO D YORI	PER	2:26.21
13	M.FERREIRA	BRA	2:57.12	25	JULIE GOODRICH	USA	34.27	3	JONELLE SCHMIDT	USA	2:28.99
14	BARBARA RICHMIRE	CAN	2:59.44	26	C.WILDER-TAMME	USA	34.65	4	F.WILLIAMSON	USA	2:29.49
15	GAIL RIPPE	USA	3:02.25	27	BARBARA BRAND	USA	36.12	5	LINDSAY POWELL	GBR	2:31.41
16	ROSANNA SIKORA	USA	3:02.33	28	RAQUEL FERNANDEZ	ARG	36.48	6	CONNY BOER-BUYS	NED	2:32.28
17	WENDY ROTTMANN	CAN	3:03.72	29	SOLVEIG GRWBER	USA	37.02	7	CYNTHIA JONES	USA	2:33.04
18	ROSE SANTOWSKI	USA	3:05.40	30	BEVERLEY CORBETT	NZL	37.48	8	ERNA HATTINSH	RSA	2:33.20
19	SUSAN BLOOMFIELD	USA	3:05.91	31	ISOLDE KOENIG	GER	37.86	9	AVILA JUDELSON	NZL	2:36.74
20	C.FRYDRYCH	RSA	3:23.89	32	PAM INGLIS	AUS	38.91	10	ANNE PAGE	USA	2:36.88
21	JAN HINSON	USA	3:24.10	33	BEVERLY ARNOLD	USA	39.31	11	VHLENTTNA LOUKINA	RUS	2:37.89
22	NANCY FRENCH	USA	3:36.22	34	ETSUKO FURUSAWA	JPN	40.56	12	MIREILLE RICHTER	SUI	2:40.62
23	BEATRIZ SCHULZE	ARG	4:02.19	35	CHIZUKO OKAMURA	JPN	40.97	13	NANCY MILLER	USA	2:42.97
24	WENDY DUNLOP	CAN	4:35.42	36	MARGARET FAIRHALL	NZL	41.39	14	SUSAN BEHLER	USA	2:47.50
*****				37	EVA PALMER	GBR	41.81	15	SEIJA SKYTТА	FIN	3:06.53
WOMEN -- 35-39 -- 400 M. I.M.				38	DENISE BATES	NZL	42.61	16	RAQUEL FERNANDEZ	ARG	3:10.42
*****				39	MARGARET PRATT	CAN	42.86	17	MAGGIE FILLMORE	NZL	3:11.54
1	KAREN FARNSWORTH	USA	5:34.47	40	SUSAN KOCH	USA	43.90	18	LETICIA MONROY	MEX	3:15.02
2	MARY CURL	USA	5:42.72	41	P.STILLWELL	USA	44.70	19	EVA PALMER	GBR	3:20.73
3	DANIEL OGIER	USA	5:54.99	42	KINUE MAEKAWA	JPN	46.77	20	MARGARET FAIRHALL	NZL	3:26.89
4	CATHERIN KOHN	USA	5:56.70	43	MIYAKO NAKAMURA	JPN	47.51	21	LINA GRAVEL	CAN	3:29.78
5	AMANDA HEATH	GBR	5:59.31	44	HARUMI MOROISHI	JPN	51.16	22	HARUMI MOROISHI	JPN	4:00.17
6	DEBORAH CAIN	USA	6:02.76	45	KINUKO TAKAMURA	JPN	51.71	23	MASAKO SAITO	JPN	4:10.91
7	VICKY SANDBERG	USA	6:04.00	46	YOKO SHIMBO	JPN	52.89	*****			
8	LEE HUFFMAN	NZL	6:04.94	47	CHRISTINE PETERS	NZL	53.09	WOMEN -- 40-44 -- 400 M. FREE			
9	ANN DE PRAETER	CAN	6:08.20	*****							
10	GILLIAN CACKETT	GBR	6:09.19	WOMEN -- 40-44 -- 100 M. FREE							
11	L.BENNETT-WILLIAM	USA	6:14.38	*****							
12	EMILY HOLZFASTER	USA	6:16.85	1	R.VIVANCO D YORI	PER	1:05.64	1	CELESTE MILLER	USA	5:14.47
13	KRIS WINGENROTH	USA	6:18.79	2	CONNY BOER-BUYS	NED	1:07.56	2	R.VIVANCO D YORI	PER	5:18.62
14	JOANNE BOWSER	USA	6:28.01	3	LINDSAY POWELL	GBR	1:08.81	3	SHIRLEY LOFTUS	USA	5:20.40
15	MARGARET HAIR	USA	6:39.67	4	CELESTE MILLER	USA	1:09.05	4	SHERRY KITTRELL	USA	5:20.67
16	YOSHIKO SATO	JPN	6:41.03	5	JONELLE SCHMIDT	USA	1:09.08	5	ERNA HATTINSH	RSA	5:22.56
17	SUSAN BLOOMFIELD	USA	6:41.84	6	AVILA JUDELSON	NZL	1:10.34	6	LINDSAY POWELL	GBR	5:23.47
18	ROSE SANTOWSKI	USA	6:50.10	7	TRACY ARNDT	USA	1:10.70	7	MIREILLE RICHTER	SUI	5:28.50
19	MARINA ROCHTCHINA	RUS	6:55.21	8	ANNE PAGE	USA	1:10.77	8	VHLENTTNA LOUKINA	RUS	5:34.88
20	PATRICIA SCHENKEL	USA	7:17.80	9	UTA MOFFMANN	GER	1:11.19	9	AVILA JUDELSON	NZL	5:36.22
21	PATRICIA BAYERS	USA	7:38.85	10	RUTH THOMSON	GBR	1:11.42	10	KATHRINE CASEY	USA	5:37.45
22	LAURA MELDRUM	USA	7:48.88	11	SHERRY KITTRELL	USA	1:11.83	11	MOLLY MEYERS	USA	5:38.73
23	LOU CORONES	USA	8:14.01	12	SHIRLEY LOFTUS	USA	1:12.29	12	NANCY MILLER	USA	5:45.68
*****				13	VHLENTTNA LOUKINA	RUS	1:12.32	13	JOAN DIERCKS	USA	5:47.31
WOMEN -- 40-44 -- 50 M. FREE				14	KATHRINE CASEY	USA	1:12.53	14	SUSAN BEHLER	USA	5:47.69
*****				15	JUDITH CLARKE	AUS	1:12.77	15	CATHERINE QUILL	USA	5:55.99
1	R.VIVANCO D YORI	PER	29.79	16	BARBARA UIBLE	USA	1:18.10	16	C.WILDER-TAMME	USA	6:06.06
								17	LIZ MITCHELL	AUS	6:08.61
								18	BARBARA BRAND	USA	6:14.43

SWIMMING RESULTS - WOMEN

19 JUDY GILLIES USA 6:18.25
20 SOLVEIG GRWBER USA 6:33.37
21 LINDA TERRY USA 6:51.31
22 RAQUEL FERNANDEZ ARG 6:57.73
23 AVA PALMER GBR 7:08.72
24 LETICIA MONROY MEX 7:09.41
25 LINA GRAVEL CAN 7:28.95
26 SALLIE THOMPSON USA 7:51.62
27 LELIANE SANTOS BRA 7:56.05
28 HSU KUEI-YUEH TPE 8:08.15
29 LINDA BRETT CAN 8:17.62

WOMEN -- 40-44 -- 800 M. FREE

1 CELESTE MILLER USA 10:33.08
2 MIREILLE RICHTER SUI 11:12.47
3 LINDSAY POWELL GBR 11:13.81
4 ERNA HATTINSH RSA 11:14.95
5 F.WILLIAMSON USA 11:26.26
6 CYNTHIA JONES USA 11:27.33
7 MOLLY MEYERS USA 11:34.55
8 JOAN DIERCKS USA 11:54.33
9 SUSAN BEHLER USA 12:10.70
10 NANCY MILLER USA 12:19.05
11 BARBARA LARSEN USA 13:18.45
12 SANDRA CATHEY USA 13:18.87
13 MAGGIE FILLIMORE NZL 13:31.84
14 SEIJA SKYTТА FIN 13:48.95
15 EVA PALMER GBR 14:29.06
16 LETICIA MONROY MEX 14:35.94
17 KATE SUTHERLAND USA 15:00.21
18 LINA GRAVEL CAN 15:05.88
19 MARGARET FAIRHALL NZL 15:08.59
20 MIYAKO NAKAMURA JPN 17:01.23

WOMEN -- 40-44 -- 50 M. BACK

1 JUDY STEFANICK USA 34.49
2 ANNE CORK GBR 36.43
3 MAGDOLNA PATOH HUN 36.94
4 PETRA ANDRAS USA 38.57
5 ADELINA SALAZAR VEN 39.47
6 MARIE JANNEKEYN FRA 40.58
7 SALLY HASBROOK USA 40.93
8 SUSAN BEHLER USA 41.11
9 BARBARA UIBLE USA 41.78
10 SUZY JOHNSON USA 42.52
11 C.WILDER-TAMME USA 42.68
12 RONNIE PHILBIN USA 43.19
13 SEIJA SKYTТА FIN 45.73
14 BEVERLEY CORBETT NZL 46.70
15 MARGARET PRATT CAN 47.21
16 YOSHIMI MORITA JPN 47.46
17 PAM INGLIS AUS 50.58
18 KINUE MAEKAWA JPN 53.43
19 DENISE BATES NZL 54.34
20 CHRISTINE PETERS NZL 58.87
21 LINDA BRETT CAN 1:00.04
22 KUMIKO BAMBA JPN 1:03.24
23 KINUKO TAKAMURA JPN 1:09.98

WOMEN -- 40-44 -- 100 M. BACK

1 JUDY STEFANICK USA 1:16.47
2 ANNE CORK GBR 1:18.73

3 JONELLE SCHMIDT USA 1:22.13
4 PETRA ANDRAS USA 1:25.08
5 N.MIKHAILOVA RUS 1:26.01
6 MARIE JANNEKEYN FRA 1:28.40
7 VICTORIA HUSEMAN USA 1:31.52
8 BARBARA LARSEN USA 1:31.58
9 SUSAN BEHLER USA 1:32.70
10 CHRIS SCHZEICHER USA 1:35.26
11 RONNIE PHILBIN USA 1:39.42
12 BEVERLEY CORBETT NZL 1:42.85
13 MARGARET PRATT CAN 1:43.45
14 YOSHIMI MORITA JPN 1:44.67
15 LINA GRAVEL CAN 1:48.02
16 KATE SUTHERLAND USA 1:50.04
17 MASAKO SAITO JPN 2:07.08
18 CHRISTINE PETERS NZL 2:12.97

WOMEN -- 40-44 -- 200 M. BACK

1 JUDY STEFANICK USA 2:45.63
2 ANNE CORK GBR 2:46.83
3 JONELLE SCHMIDT USA 2:52.59
4 STEPHANIE WALSH USA 2:59.78
5 N.MIKHAILOVA RUS 3:00.05
6 S.LEE-SHERIDAN USA 3:04.68
7 PETRA ANDRAS USA 3:06.74
8 SUSAN BEHLER USA 3:08.01
9 TRACY ARNDT USA 3:08.54
10 MOLLY MEYERS USA 3:09.65
11 MIREILLE RICHTER SUI 3:14.55
12 M.JOSE JANNEKEYN FRA 3:14.71
13 BARBARA LARSEN USA 3:15.62
14 C.WILDER-TAMME USA 3:20.01
15 VICTORIA HUSEMAN USA 3:22.23
16 CHRIS SCHZEICHER USA 3:25.21
17 SUZY JOHNSON USA 3:25.89
18 EDITH JACOBSEN USA 3:36.17
19 BEVERLEY CORBETT NZL 3:38.96
20 MARGARET PRATT CAN 3:47.05
21 LINDA BRETT CAN 4:16.95
22 MASAKO SAITO JPN 4:23.34

WOMEN -- 40-44 -- 50 M. BRST

1 A.WRIGHT-BELKNAP USA 37.80
2 UTA HOFFMANN GER 38.57
3 RUTH THOMPSON GBR 39.13
4 REGULA STEIGER SUI 39.27
5 CHRISTIE SLIMAK USA 40.04
6 KATHRINE CASEY USA 41.24
7 MEEGAN WILSON USA 41.58
8 PATRICIA STEPHAN GER 41.95
9 NANCY MILLER USA 42.06
10 SALLY HASBROOK USA 42.33
11 CAROL COWEN USA 42.95
12 JULIE GOODRICH USA 43.07
13 ISOLDE KOENIG GER 44.38
14 LIVSA LAAKSO FIN 45.41
15 BEVERLY ARNOLD USA 45.49
16 JUDY GILLIES USA 46.09
17 CHRIS SCHZEICHER USA 46.76
18 SOLVEIG GRWBER USA 46.97
19 V.WOHLFAHRT GER 46.99
20 CHIZUKO OKAMURA JPN 47.18
21 EMMA BORZONE ARG 47.32

22 YOSHIMI MORITA JPN 49.58
23 DENISE BATES NZL 50.47
24 LINDA TERRY USA 50.87
25 MIYAKO NAKAMURA JPN 52.46
26 ETSUKO FURUSAWA JPN 56.25
27 KINUE MAEKAWA JPN 58.30
28 KINUKO TAKAMURA JPN 1:01.31
29 CHRISTINE PETERS NZL 1:02.02
30 HIROMO NISHINAKA JPN 1:04.19

WOMEN -- 40-44 -- 100 M. BRST

1 A.WRIGHT-BELKNAP USA 1:26.21
2 UTA HOFFMANN GER 1:26.66
3 REGULA STEIGER SWE 1:28.33
4 PAULA PORTER USA 1:29.50
5 MEEGAN WILSON USA 1:30.52
6 CHRISTIE SLIMAK USA 1:31.01
7 KATHRINE CASEY USA 1:32.82
8 CHERYL BLAY CAN 1:33.56
9 CAROL COWEN USA 1:33.93
10 NANCY MILLER USA 1:34.56
11 LIVSA LAAKSO FIN 1:41.66
12 JUDY GILLIES USA 1:42.40
13 SANDRA CATHEY USA 1:44.13
14 V.WOHLFAHRT GER 1:44.27
15 CHIZUKO OKAMURA JPN 1:44.61
16 MOLLY DITTMANN USA 1:44.77
17 SOLVEIG GRWBER USA 1:45.86
18 BEVERLY ARNOLD USA 1:45.97
19 ETTA PORTER USA 1:47.02
20 KATE SUTHERLAND USA 1:48.86
21 LINDA TERRY USA 1:52.95
22 DENISE BATES NZL 1:55.15
23 LINA GRAVEL CAN 1:58.16
24 MASAKO SAITO JPN 1:58.92
25 HSU KUEI-YUEH TPE 1:59.89
26 SUSAN KOCH USA 2:13.30
27 CHRISTINE PETERS NZL 2:16.17

WOMEN -- 40-44 -- 200 M. BRST

1 UTA HOFFMANN GER 3:07.80
2 S.MORCHE-BLOCH GER 3:11.39
3 ANNE CORK GBR 3:17.77
4 MEEGAN WILSON USA 3:19.56
5 CAROL COWEN USA 3:20.90
6 NANCY MILLER USA 3:27.59
7 CHERYL BLAY CAN 3:27.77
8 KATHRINE CASEY USA 3:27.92
9 MOLLY MEYERS USA 3:38.45
10 SANDRA CATHEY USA 3:41.20
11 JUDY GILLIES USA 3:47.52
12 ETTA PORTER USA 3:50.70
13 V.WOHLFAHRT GER 3:53.37
14 KATE SUTHERLAND USA 3:54.06
15 BEVERLY ARNOLD USA 4:13.18
16 MASAKO SAITO JPN 4:13.98
17 DENISE BATES NZL 4:20.29
18 CAROL HALL USA 5:29.05

WOMEN -- 40-44 -- 50 M. FLY

1 CONNY BOER-BUYS NED 32.58
2 JUDITH CLARKE AUS 33.03

SWIMMING RESULTS - WOMEN

3	CYNTHIA JONES	USA	34.21	12	SANDRA CATHEY	USA	3:19.79	8	BIEDERMAN-BUKOWK	CAN	1:15.40
3	UTA HOFFMANN	GER	34.21	13	LIZ MITCHELL	AUS	3:20.50	9	GIZELLA CSEKO	HUN	1:16.63
5	STEPHANIE WALSH	USA	34.40	14	LIVSA LAAKSO	FIN	3:26.45	10	IRENE DAVID	USA	1:19.29
6	ANNE PAGE	USA	34.90	15	BEVERLY ARNOLD	USA	3:52.88	11	DIANE FORD	GBR	1:19.90
7	PAULA PORTER	USA	34.98	16	MARGARET PRATT	CAN	3:58.69	12	LIZ BURCH	AUS	1:25.69
8	ADELINA SALAZAR	VEN	35.10	17	SHIRLEY STRANG	CAN	4:16.39	13	MARIA LAMPERTI	ITA	1:27.98
9	S.MORCHE-BLOCH	GER	35.24	18	MASAKO SAITO	JPN	4:19.43	14	ANNIE SMITS	NED	1:34.09
10	RUTH THOMSON	GBR	35.94	19	CAROL HALL	USA	5:40.52	15	HAZEL WILTON	AUS	1:35.46
11	CHERYL BLAY	CAN	36.29	*****			16	CAROLE BORLAND	USA	1:37.36	
12	AVILA JUDELSON	NZL	36.52	WOMEN -- 40-44 -- 400 M. I.M.			17	MAUREEN KOSS	USA	1:37.75	
13	VHLENTNA LOUKINA	RUS	37.08	*****			18	MARY JO LOWE	USA	1:40.46	
14	RUTH STUBERT	GER	38.61	1	ANNE CORK	GBR	6:06.24	19	J.VALLANDIGHAM	USA	1:42.92
15	LIZ MITCHELL	AUS	38.99	2	STEPHANIE WALSH	USA	6:06.94	20	EMA BARFOOT	ARG	1:43.49
16	MOLLY DITTMANN	USA	39.42	3	JUDY STEFANICK	USA	6:08.83	21	BARBARA PEDDIE	NZL	1:45.55
17	ISOLDE KOENIG	GER	40.08	4	S.MORCHE-BLOCH	GER	6:17.31	22	JUTTA FIEDLER	GER	1:46.80
18	MEEGAN WILSON	USA	40.17	5	S.LEE-SHERIDAN	USA	6:27.00	23	ELLIE TREVISON	USA	1:50.60
19	RONNIE PHILBIN	USA	42.98	6	MOLLY MEYERS	USA	6:33.21	*****			
20	BEVERLEY CORBETT	NZL	46.89	7	KATHRINE CASEY	USA	6:33.90	WOMEN -- 45-49 -- 200 M. FREE			
21	ETTA PORTER	USA	52.07	8	BARBARA LARSEN	USA	6:58.16	*****			
*****				9	RUTH STUBERT	GER	7:00.24	1	CAROLYN BOAK	USA	2:30.40
WOMEN -- 40-44 -- 100 M. FLY				10	SANDRA CATHEY	USA	7:01.88	2	SANDRA O'NEIL	GBR	2:32.10
*****				11	EDITH JACOBSEN	USA	7:04.88	3	SHARON WISE	USA	2:33.26
1	STEPHANIE WALSH	USA	1:16.08	12	LIZ MITCHELL	AUS	7:09.14	4	SALLY DILLON	USA	2:33.50
2	JUDY STEFANICK	USA	1:16.43	13	SUZY JOHNSON	USA	7:27.95	5	LUCY JOHNSON	USA	2:35.16
3	JUDITH CLARKE	AUS	1:16.63	14	LIVSA LAAKSO	FIN	7:29.47	6	BRIGITTE MERTEN	GER	2:36.40
4	S.MORCHE-BLOCH	GER	1:19.45	15	LINDA TERRY	USA	7:45.92	7	JACKIE MARR	USA	2:40.30
5	ADELINA SALAZAR	VEN	1:21.18	16	KATE SUTHERLAND	USA	7:54.36	8	MARCY BULLOCK	USA	2:40.86
6	F.WILLAMSON	USA	1:22.30	17	ETTA PORTER	USA	8:35.30	9	BIEDERMAN-BUKOWK	CAN	2:45.49
7	AVILA JUDELSON	NZL	1:27.54	18	V.WOHLFAHRT	GER	8:37.80	10	JUDY REED	USA	2:45.75
8	BARBARA LARSEN	USA	1:31.55	19	SHIRLEY STRANG	CAN	8:53.13	11	BETTY BENNETT	USA	2:50.85
9	ISOLDE KOENIG	GER	1:31.92	*****			12	PAT MALEY	USA	2:52.57	
10	MARIE JANNEKEYN	FRA	1:35.82	WOMEN -- 45-49 -- 50 M. FREE			13	VICKI BUCCINO	USA	3:04.03	
11	LIZ MITCHELL	AUS	1:37.13	*****			14	SARA SACHS	USA	3:14.05	
12	LELIANE SANTOS	BRA	1:55.34	1	SHARON WISE	USA	30.48	15	MARIA LAMPERTI	ITA	3:14.62
13	SHIRLEY STRANG	CAN	2:12.15	2	JUDY REED	USA	31.36	16	CRISTINA ALVARES	BRA	3:14.84
*****				3	IRENE DAVID	USA	31.59	17	LYNNETTE HYNDS	NZL	3:16.89
WOMEN -- 40-44 -- 200 M. FLY				4	MARCY BULLOCK	USA	32.27	18	ANNIE SMITS	NED	3:26.75
*****				5	SALLY DILLON	USA	32.49	19	MARLENE PUGH	AUS	3:29.22
1	STEPHANIE WALSH	USA	2:50.03	6	JACKIE MARR	USA	32.90	20	MARY JO LOWE	USA	3:39.17
2	S.MORCHE-BLOCH	GER	2:57.40	7	GIZELLA CSEKO	HUN	33.84	21	HELEN RAYNER	NZL	3:59.35
3	JUDITH CLARKE	AUS	3:05.46	8	VLASTA OEHL	GER	33.85	22	REINE GOILLOT	VEN	4:02.31
4	S.LEE-SHERIDAN	USA	3:12.28	9	BIEDERMAN-BUKOWK	CAN	34.30	23	ELLIE TREVISON	USA	4:02.69
5	CATHERINE QUILL	USA	3:13.61	10	MARYANN TURBITT	NZL	36.64	*****			
6	BARBARA LARSEN	USA	3:25.18	11	LIZ BURCH	AUS	37.43	WOMEN -- 45-49 -- 400 M. FREE			
7	SHERRY KITTRELL	USA	3:29.13	12	FREDERICKA RAPP	USA	38.44	*****			
8	EDITH JACOBSEN	USA	3:30.08	13	SHIRLEY KING	USA	38.77	1	SANDRA O'NEIL	GBR	5:23.98
9	LIZ MITCHELL	AUS	3:38.43	14	MARIA LAMPERTI	ITA	38.93	2	SALLY DILLON	USA	5:29.53
10	MARIE JANNEKEYN	FRA	3:45.85	15	GAYANNE DEVRY	USA	40.19	3	JANE KATZ	USA	5:29.96
11	V.WOHLFAHRT	GER	4:06.49	16	J.VALLANDIGHAM	USA	40.40	4	SHARON WISE	USA	5:30.21
12	LELIANE SANTOS	BRA	4:25.97	17	CAROLE BORLAND	USA	41.02	5	LUCY JOHNSON	USA	5:36.33
13	SHIRLEY STRANG	CAN	4:44.02	18	CHARLOTTE CANIDA	USA	41.41	6	MARCY BULLOCK	USA	5:40.14
*****				19	ANNIE SMITS	NED	42.32	7	BIEDERMAN-BUKOWK	CAN	5:54.30
WOMEN -- 40-44 -- 200 M. I.M.				20	EMA BARFOOT	ARG	44.25	8	L.RAMOS MORAES	BRA	6:07.60
*****				21	MARNIE STEWART	USA	52.64	9	PAT MALEY	USA	6:09.05
1	CELESTE MILLER	USA	2:50.51	22	NOBUKO NEO	JPN	1:27.10	10	VICKI BUCCINO	USA	6:21.16
2	JONELLE SCHMIDT	USA	2:50.99	*****			11	SARA SACHS	USA	6:35.59	
3	ANNE CORK	GBR	2:51.42	WOMEN -- 45-49 -- 100 M. FREE			12	LIZ BURCH	AUS	6:45.75	
4	STEPHANIE WALSH	USA	2:51.46	*****			13	LYNNETTE HYNDS	NZL	6:57.00	
5	JUDY STEFANICK	USA	2:53.45	1	SHARON WISE	USA	1:07.98	14	CRISTINA ALVARES	BRA	7:03.56
6	S.MORCHE-BLOCH	GER	3:03.57	2	CAROLYN BOAK	USA	1:08.55	15	MAUREEN KOSS	USA	7:07.52
7	CHERYL BLAY	CAN	3:04.67	3	SANDRA O'NEIL	GBR	1:08.60	16	MARIA LAMPERTI	ITA	7:08.31
8	MOLLY MEYERS	USA	3:07.73	4	SALLY DILLON	USA	1:10.19	17	ANNIE SMITS	NED	7:15.88
9	RUTH STUBERT	GER	3:13.19	5	LUCY JOHNSON	USA	1:10.71	18	BUNNY ADLER	USA	7:17.60
10	MEEGAN WILSON	USA	3:13.31	6	JUDY REED	USA	1:11.35	19	MARLENE PUGH	AUS	7:26.60
11	CAROL COWEN	USA	3:17.37	7	MARCY BULLOCK	USA	1:11.49	20	J.VALLANDIGHAM	USA	7:38.30

SWIMMING RESULTS - WOMEN

21	HAZEL WILTON	AUS	7:48.61	6	LUCY JOHNSON	USA	1:23.41	14	JAN PANCAKE	USA	44.23
22	MARY JO LOWE	USA	7:50.32	7	SHERRY PUTHOFF	USA	1:24.21	14	LUBOV JAKOVLEVA	RUS	44.23
23	BARBARA PEDDIE	NZL	8:14.28	8	MARY POHLMANN	USA	1:25.27	16	SHIRLEY KING	USA	44.59
24	HELEN RAYNER	NZL	8:23.46	9	JEANNIE MITCHELL	USA	1:25.36	17	M.ABIHSSIRA	FRA	45.91
25	EMA BARFOOT	ARG	8:33.84	10	BETTY BENNETT	USA	1:25.85	18	DONNA KOCH	USA	46.56
26	KAYOKO TAKENAGA	JPN	9:00.18	11	B.BARRAU-AUDRY	FRA	1:27.80	19	LUCE VAN DAM	NED	46.62
27	ELLIE TREVISION	USA	9:02.12	12	MARIA COSTA	BRA	1:29.56	20	JEANNIE MITCHELL	USA	46.93

WOMEN -- 45-49 -- 800 M. FREE											

1	JANE KATZ	USA	11:19.29	16	PATRICIA RIEG	USA	1:38.01	24	J.VALLANDIGHAM	USA	49.34
2	SALLY DILLON	USA	11:21.01	17	SHIRLEY KING	USA	1:39.27	25	JUTTA FIEDLER	GER	49.65
3	MARCY BULLOCK	USA	11:49.72	18	CATHY BIRSFIELD	USA	1:41.21	26	CATHY HOLDT	USA	54.10
4	BIEDERMAN-BUKOWK	CAN	12:10.89	19	LIZ BURCH	AUS	1:41.81	27	SETSUKE TOMISAWA	JPN	1:04.23
5	PAT MALEY	USA	12:28.96	20	HIROKO MIHORI	JPN	1:43.37	28	TOSHIKO KOIKE	JPN	1:08.22
6	L.RAMOS MORAES	BRA	12:31.68	21	CHRIS GILLIGAN	USA	1:43.53	*****			
7	H.MCLAREN	RSA	12:52.18	22	FREDERICKA RAPP	USA	1:44.45	WOMEN -- 45-49 -- 100 M. BRST			
8	VICKI BUCCINO	USA	12:55.78	23	NICOLE LASNE	FRA	1:44.67	*****			
9	LINDA TEPE	USA	13:06.42	24	MARTINE GRIMALDI	FRA	1:45.83	1	CAROLYN BOAK	USA	1:26.67
10	SARA SACHS	USA	13:25.69	25	CHARLOTTE CANIDA	USA	1:53.81	2	H.MCLAREN	RSA	1:26.90
11	LYNNETTE HYND	NZL	13:53.02	26	CAROLE BORLAND	USA	1:55.39	3	DIANE FORD	GBR	1:27.96
12	CRISTINA ALVARES	BRA	14:12.75	27	BARBARA PEDDIE	NZL	1:57.81	4	ELAINE BROMWICH	GBR	1:28.05
13	MARIA LAMPERTI	ITA	14:57.97	28	CATHY HOLDT	USA	2:02.62	5	P.HARRINGTON	GBR	1:28.44
14	ANNIE SMITS	NED	15:17.90	29	REINE GOILLIOT	VEN	2:03.22	6	VLASTA OEHL	GER	1:31.42
15	MARY JO LOWE	USA	15:44.79	*****							
16	MARLENE PUGH	AUS	15:53.49	WOMEN -- 45-49 -- 200 M. BACK							
17	MARTINE GRIMALDI	FRA	16:14.21	*****							
18	HELEN RAYNER	NZL	17:14.24	1	SANDRA O'NEIL	GBR	2:50.27	8	SALLY DILLON	USA	1:33.23
19	ELLIE TREVISION	USA	18:29.05	2	GAYNOR CORLIS	AUS	2:57.22	9	JAN PANCAKE	USA	1:35.60

WOMEN -- 45-49 -- 50 M. BACK											

1	MARTA EGERVARY	HUN	37.53	3	BRIGITTE MERTEN	GER	2:59.08	10	LYNN CARTEE	USA	1:35.74
1	JILL WHYMAN	GBR	37.53	4	JILL WHYMAN	GBR	3:00.99	11	RENATE LUITJENS	GER	1:36.45
3	BERNICE WILKINS	GBR	38.51	5	MARY POHLMANN	USA	3:02.27	12	PATRICIA JACKSON	GBR	1:37.52
4	JEANNIE MITCHELL	USA	39.24	6	JANE KATZ	USA	3:02.63	13	SHIRLEY KING	USA	1:37.81
5	BETTY BENNETT	USA	39.28	7	SHERRY PUTHOFF	USA	3:05.10	14	MARIANNE MUELLER	GER	1:37.87
6	MARY POHLMANN	USA	39.42	8	BETTY BENNETT	USA	3:06.29	15	BERTIE HACKETT	USA	1:38.74
7	JUDY REED	USA	40.41	9	JEANNIE MITCHELL	USA	3:08.96	16	HILDA SILCOCK	GBR	1:39.12
7	B.BARRAU-AUDRY	FRA	40.41	10	JACKIE MARR	USA	3:10.51	17	M.ABIHSSIRA	FRA	1:40.41
9	MARIA COSTA	BRA	40.65	11	B.BARRAU-AUDRY	FRA	3:13.05	18	LUBOV JAKOVLEVA	RUS	1:41.27
10	LINDA TEPE	USA	41.81	12	CAROLYN KENT	USA	3:14.28	19	SHIGEO SATO	JPN	1:41.37
11	MARYANN TURBITT	NZL	42.02	13	MARIA COSTA	BRA	3:15.02	20	DONNA KOCH	USA	1:42.38
12	PATRICIA RIEG	USA	43.42	14	PATRICIA JACKSON	GBR	3:15.75	21	LUCE VAN DAM	NED	1:46.14
13	SHIGEO SATO	JPN	44.24	15	MARYANN TURBITT	NZL	3:22.28	22	PATRICIA RIEG	USA	1:47.82
14	HILDA SILCOCK	GBR	44.80	16	PATRICIA RIEG	USA	3:35.23	23	MARYANN TURBITT	NZL	1:50.60
15	CATHY BIRSFIELD	USA	46.01	17	CATHY BIRSFIELD	USA	3:37.46	24	J.VALLANDIGHAM	USA	1:52.00
16	CHRIS GILLIGAN	USA	46.94	18	MARTINE GRIMALDI	FRA	3:45.29	25	CHRIS GILLIGAN	USA	1:53.99
17	I.HALLASMAA-HALME	FIN	47.29	19	SARA SACHS	USA	3:56.93	26	JUTTA FIEDLER	GER	1:54.23
18	NICOLE LASNE	FRA	47.41	20	MARLENE PUGH	AUS	4:06.81	27	CHARLOTTE CANIDA	USA	1:56.69
19	HIROKO TSUDA	JPN	49.24	21	BARBARA PEDDIE	NZL	4:09.05	28	CAROLE BORLAND	USA	2:05.35
20	CAROLE BORLAND	USA	49.38	22	REINE GOILLIOT	VEN	4:22.15	29	CATHY HOLDT	USA	2:14.48
21	JUTTA FIEDLER	GER	51.14	*****							
22	BARBARA PEDDIE	NZL	55.19	WOMEN -- 45-49 -- 50 M. BRST							
23	REINE GOILLIOT	VEN	56.56	*****							
24	JUDITH IANNUZZI	USA	1:04.68	1	H.MCLAREN	RSA	38.73	1	CAROLYN BOAK	USA	3:09.19
25	NOBUKO NEO	JPN	1:33.93	2	ELAINE BROMWICH	GBR	39.70	2	P.HARRINGTON	GBR	3:10.43

WOMEN -- 45-49 -- 100 M. BACK											

1	SANDRA O'NEIL	GBR	1:19.54	3	BERNICE WILKINS	GBR	39.93	3	DIANE FORD	GBR	3:10.97
2	BRIGITTE MERTEN	GER	1:20.64	4	DIANE FORD	GBR	40.08	4	ELAINE BROMWICH	GBR	3:12.22
3	GAYNOR CORLIS	AUS	1:21.30	5	P.HARRINGTON	GBR	40.44	5	ANNEGRET VOELCKER	GER	3:13.75
4	JILL WHYMAN	GBR	1:22.28	6	VLASTA OEHL	GER	40.73	6	H.MCLAREN	RSA	3:14.23
5	MARTA EGERVARY	HUN	1:22.76	7	ANNEGRET VOELCKER	GER	42.06	7	BERNICE WILKINS	GBR	3:17.96
				8	RENATE LUITJENS	GER	42.53	8	VLASTA OEHL	GER	3:20.21
				9	LYNN CARTEE	USA	42.89	9	JAN PANCAKE	USA	3:25.24
				10	BERTIE HACKETT	USA	43.10	10	PATRICIA JACKSON	GBR	3:30.13
				11	MARIANNE MUELLER	GER	43.13	11	LYNN CARTEE	USA	3:30.56
				12	SHIGEO SATO	JPN	43.43	12	RENATE LUITJENS	GER	3:33.27
				13	HILDA SILCOCK	GBR	43.81	13	SHIRLEY KING	USA	3:33.38
								14	MARIANNE MUELLER	GER	3:35.40

SWIMMING RESULTS - WOMEN

15 DONNA KOCH USA 3:37.69
16 M.ABIHSSIRA FRA 3:41.26
17 BERTE HACKETT USA 3:43.27

WOMEN -- 45-49 -- 50 M. FLY

1 SHARON WISE USA 33.53
2 LUCY JOHNSON USA 33.64
3 SHERRY PUTHOFF USA 34.54
4 JUDY REED USA 34.67
5 IRENE DAVID USA 34.92
6 JILL WHYMAN GBR 36.17
7 CAROLYN KENT USA 36.55
8 MARCY BULLOCK USA 37.62
9 L.RAMOS MORAES BRA 38.28
10 GIZELLA CSEKO HUN 38.71
11 KUMIKO GOTO JPN 39.47
12 MARIANNE MUELLER GER 40.29
13 BIEDERMAN-BUKOWK CAN 41.36
14 JEANNIE MITCHELL USA 41.56
15 HILDA SILCOCK GBR 42.42
16 LYNNETTE HYNDS NZL 43.66
17 LINDA SMITH USA 43.67
18 I.HALLASMAA-HALME FIN 44.06
19 NICOLE LASNE FRA 46.20
20 LUCE VAN DAM NED 46.74
21 CHARLOTTE CANIDA USA 47.58
22 FREDERICKA RAPP USA 50.09
23 MARLENE PUGH AUS 51.80
24 HAZEL WILTON AUS 55.80
25 REINE GOILLOT VEN 1:03.89

WOMEN -- 45-49 -- 100 M. FLY

1 SHERRY PUTHOFF USA 1:17.31
2 LUCY JOHNSON USA 1:18.27
3 GAYNOR CORLIS AUS 1:20.87
4 BERNICE WILKINS GBR 1:21.33
5 IRENE DAVID USA 1:23.30
6 CAROLYN KENT USA 1:23.80
7 DIANE FORD GBR 1:29.16
8 L.RAMOS MORAES BRA 1:29.51
9 PATRICIA JACKSON GBR 1:32.09
10 LINDA TEPE USA 1:35.43
11 LYNNETTE HYNDS NZL 1:40.67
12 MARIANNE MUELLER GER 1:41.00
13 HILDA SILCOCK GBR 1:43.99
14 LIZ BURCH AUS 1:44.75
15 VICKI BUCCINO USA 1:50.41
16 LUCE VAN DAM NED 1:54.30
17 HAZEL WILTON AUS 2:04.69
18 KAYOKO TAKENAGA JPN 2:24.91

WOMEN -- 45-49 -- 200 M. FLY

1 BERNICE WILKINS GBR 3:03.63
2 BRIGITTE MERTEN GER 3:05.29
3 GAYNOR CORLIS AUS 3:08.83
4 JACKIE MARR USA 3:11.56
5 CAROLYN KENT USA 3:12.46
6 JANE KATZ USA 3:15.74
7 IRENE DAVID USA 3:16.79
8 ELAINE BROMWICH GBR 3:25.08
9 ANNREGRET VOELCKER GER 3:25.94
10 MARIA COSTA BRA 3:28.55

11 PATRICIA JACKSON GBR 3:34.10
12 LYNNETTE HYNDS NZL 3:49.04
13 PAT MALEY USA 4:01.64
14 VICKI BUCCINO USA 4:03.82
15 LUCE VAN DAM NED 4:17.36
16 KAYOKO TAKENAGA JPN 4:58.14

WOMEN -- 45-49 -- 200 M. I.M.

1 CAROLYN BOAK USA 2:49.83
2 SANDRA O'NEIL GBR 2:52.09
3 BRIGITTE MERTEN GER 2:52.17
4 SHERRY PUTHOFF USA 2:57.33
5 GAYNOR CORLIS AUS 3:01.02
6 JACKIE MARR USA 3:03.56
7 LYNN CARTEE USA 3:08.14
8 ELAINE BROMWICH GBR 3:09.30
9 BETTY BENNETT USA 3:11.23
10 H.MCLAREN RSA 3:11.26
11 MARIA COSTA BRA 3:12.75
12 VLASTA OEHL GER 3:24.67
13 LIZ BURCH AUS 3:30.28
14 MARYANN TURBITT NZL 3:33.75
15 KUMIKO GOTO JPN 3:34.13
16 PAT MALEY USA 3:34.58
17 HIROKO MIHORI JPN 3:35.25
18 I.HALLASMAA-HALME FIN 3:42.49
19 LUCE VAN DAM NED 3:48.67
20 NICOLE LASNE FRA 3:49.11
21 CRISTINA ALVARES BRA 3:57.23
22 HAZEL WILTON AUS 4:15.46
23 BARBARA PEDDIE NZL 4:16.57
24 MARLENE PUGH AUS 4:18.63

WOMEN -- 45-49 -- 400 M. I.M.

1 BRIGITTE MERTEN GER 6:06.83
2 CAROLYN BOAK USA 6:13.98
3 GAYNOR CORLIS AUS 6:27.22
4 BERNICE WILKINS GBR 6:29.06
5 CAROLYN KENT USA 6:32.03
6 JACKIE MARR USA 6:34.49
7 ELAINE BROMWICH GBR 6:38.93
8 BETTY BENNETT USA 6:48.07
9 PATRICIA JACKSON GBR 6:49.85
10 MARIA COSTA BRA 6:53.84
11 MARY POHLMANN USA 6:59.16
12 LINDA TEPE USA 7:18.49
13 PAT MALEY USA 7:31.14
14 VICKI BUCCINO USA 7:57.49
15 HAZEL WILTON AUS 9:00.69
16 KAYOKO TAKENAGA JPN 9:32.16

WOMEN -- 50-54 -- 50 M. FREE

1 ARDETH MUELLER USA 30.04
2 NANCY RIDOUT USA 30.51
3 WENDY ROSSER RSA 32.92
4 CLAIRE O'DWYER IRE 32.97
5 MARGA SCHULZE GER 34.32
6 DAWN FRASER AUS 35.10
7 FUMIKO NAKAMURA JPN 35.84
8 EDNA DE SARACHO MEX 36.12
9 HEIDI KAMPSCHULTE GER 36.33
10 S.NABUCO DE ABREU BRA 36.64

11 CAROL HANEY USA 36.84
12 CEIL BLACKWELL USA 36.90
13 ANNETTE FOWLER NZL 37.54
14 M.ALEXANDER GBR 38.77
15 FUMIKA HARANO JPN 40.19
16 JEANETTE SQUIRES GBR 40.61
17 MARION GROSSMANN GER 43.93
18 KAZUKO TANIGAWA JPN 44.00
19 SETSUKO KURODA JPN 44.48
20 RENATE SCHROTTER GER 45.95
21 BARBARA PINNEY USA 47.82
22 SETSUKO KOBAYASHI JPN 48.33
23 ELIZABETH ROSIE NZL 48.75
24 URSULA HARRIS USA 50.35
25 YOKO OSHIMA JPN 51.75
26 GAY GRILLMEIER AUS 53.32
27 ANG MARIA CAMANI ARG 55.11

WOMEN -- 50-54 -- 100 M. FREE

1 ARDETH MUELLER USA 1:07.42
2 NANCY RIDOUT USA 1:10.20
3 CLAIRE O'DWYER IRL 1:15.61
4 PENNY WEBSTER GBR 1:16.05
5 WENDY ROSSER RSA 1:16.23
6 JAYNE LAMBKE USA 1:17.18
7 MARGA SCHULZE GER 1:19.13
8 HELI PAALOSAZO FIN 1:19.36
9 S.NABUCO DE ABREU BRA 1:19.93
10 DAWN FRASER AUS 1:20.09
11 JAN JONES CAN 1:21.28
12 EDNA DE SARACHO MEX 1:22.61
13 FUMIKO NAKAMURA JPN 1:25.24
14 CEIL BLACKWELL USA 1:27.48
15 PRUDENCE HALL USA 1:28.81
16 TOMOKO ITOI JPN 1:29.54
17 KATHY RATTRAY CAN 1:30.14
18 M.ALEXANDER GBR 1:30.78
19 HIROKO HAYASHI JPN 1:32.52
20 FUMIKA HARANO JPN 1:33.30
21 JEANETTE SQUIRES GBR 1:34.13
22 BARBARA WACHTER GER 1:34.43
23 SANDY STEER USA 1:36.52
24 KAZUKO TANIGAWA JPN 1:45.58
25 JEAN PRITCHETT USA 1:50.00
26 ELIZABETH ROSIE NZL 1:52.28
27 EIKO MIYANAGA JPN 2:00.42
28 KAZUKO KUNO JPN 2:05.91
29 ANG MARIA CAMANI ARG 2:06.47
30 ELSIE SENSENICH USA 2:09.62
31 MARLENE VAUGHN USA 2:47.07

WOMEN -- 50-54 -- 200 M. FREE

1 NANCY RIDOUT USA 2:37.92
2 PENNY WEBSTER GBR 2:42.67
3 MARGA SCHULZE GER 2:50.21
4 WENDY ROSSER RSA 2:52.00
5 DAWN FRASER AUS 2:55.00
6 EDNA DE SARACHO MEX 3:01.81
7 MONIKA SENFTLEBEN GER 3:03.73
8 BRENDA WALKER GBR 3:06.86
9 BARBARA WACHTER GER 3:21.33
10 M.ALEXANDER GBR 3:23.47
11 HIROKO HAYASHI JPN 3:24.70

SWIMMING RESULTS - WOMEN

12 MARTHA BARRIOS ARG 3:25.22
13 JEANETTE SQUIRES GBR 3:35.53
14 LUISE EASTON USA 3:36.14
15 SANDY STEER USA 3:40.64
16 FUMIKA HARANO JPN 3:40.75
17 JACQUIE ARCHIBALD AUS 3:54.00
18 ELIZABETH ROSIE NZL 4:10.53
19 EDNA SPRING USA 4:16.52
20 ELSIE SENSENICH USA 4:41.60

WOMEN -- 50-54 -- 400 M. FREE

1 ARDETH MUELLER USA 5:20.09
2 NANCY RIDOUT USA 5:40.10
3 JUDITH VAN BERKEL NED 5:48.82
4 BARBARA FRID USA 5:51.36
5 PENNY WEBSTER GBR 5:52.35
6 JAYNE LAMBKE USA 5:52.49
7 MARGA SCHULZE GER 6:08.54
8 CLAIRE O'DWYER IRE 6:10.17
9 DAWN FRASER AUS 6:18.30
10 GILL TREGENNA RSA 6:30.93
11 BRENDA WALKER GBR 6:35.94
12 SANDY ETNYRE USA 6:49.69
13 SUSAN SPRINGER USA 6:53.84
14 PRUDENCE HALL USA 6:56.26
15 TOMOKO ITOI JPN 7:05.05
16 MARTHA BARRIOS ARG 7:06.72
17 HIROKO HAYASHI JPN 7:18.62
18 M.ALEXANDER GBR 7:24.09
19 LUISE EASTON USA 7:27.09
20 BIDDY HALL AUS 7:30.53
21 CHIYOKO KIRIHARA JPN 7:30.55
22 SANDY STEER USA 7:38.11
23 JOAN PUSKAS CAN 7:39.49
24 JEANETTE SQUIRES GBR 7:45.90
25 FUMIKA HARANO JPN 7:50.01
26 KATHY RATTRAY CAN 7:54.21
27 BARBARA WACHTER GER 7:55.01
28 KAZUKO TANIGAWA JPN 8:12.74
29 NANCY BRUEGGEMAN USA 8:16.28
30 SETSUKO KOBAYASHI JPN 8:22.45
31 JACQUIE ARCHIBALD AUS 8:31.13
32 ANG MARIA CAMANI ARG 8:58.42

WOMEN -- 50-54 -- 800 M. FREE

1 BARBARA FRID USA 11:55.90
2 PENNY WEBSTER GBR 11:57.37
3 JUDITH VAN BERKEL NED 12:03.77
4 MARGA SCHULZE GER 12:43.51
5 GILL TREGENNA RSA 13:17.80
6 BRENDA WALKER GBR 13:32.68
7 SANDY ETNYRE USA 13:45.07
8 SUSAN SPRINGER USA 14:08.33
9 MARTHA BARRIOS ARG 14:51.72
10 BARBARA WACHTER GER 15:14.74
11 LUISE EASTON USA 15:19.13
12 FUMIKA HARANO JPN 15:33.45
13 NANCY BRUEGGEMAN USA 16:09.23
14 JACQUIE ARCHIBALD AUS 16:47.89
15 YOKO OSHIMA JPN 17:40.37
16 EDNA SPRING USA 18:34.80

WOMEN -- 50-54 -- 50 M. BACK

1 WENDY ROSSER RSA 37.61
2 S.NABUCO DE ABREU BRA 38.57
3 BARBARA FRID USA 40.24
4 URSULA KASTNER GER 40.96
5 JACQUELINE ODLUM CAN 43.10
6 JAYNE LAMBKE USA 43.28
7 DAWN FRASER AUS 43.43
8 ANNETTE FOWLER NZL 43.83
9 CEIL BLACKWELL USA 44.09
10 A.DORRESTEYNVOOBY HON 44.14
11 BETSY DURRANT USA 44.48
12 GISELA PETRI GER 45.77
13 MARTHA BARRIOS ARG 47.33
14 MACHIKO MORIOKA JPN 49.27
15 LOUISE PALLET RSA 50.17
16 NANCY BRUEGGEMAN USA 50.80
17 SETSUKO KURODA JPN 51.01
18 JEANETTE SQUIRES GBR 51.98
19 ELIZABETH ROSIE NZL 52.01
20 CHOU YUEH-YIN TPE 52.14
21 GAY GRILLMEIER AUS 52.55
22 MARION GROSSMANN GER 53.46
23 JEAN PRITCHETT USA 53.54
24 BARBARA PINNEY USA 55.19
25 RENATE ENNSER BRA 59.07
26 YOKO OSHIMA JPN 1:07.86
27 MARLENE VAUGHN USA 1:19.40

WOMEN -- 50-54 -- 100 M. BACK

1 WENDY ROSSER RSA 1:23.99
2 S.NABUCO DE ABREU BRA 1:24.75
3 BRENDA WALKER GBR 1:29.61
4 URSULA KASTNER GER 1:30.29
5 BARBARA FRID USA 1:30.62
6 JACQUELINE ODLUM CAN 1:35.43
7 BETSY DURRANT USA 1:35.56
8 JAYNE LAMBKE USA 1:36.60
9 CEIL BLACKWELL USA 1:36.92
10 GISELA PETRI GER 1:40.24
11 VIRGINIA HEAD AUS 1:43.46
12 SUSAN SPRINGER USA 1:43.63
13 ANNETTE FOWLER NZL 1:44.29
14 KATHY RATTRAY CAN 1:44.58
15 MARTHA BARRIOS ARG 1:46.49
16 NANCY BRUEGGEMAN USA 1:46.80
17 ROBERTA BRADEN USA 1:52.78
18 LOUISE PALLET RSA 1:53.85
19 JEAN PRITCHETT USA 1:55.64
20 ELIZABETH ROSIE NZL 1:57.74
21 GAY GRILLMEIER AUS 2:02.44
22 EDNA SPRING USA 2:19.89
23 RENATE ENNSER BRA 2:20.10
24 ELSIE SENSENICH USA 2:50.85

WOMEN -- 50-54 -- 200 M. BACK

1 WENDY ROSSER RSA 3:06.28
2 JUDITH VAN BERKEL NED 3:10.93
3 URSULA KASTNER GER 3:16.50
4 JUDY DECKER USA 3:18.57
5 BETSY DURRANT USA 3:20.86
6 BRENDA WALKER GBR 3:22.64
7 INGRID LUENING GER 3:25.79

8 JACQUELINE ODLUM CAN 3:26.53
9 CEIL BLACKWELL USA 3:35.96
10 SUSAN SPRINGER USA 3:39.10
11 HARUMI SUGIMOTO JPN 3:45.01
12 GISELA PETRI GER 3:46.28
13 VIRGINIA HEAD AUS 3:47.24
14 MARTHA BARRIOS ARG 3:51.04
15 NANCY BRUEGGEMAN USA 3:54.16
16 LOUISE PALLET RSA 4:02.01
17 CHIYOKO KIRIHARA JPN 4:11.16
18 LUISE EASTON USA 4:14.70
19 ELIZABETH ROSIE NZL 4:21.95
20 KAZUKO KUNO JPN 5:30.80
21 MARLENE VAUGHN USA 5:57.95

WOMEN -- 50-54 -- 50 M. BRST

1 MONIKA SENFTLEBEN GER 39.68
2 E.VAHRMEYER-LOSKA NED 40.15
3 JAN JONES CAN 43.41
4 BETSY DURRANT USA 44.30
5 CYNTHIA ANDRADE BRA 44.31
6 MARGIT JEBE USA 44.79
7 JUDY DECKER USA 45.08
8 RAQUEL BENTOLILA USA 46.11
9 CAROL HANEY USA 46.56
10 ANNETTE FOWLER NZL 46.72
11 EDNA DE SARACHO MEX 48.18
12 CEIL BLACKWELL USA 48.93
13 LOUISE PALLET RSA 50.01
14 INGE GOEBEL GER 50.30
15 MARGIE CRISP USA 50.77
16 G.MEYER-BOEHM GER 51.00
17 JEAN PRITCHETT USA 51.18
18 MARION GROSSMANN GER 52.38
19 RENATE SCHROTTER GER 52.42
20 KAZUYO SAKURAI JPN 52.65
21 SETSUKO KURODA JPN 53.29
22 BARBARA PINNEY USA 55.69
23 M.GARCIA-TEICEIRA BRA 57.92
24 AKIKO IIDA JPN 58.80
25 GAY GRILLMEIER AUS 58.81
26 EIKO MIYANAGA JPN 1:01.28
27 EDNA SPRING USA 1:07.35
28 BREN CATCHPOLE AUS 1:07.74
29 JOY ANDERSEN AUS 1:15.64
30 MARLENE VAUGHN USA 1:19.03

WOMEN -- 50-54 -- 100 M. BRST

1 E.VAHRMEYER-LOSKA NED 1:29.46
2 MONIKA SENFTLEBEN GER 1:31.01
3 JOANN LEILICH USA 1:31.87
4 JAN JONES CAN 1:35.61
5 BARBARA FRID USA 1:37.31
6 CYNTHIA ANDRADE BRA 1:38.27
7 MARGIT JEBE USA 1:39.04
8 ANNETTE FOWLER NZL 1:40.75
9 JUDY DECKER USA 1:41.78
10 BETSY DURRANT USA 1:41.78
11 RAQUEL BENTOLILA USA 1:45.77
12 EDNA DE SARACHO MEX 1:48.10
13 G.MEYER-BOEHM GER 1:50.80
14 BIDDY HALL AUS 1:50.80
15 URSULA HARRIS USA 1:50.92

SWIMMING RESULTS - WOMEN

16	INGE GOEBEL	GER	1:51.87	6	MARGIT JEBE	USA	1:42.67	3	JOHNNIE DETRICK	USA	34.89
17	JEAN PRITCHETT	USA	1:53.25	7	VIRGINIA HEAD	AUS	1:46.35	4	LOTTIE GEURTS	NED	35.41
18	LOUISE PALLET	RSA	1:54.30	8	CAROL HANEY	USA	1:52.43	5	BARBARA ZAREMSKI	USA	35.51
19	ROBERTA BRADEN	USA	1:54.97	9	ELSBETH SOEBERDT	GER	1:53.11	6	HAIKE HOELER	GER	36.53
20	SANDY STEER	USA	1:56.61	10	BIDDY HALL	AUS	1:56.90	7	DORIS KLITZKE	USA	37.23
21	KAZUYO SAKURAI	JPN	1:59.95	*****				8	MARGIE HEINEMAN	USA	37.96
22	CLARICE ROSSI	USA	2:00.89	WOMEN -- 50-54 -- 200 M. FLY				9	ELIANE PELLIS	BEL	38.01
23	FUMIKO NAKAMURA	JPN	2:02.52	*****				10	CHIE NAMIKI	JPN	38.19
24	RENATE ENNSER	BRA	2:06.16	1	ARDETH MUELLER	USA	2:52.71	11	JEAN FOX	USA	38.80
25	M.GARCIA-TEICEIRA	BRA	2:09.69	2	E.VAHRMEYER-LOSKA	NED	3:25.58	12	BETH WHITTALL	CAN	39.71
26	EIKO MIYANAGA	JPN	2:10.00	3	CLAIRE O'DWYER	IRL	3:28.86	13	BARBARA HANSEN	USA	40.28
27	ELSIE SENSENICH	USA	2:27.71	4	MONIKA SENFTLEBEN	GER	3:32.04	14	VALERIE LYONS	USA	40.73
28	BREN CATCHPOLE	AUS	2:28.44	5	CHRISTEL VIGENER	GER	3:42.75	15	MUTSUKO KURUSHIMA	JPN	41.66
*****				6	MARGIT JEBE	USA	3:43.84	16	HENRIETTA BERNING	USA	42.17
WOMEN -- 50-54 -- 200 M. BRST				7	JACQUELINE ODLUM	CAN	3:47.48	17	GERDA GRASSE	GER	42.37
*****				8	GILL TREGENNA	RSA	3:54.50	18	BARBARA JOHNSON	USA	42.40
1	E.VAHRMEYER-LOSKA	NED	3:19.33	9	FUMIKO NAKAMURA	JPN	4:00.08	19	AYAKO TSUNO	JPN	42.78
2	JOANN LEILICH	USA	3:19.66	10	VIRGINIA HEAD	AUS	4:03.72	20	MARYLEE MEDVE	USA	42.94
3	INGRID LUENING	GBR	3:19.97	11	ELSBETH SOEBERDT	GER	4:05.78	21	JESSIE CALLEBAUT	BEL	43.54
4	MONIKA SENFTLEBEN	GER	3:24.28	12	BIDDY HALL	AUS	4:12.92	22	MITSUKO KOGANEI	JPN	44.93
5	JAN JONES	CAN	3:28.49	13	EDNA SPRING	USA	5:39.44	23	ELISABETH SEITER	GER	45.05
6	MARGIT JEBE	USA	3:34.93	*****				24	DONNA SCOTT	USA	45.22
7	CYNTHIA ANDRADE	BRA	3:36.17	WOMEN -- 50-54 -- 200 M. I.M.				25	ANITA SEEGER	GER	47.22
8	ANNETTE FOWLER	NZL	3:40.41	*****				26	RURIKO YAMAUCHI	JPN	47.62
9	EDNA DE SARACHO	MEX	3:55.46	1	JUDITH VAN BERKEL	NED	3:08.31	27	KYOKO ISHII	JPN	47.66
10	JACQUELINE ODLUM	CAN	3:55.71	2	MARGA SCHULZE	GER	3:20.15	28	ACACELY MAYER	MEX	49.76
11	URSULA HARRIS	USA	3:57.10	3	JAYNE LAMBE	USA	3:20.93	29	FLAVIA MCBRIDE	USA	50.44
12	SANDY ETNYRE	USA	3:58.31	4	JUDY DECKER	USA	3:21.46	30	EIKO ITO	JPN	51.99
13	JEAN PRITCHETT	USA	4:04.17	5	HELLI PAALOSAZO	FIN	3:22.38	32	TAMAKO MITSUTANI	JPN	52.84
14	LOUISE PALLET	RSA	4:04.57	6	DAWN FRASER	AUS	3:23.12	33	HARUE SAITO	JPN	52.91
15	ROBERTA BRADEN	USA	4:05.47	7	MARGIT JEBE	USA	3:28.93	34	JANET SCHENCK	USA	53.20
16	BIDDY HALL	AUS	4:06.66	8	BRENDA WALKER	GBR	3:31.02	35	MICHIKO NODA	JPN	53.34
17	SANDY STEER	USA	4:15.59	9	SANDY ETNYRE	USA	3:44.20	36	JAN MORRISON	GBR	54.88
18	M.GARCIA-TEICEIRA	BRA	4:33.81	10	PRUDENCE HALL	USA	3:46.84	37	TERESA SANCHEZ	MEX	55.91
19	EIKO MIYANAGA	JPN	4:39.15	11	ELSBETH SOEBERDT	GER	3:56.20	38	HIROKO OKAMURA	JPN	57.18
20	ELSIE SENSENICH	USA	5:11.44	12	ROBERTA BRADEN	USA	4:02.03	39	KIMIKO MATSUMOTO	JPN	58.39
21	BREN CATCHPOLE	AUS	5:23.50	13	HIROKO HAYASHI	JPN	4:11.51	40	JEAN WILLOUGHBY	NZL	59.00
*****				14	FUMIKA HARANO	JPN	4:33.59	41	KEIKO TAKAHATA	JPN	1:06.11
WOMEN -- 50-54 -- 50 M. FLY				*****				42	HILDA SOARES	BRA	1:16.17
*****				WOMEN -- 50-54 -- 400 M. I.M.				*****			
1	NANCY RIDOUT	USA	35.04	1	ARDETH MUELLER	USA	6:12.08	WOMEN -- 55-5			

SWIMMING RESULTS - WOMEN

24 ACACELY MAYER MEX 2:01.08
25 HARUE SAITO JPN 2:03.74
26 TERESA SANCHEZ MEX 2:07.10
27 MARYLYN CALABRESE USA 2:19.03
28 NOLA DEAN AUS 2:24.57
29 SANDRA BUCHANAN USA 2:25.81

WOMEN -- 55-59 -- 200 M. FREE

1 PAMELA HUTCHINGS AUS 2:50.01
2 LOTTIE GEURTS NED 2:59.23
3 MARLENE MENDES BRA 3:03.94
4 KELKO FUJIMOTO JPN 3:16.53
5 VALERIE LYONS USA 3:19.90
6 ELIZABET MOORE USA 3:20.26
7 MARY ANN STONE USA 3:20.73
8 CHIE NAMIKI JPN 3:23.69
9 BARBARA JOHNSON USA 3:26.51
10 MARYLEE MEDVE USA 3:26.63
11 CAROL LOWENGRUB USA 3:27.16
12 LESLEY MASON-WARD CAN 3:45.01
13 PEGGY BUCHANNAN USA 3:49.06
14 ANN STEVENS USA 3:49.60
15 GERDA GRASSE GER 3:50.78
16 FLAVIA MCBRIDE USA 3:53.18
17 MASAKO HOSHINO JPN 3:55.87
18 JOYCE LINDLEY USA 4:03.38
19 DOROTHY O'BRIEN AUS 4:10.88
20 MARYLYN CALABRESE USA 4:25.23
21 NANCY MCPHEE USA 4:29.24

WOMEN -- 55-59 -- 400 M. FREE

1 LOTTIE GEURTS NED 6:25.32
2 JEANNE LITTLE USA 6:32.71
3 MARLENE MENDES BRA 6:45.60
4 BETH WHITTALL CAN 6:58.37
5 KELKO FUJIMOTO JPN 7:03.62
6 A.DEVOS-VAN GERUE NED 7:03.67
7 CAROL LOWENGRUB USA 7:07.44
8 CHIE NAMIKI JPN 7:10.65
9 ELIZABET MOORE USA 7:11.45
10 BARBARA JOHNSON USA 7:11.87
11 MARYLEE MEDVE USA 7:21.06
12 ANNIE ATWOOD USA 7:29.15
13 JEAN FOX USA 7:32.13
14 FLAVIA MCBRIDE USA 8:12.58
15 JOYCE LINDLEY USA 8:33.76
16 DOROTHY O'BRIEN AUS 8:46.39
17 MUTSUKO KURUSHIMA JPN 8:48.34
18 CARLINA CATANIA ARG 9:02.04
19 MARYLYN CALABRESE USA 9:13.68
20 JAN MORRISON GBR 9:16.56
21 NOLA DEAN AUS 10:52.55

WOMEN -- 55-59 -- 800 M. FREE

1 BETSY JORDAN USA 12:09.10
2 LOTTIE GEURTS NED 13:15.64
3 BARBARA ZAREMSKI USA 13:33.63
4 MARLENE MENDES BRA 13:40.78
5 MARCIA RIBEIRO BRA 13:54.73
6 A.DEVOS-VAN GERUE NED 14:31.83
7 ELIZABET MOORE USA 14:38.76
8 MARYLEE MEDVE USA 14:39.46

9 CAROL LOWENGRUB USA 14:40.09
10 MARY ANN STONE USA 14:44.89
11 VALERIE LYONS USA 14:55.22
12 BARBARA JOHNSON USA 14:57.69
13 ANNIE ATWOOD USA 15:21.95
14 PEGGY BUCHANNAN USA 16:45.62
15 FLAVIA MCBRIDE USA 16:56.70
16 JOYCE LINDLEY USA 17:50.56
17 SHIRLEY MCFARLAND USA 18:02.54
18 CARLINA CATANIA ARG 18:18.98
19 JANET SCHENCK USA 18:37.50
20 NANCY MCPHEE USA 20:09.47

WOMEN -- 55-59 -- 50 M. BACK

1 BETSY JORDAN USA 37.30
2 PAMELA HUTCHINGS AUS 39.09
3 ALICE KINNAIRD AUS 40.75
4 HAIKE HOELER GER 42.61
5 BEVERLY MYERS USA 42.96
6 MARCIA RIBEIRO BRA 43.39
7 DORIS KLITZKE USA 45.24
8 BARBARA HANSEN USA 46.75
9 BARBARA MORTON GBR 47.58
10 KELKO FUJIMOTO JPN 47.77
11 JEAN FOX USA 48.63
12 MASAKO HOSHINO JPN 48.79
13 HENRIETTA BERNING USA 49.59
14 PENNEY DUNN AUS 49.73
15 VALERIE LYONS USA 50.43
16 ANITA SEEGER GER 51.30
17 ELISABETH SEITER GER 51.40
18 ITSUKO KATSUBE JPN 51.61
19 TOSHIKO KATO JPN 52.10
20 MICHIKO TOKANO JPN 52.18
21 E.GETSCHMANN GER 52.30
22 LEA MAES BEL 52.54
23 ISABE CARAZA MEX 53.22
24 JESSIE CALLEBAUT BEL 53.41
25 SHEILA MARSDEN CAN 55.51
26 RURIKO YAMAUCHI JPN 55.53
27 MARLENE EICH GER 56.73
28 KYOKO ISHII JPN 56.81
29 ANN STEVENS USA 57.37
30 TOSHIE HOSHINO JPN 59.90
31 ACACELY MAYER MEX 1:00.39
32 MICHIKO NODA JPN 1:02.94
33 KEIKO TAKAHATA JPN 1:13.15
34 JEAN WILLOUGHBY NZL 1:14.51
35 JANET SCHENCK USA 1:16.22
36 HILDA SOARES BRA 1:28.23

WOMEN -- 55-59 -- 100 M. BACK

1 BETSY JORDAN USA 1:21.42
2 PAMELA HUTCHINGS AUS 1:26.72
3 ALICE KINNAIRD AUS 1:30.76
4 BEVERLY MYERS USA 1:35.17
5 HAIKE HOELER GER 1:36.62
6 MARCIA RIBEIRO BRA 1:38.30
7 BARBARA ZAREMSKI USA 1:42.02
8 KELKO FUJIMOTO JPN 1:46.96
9 BARBARA HANSEN USA 1:47.51
10 BARBARA MORTON GBR 1:49.00
11 LESLEY MASON-WARD CAN 1:50.61

12 MICHIKO TOKANO JPN 1:50.82
13 HENRIETTA BERNING USA 1:52.20
14 PENNEY DUNN AUS 1:52.24
15 ELISABETH SEITER GER 1:55.82
16 SHIRLEY BEHELER USA 1:56.93
17 ISABE CARAZA MEX 1:59.81
18 ANN STEVENS USA 2:02.15
19 SHEILA MARSDEN CAN 2:04.90
20 MARYLYN CALABRESE USA 2:19.88
21 NANCY MCPHEE USA 2:34.15
22 JANET SCHENCK USA 2:47.16
23 NOLA DEAN AUS 3:02.96

WOMEN -- 55-59 -- 200 M. BACK

1 BETSY JORDAN USA 2:59.18
2 PAMELA HUTCHINGS AUS 3:10.63
3 ALICE KINNAIRD AUS 3:16.43
4 MARLENE MENDES BRA 3:26.23
5 HAIKE HOELER GER 3:26.84
6 MARCIA RIBEIRO BRA 3:36.05
7 DEVOS-VAN GERUEN NED 3:36.07
8 ELIZABET MOORE USA 3:49.99
9 BARBARA MORTON GBR 3:53.74
10 TOSHIKO KATO JPN 3:56.95
11 KELKO FUJIMOTO JPN 3:57.92
12 BARBARA HANSEN USA 3:59.81
13 MAREN PISKORA GER 4:00.09
14 HERTA GREGG GER 4:00.97
15 PENNEY DUNN AUS 4:03.20
16 HENRIETTA BERNING USA 4:08.34
17 ITSUKO KATSUBE JPN 4:10.38
18 JEAN FOX USA 4:10.43
19 ISABE CARAZA MEX 4:10.59
20 SHEILA MARSDEN CAN 4:24.90
21 TOSHIE HOSHINO JPN 4:46.20
22 DOROTHY O'BRIEN AUS 4:48.71
23 JOYCE LINDLEY USA 5:12.85
24 NOLA DEAN AUS 6:18.46

WOMEN -- 55-59 -- 50 M. BRST

1 ELAINE PELLIS BEL 43.43
2 ANNE MCGUIRE USA 45.02
3 JOHNNIE DETRICK USA 45.36
4 BEVERLY MYERS USA 45.66
5 MARGIE HEINEMAN USA 46.99
6 CAROL REINKE USA 47.17
7 LEA MAES BEL 49.80
8 MAREN PISKORA GER 49.83
9 JESSIE CALLEBAUT BEL 49.86
10 AYAKO TSUNO JPN 51.03
11 CHANG HSUI-WEI TPE 51.23
12 KOKO MOROOKA JPN 53.13
13 NORIKO YATSUNAMI JPN 53.20
14 ELISABETH SEITER GER 54.01
15 DONNA SCOTT USA 54.65
16 HERTA GREGG GER 54.84
17 ANITA SEEGER GER 55.01
18 MARLENE EICH GER 55.57
19 AKEMI KUBO JPN 57.94
20 GERDA GRASSE GER 58.25
21 HENRIETTA BERNING USA 1:00.15
22 JAN MORRISON GBR 1:00.70
23 COLETTE LEHOT FRA 1:05.21

SWIMMING RESULTS - WOMEN

24 ACACELY MAYER MEX 1:05.67
25 MOREN INES BERNAL MEX 1:06.36
26 JANET SCHENCK USA 1:08.56
27 DORIS GUTCHES USA 1:15.47
28 KEIKO TAKAHATA JPN 1:19.49
29 HILDA SOARES BRA 1:34.46

WOMEN -- 55-59 -- 100 M. BRST

1 ELAINE PELLIS BEL 1:38.69
2 ANNE MCGUIRE USA 1:43.41
3 BEVERLY MYERS USA 1:43.47
4 JOHNNIE DETRICK USA 1:44.97
5 CAROL REINKE USA 1:46.30
6 MAREN PISKORA GER 1:47.03
7 CHIE NAMIKI JPN 1:47.56
8 ANNE STANLEY NZL 1:48.98
9 LEA MAES BEL 1:50.86
10 JESSIE CALLEBAUT BEL 1:52.85
11 HERTA GREGG GER 1:53.79
12 CLAUDIA MULTER USA 1:53.92
13 NORIKO YATSUNAMI JPN 1:54.73
14 CHANG HSIU-WEI TPE 1:55.36
15 DONNA EDELBAUM USA 1:55.59
16 VALERIE LYONS USA 1:57.19
17 BARBARA MORTON GBR 1:57.58
18 E. GETSCHMANN GER 1:57.63
19 MARY ANN STONE USA 1:58.63
20 KOKO MOROOKA JPN 1:58.99
21 ELISABETH SEITER GER 2:00.04
22 TERESA SANCHEZ MEX 2:03.96
23 COLETTE LEHOT FRA 2:05.91
24 ANN STEVENS USA 2:12.51
25 MOREN INES BERNAL MEX 2:24.33

WOMEN -- 55-59 -- 200 M. BRST

1 ANNE MCGUIRE USA 3:38.71
2 ELAINE PELLIS BEL 3:39.96
3 MAREN PISKORA GER 3:46.94
4 JOHNNIE DETRICK USA 3:47.53
5 CAROL REINKE USA 3:47.56
6 BARBARA ZAREMSKI USA 3:52.02
7 MARGIE HEINEMAN USA 3:52.56
8 ANNE STANLEY NZL 3:54.46
9 JESSIE CALLEBAUT BEL 3:56.58
10 LEA MAES BEL 4:00.02
11 CLAUDIA MULTER USA 4:02.02
12 DONNA EDELBAUM USA 4:05.36
13 HERTA GREGG GER 4:07.11
14 MARY ANN STONE USA 4:12.04
15 KOKO MOROOKA JPN 4:13.53
16 NORIKO YATSUNAMI JPN 4:14.24
17 E. GETSCHMANN GER 4:17.38
18 BARBARA MORTON GBR 4:19.32
19 PEGGY BUCHANNAN USA 4:29.17
20 ELIZABET MOORE USA 4:31.05
21 MOREN INES BERNAL MEX 5:17.67
22 JOYCE LINDLEY USA 5:38.49
23 NANCY MCPHEE USA 5:39.19

WOMEN -- 55-59 -- 50 M. FLY

1 HAIKE HOELER GER 36.79
2 JEANNE LITTLE USA 39.92

3 BEVERLY MYERS USA 41.76
4 DORIS KLITZKE USA 43.00
5 MARCIA RIBEIRO BRA 44.29
6 CAROL REINKE USA 47.23
7 DONNA EDELBAUM USA 48.74
8 SHIRLEY BEHELER USA 51.42
9 PENNEY DUNN AUS 51.43
10 ANITA SEEGER GER 52.96
11 LESLEY MASON-WARD CAN 53.26
12 PEGGY BUCHANNAN USA 57.23
13 GERDA GRASSE GER 58.15
14 SHIRLEY MCFARLAND USA 58.54
15 ACACELY MAYER MEX 59.89
16 DOROTHY O'BRIEN AUS 1:20.26

WOMEN -- 55-59 -- 100 M. FLY

1 HAIKE HOELER GER 1:28.28
2 ANNE MCGUIRE USA 1:36.55
3 JEANNE LITTLE USA 1:42.95
4 DORIS KLITZKE USA 1:44.21
5 PEGGY WIRT USA 1:58.43
6 SHIRLEY BEHELER USA 1:59.91
7 PENNEY DUNN AUS 2:00.34
8 ANNIE ATWOOD USA 2:06.28
9 CAROL LOWENGRUB USA 2:12.31

WOMEN -- 55-59 -- 200 M. FLY

1 ANNE MCGUIRE USA 3:33.50
2 JEANNE LITTLE USA 3:55.88
3 MARGIE HEINEMAN USA 4:03.39
4 A.DEVOS-VAN GERUE NED 4:06.69
5 DORIS KLITZKE USA 4:07.14
6 SHIRLEY MCFARLAND USA 4:22.67
6 DONNA EDELBAUM USA 4:22.67
8 ANNIE ATWOOD USA 4:43.44
9 CAROL LOWENGRUB USA 4:48.08

WOMEN -- 55-59 -- 200 M. I.M.

1 BETSY JORDAN USA 3:09.94
2 BEVERLY MYERS USA 3:25.43
3 DORIS KLITZKE USA 3:39.26
4 MARCIA RIBEIRO BRA 3:40.16
5 A.DEVOS-VAN GERUE NED 3:40.88
6 CAROL REINKE USA 3:43.04
7 LESLEY MASON-WARD CAN 3:56.37
8 TOSHIKO KATO JPN 4:01.30
9 HERTA GREGG GER 4:02.08
10 PENNEY DUNN AUS 4:02.21
11 ELIZABET MOORE USA 4:05.23
12 MAREN PISKORA GER 4:05.26
13 SHIRLEY BEHELER USA 4:06.15
14 PEGGY BUCHANNAN USA 4:16.30
15 ANN STEVENS USA 4:17.59
16 BARBARA MORTON GBR 4:17.81
17 MICHIKO TOKANO JPN 4:20.52
18 SHIRLEY MCFARLAND USA 4:41.65
19 DOROTHY O'BRIEN AUS 5:32.39

WOMEN -- 55-59 -- 400 M. I.M.

1 BETSY JORDAN USA 6:47.64
2 ANNE MCGUIRE USA 7:23.54

3 BARBARA ZAREMSKI USA 7:30.45
4 ALICE KINNAIRD AUS 7:43.97
5 A.DEVOS-VAN GERUE NED 7:44.07
6 DONNA EDELBAUM USA 8:15.73
7 LESLEY MASON-WARD CAN 8:22.70
8 TOSHIKO KATO JPN 8:33.09
9 ANNIE ATWOOD USA 8:50.25
10 SHIRLEY MCFARLAND USA 9:27.54

WOMEN -- 60-64 -- 50 M. FREE

1 JANE ASHER GBR 33.60
2 MARGARET TIMMINS USA 38.65
3 MARIANNE GRANE SWE 38.77
4 EIKO MORI JPN 39.58
5 CAROL FERGUSON USA 39.95
6 YOSHIKO ITO JPN 40.73
7 EDIE GRUENDER USA 41.20
8 PATRICIA NIBLETT CAN 42.32
9 SUSAN HALTER GBR 42.41
10 ELLEN VOSE USA 42.73
11 RUTH KRAUSE GER 43.35
12 FRANCES NERGARD USA 43.79
13 CAROLINE KELLY RSA 44.33
14 MARY SMITH BRA 44.55
15 CHERYL CORBETT USA 44.63
16 ROBERTA VAN WELT USA 44.98
17 JANET STOBIE GBR 46.23
18 ETSUKO YANAGAWA JPN 46.99
19 TOMOKO ASHIZAWA JPN 48.00
20 KAZUKO KAKIMI JPN 48.89
21 BETHE HUTH GER 48.94
22 HELGA THIEN GER 50.73
23 BERYL BRERETON NZL 51.20
24 HIDEKO MURAKAMI JPN 51.27
25 CHIEKO MURAYAMA JPN 55.29
26 HANNELORE SNYDER USA 56.09
27 TAZUKO MIZUTA JPN 57.33
28 HISAKO IDA JPN 57.88
29 SADAOK KODAMA JPN 59.72
30 MARGARET SCOTT CAN 1:01.68
31 KIYOKO IMURA JPN 1:02.19
32 CAROLYN COOPER USA 1:04.53
33 SHARON RICHARDS USA 1:05.26
34 ICHIKO HYODO JPN 1:17.18
35 MARGARET WATSON NZL 1:44.53

WOMEN -- 60-64 -- 100 M. FREE

1 JANE ASHER GBR 1:16.16
2 GRETHE BENDTSEN DEN 1:23.92
3 MARGARET TIMMINS USA 1:25.96
4 MARIANNE GRANE SWE 1:31.04
5 YOSHIKO ITO JPN 1:31.87
6 EDIE GRUENDER USA 1:32.15
7 G.MCKENZIE-HICKS AUS 1:33.62
8 ELLEN VOSE USA 1:34.42
9 EIKO MORI JPN 1:35.32
10 DOROTHY DICKEY AUS 1:35.47
11 BRATRIZ RODRIGO ARG 1:38.76
12 PATRICIA NIBLETT CAN 1:39.09
13 PARKIE COPELAND USA 1:39.77
14 RUTH KRAUSE GER 1:40.74
15 CHERYL CORBETT USA 1:42.25
16 SUSAN HALTER GBR 1:43.85

SWIMMING RESULTS - WOMEN

17 ROBERTA VAN WELT USA 1:45.09
18 MARY SMITH BRA 1:45.80
19 PRISCILLA LOGAN NZL 1:47.83
20 HELGA THIEN GER 1:48.09
21 CAROLINE KELLY RSA 1:48.20
22 FRANCES NERGARD USA 1:48.33
23 JANET STOBIE GBR 1:50.24
24 BERYL BRERETON NZL 1:53.51
25 FUSAKO KOBAYASHI JPN 1:57.38
26 MEIKO KUWAHARA JPN 2:02.48
27 ESTHER ROMERO MEX 2:03.23
28 MASAKO KAWAKAMI JPN 2:10.66
29 SHARON RICHARDS USA 2:27.27
30 CAROLYN COOPER USA 2:28.30

WOMEN -- 60-64 -- 200 M. FREE

1 JANE ASHER GBR 2:51.82
2 MARGARET TIMMINS USA 3:10.39
3 MARIANNE GRANE SWE 3:20.01
4 G.MCKENZIE-HICKS AUS 3:21.27
5 YOSHIKO ITO JPN 3:26.82
6 ELLEN VOSE USA 3:26.90
7 DOROTHY DICKEY AUS 3:27.33
8 CAROL FERGUSON USA 3:27.58
9 PATRICIA NIBLETT CAN 3:31.96
10 BEATRIZ RODRIGO ARG 3:32.56
11 HELGA THIEN GER 3:51.25
12 SUSAN HALTER GBR 3:52.56
13 TSURUYO TANAKA JPN 3:54.87
14 CHERYL CORBETT USA 3:56.04
15 BERYL BRERETON NZL 4:04.26
16 ESTHER ROMERO MEX 4:36.70
17 MASAKO KAWAKAMI JPN 4:42.43
18 CAROLYN COOPER USA 5:09.28

WOMEN -- 60-64 -- 400 M. FREE

1 JANE ASHER GBR 6:15.47
2 MARGARET TIMMINS USA 7:02.61
3 MARIANNE GRANE SWE 7:04.91
4 G.MCKENZIE-HICKS AUS 7:07.80
5 EDIE GRUENDER USA 7:11.89
6 ELLEN VOSE USA 7:17.10
7 YOSHIKO ITO JPN 7:21.24
8 DOROTHY DICKEY AUS 7:36.07
9 PARKIE COPELAND USA 7:38.70
10 PATRICIA NIBLETT CAN 7:43.03
11 BRATRIZ RODRIGO ARG 7:44.67
12 MITSUKO KOMURO JPN 7:58.41
13 CHERYL CORBETT USA 8:02.31
14 TOSHIE YOSHIDA JPN 8:09.98
15 HELGA THIEN GER 8:15.16
16 TSURUYO TANAKA JPN 8:17.00
17 JOAN KIDD GBR 8:30.18
18 BERYL BRERETON NZL 8:38.55
19 JANET STOBIE GBR 8:50.35
20 ESTHER ROMERO MEX 9:14.94
21 MEIKO KUWAHARA JPN 9:52.60
22 JEANE GRUENDER USA 10:05.33
23 KIYOKO IMURA JPN 10:05.61
24 VELBA COFFANI ANA BRA 10:08.53
25 CAROLYN COOPER USA 11:09.86
26 MARTHA BORUFF USA 11:29.83

WOMEN -- 60-64 -- 50 M. BACK

1 GRETHE BENDTSEN DEN 40.86
2 K.NAIDENOVA RUS 43.74
3 EDITH BOEHM GER 44.08
4 JOAN PARNELL CAN 45.38
5 MARIANNE GRANE SWE 46.73
6 MITSUKO KOMURO JPN 48.85
7 MARIA YUNGEL USA 49.30
8 H.SOMMERMEYER GER 50.31
9 AILSA DUNCAN AUS 52.00
10 SUSAN HALTER GBR 52.06
11 STEFANENA KYSOR USA 53.43
12 RUTH KRAUSE GER 53.66
13 ROBERTA VAN WELT USA 54.78
14 LIN YUEH-FENG TPE 55.85
15 MARYLLIA BOUSTEAD RSA 56.18
16 DOROTHY DICKEY AUS 56.40
17 VELBA COFFANI ANA BRA 57.55
18 BERYL BRERETON NZL 57.80
19 ELIZABETH CAPTEIN AUS 58.42
20 TOMOKO ASHIZAWA JPN 59.87
21 HANNELORE SNYDER USA 59.99
22 FRANCES NERGARD USA 1:00.70
23 CHIEKO MURAYAMA JPN 1:00.72
24 JOAN HOFFMANN USA 1:02.90
25 SHIGEKU HIRAKI JPN 1:08.86
26 MARGARET SCOTT CAN 1:11.46
27 SADAKO KODAMA JPN 1:19.32
28 NOELA SAAVEDRA ARG 1:25.12
29 MARGARET WATSON NZL 2:02.59

WOMEN -- 60-64 -- 100 M. BACK

1 GRETHE BENDTSEN DEN 1:30.22
2 K.NAIDENOVA RUS 1:36.14
3 JOAN PARNELL CAN 1:36.24
4 MARIANNE GRANE SWE 1:44.88
5 ERIKA LANGE GER 1:47.05
6 MARIA YUNGEL USA 1:49.00
7 STEFANENA KYSOR USA 1:53.72
8 JOAN KIDD GBR 1:56.41
9 PATRICIA NIBLETT CAN 1:58.79
10 SUSAN HALTER GBR 2:02.84
11 PRISCILLA LOGAN NZL 2:03.93
12 LIN YUEH-FENG TPE 2:04.23
13 AILSA DUNCAN AUS 2:04.42
14 JANET STOBIE GBR 2:04.53
15 ELIZABETH CAPTEIN AUS 2:05.37
16 MARYLLIA BOUSTEAD RSA 2:06.57
17 VELBA COFFANI ANA BRA 2:10.22
18 MARGARET SCOTT CAN 2:14.25
19 CHIEKO MURAYAMA JPN 2:16.41
20 HANNELORE SNYDER USA 2:18.71
21 ISHIKO TSUBOI JPN 2:32.22

WOMEN -- 60-64 -- 200 M. BACK

1 GRETHE BENDTSEN DEN 3:16.48
2 K.WAIDENOVA RUS 3:30.52
3 JOAN PARNELL CAN 3:33.86
4 MARIA YUNGEL USA 3:49.39
5 STEFANENA KYSOR USA 4:05.41
6 JOAN KIDD GBR 4:10.04
7 LIN YUEH-FENG TPE 4:30.85

8 MARYLLIA BOUSTEAD RSA 4:32.43
9 ELIZABETH CAPTEIN AUS 4:33.48
10 ANA VELBA COFFANI BRA 4:37.12
11 G.MCKENZIE-HICKS AUS 4:43.12
12 JEANE GRUENDER USA 4:51.92
13 SHIGEKU HIRAKI JPN 5:02.04

WOMEN -- 60-64 -- 50 M. BRST

1 EDITH BOEHM GER 43.01
2 ERIKA LANGE GER 44.50
3 ODETTE LUSIEN FRA 44.77
4 LILLY KRON USA 47.71
5 JOAN PARNELL CAN 49.28
6 H.SOMMERMEYER GER 50.81
7 EIKO MORI JPN 51.92
8 TOSHIE YOSHIDA JPN 52.32
9 CAROLINE KELLY RSA 53.43
10 YOKO UCHIDA JPN 55.15
11 YOSHIE TAJIMA JPN 55.51
12 L.SILVA DUARTE BRA 55.99
13 KAZUKO KAKIMI JPN 56.84
14 HANNELORE SNYDER USA 57.06
15 SHIRLEY SCOTT USA 57.18
16 HELGA THIEN GER 57.84
17 STEFANENA KYSOR USA 58.04
18 GRETA NIXON AUS 58.50
19 ROBERTA VAN WELT USA 59.68
20 BETHE HUTH GER 1:02.11
21 HZDEKO MURAKAMI JPN 1:03.01
22 JOAN HOFFMANN USA 1:03.33
23 IDA RYTHOR NOR 1:04.27
24 MEIKO KUWAHARA JPN 1:04.45
25 MARGARET SCOTT CAN 1:06.89
26 ETSUKO YANAGAWA JPN 1:11.71
27 ESTHER HALBACH GER 1:12.05
28 MARTHA BORUFF USA 1:16.17
29 TAZUKO MIZUTA JPN 1:18.71
30 SHARON RICHARDS USA 1:21.38
31 IRMGARD JANSSEN USA 1:21.43
32 NOELA SAAVEDRA ARG 1:40.97

WOMEN -- 60-64 -- 100 M. BRST

1 EDITH BOEHM GER 1:39.08
2 ERIKA LANGE GER 1:40.12
3 LILLY KRON USA 1:42.83
4 CAROL FERGUSON USA 1:51.98
5 EIKO MORI JPN 1:55.30
6 H.SOMMERMEYER GER 1:57.41
7 TOSHIE YOSHIDA JPN 1:58.05
8 CAROLINE KELLY RSA 2:02.93
9 JOAN KIDD GBR 2:03.54
10 L.SILVA DUARTE BRA 2:03.62
11 MARIAN WOLLE USA 2:10.60
12 HANNELORE SNYDER USA 2:11.27
13 PRISCILLA LOGAN NZL 2:11.96
14 MARY SMITH BRA 2:13.11
15 IDA RYTHOR NOR 2:22.64
16 ELIZABETH CAPTEIN AUS 2:26.31
17 MARGARET SCOTT CAN 2:29.01
18 JEANE GRUENDER USA 2:31.73
19 ESTHER ROMERO MEX 2:46.67
20 IRMGARD JANSSEN USA 3:05.01

SWIMMING RESULTS - WOMEN

WOMEN -- 60-64 -- 200 M. BRST

1	JUDIE OLIVER	CAN	3:36.87
2	LILLY KRON	USA	3:36.90
3	EDITH BOEHM	GER	3:39.87
4	ERIKA LANGE	GER	3:42.52
5	CAROL FERGUSON	USA	4:00.36
6	EIKO MORI	JPN	4:08.61
7	TOSHIE YOSHIDA	JPN	4:19.19
8	JOAN KIDD	GBR	4:24.41
9	L.SILVA DUARTE	BRA	4:24.61
10	YOKO UCHIDA	JPN	4:25.69
11	CAROLINE KELLY	RSA	4:30.88
12	MARIAN WOLLE	USA	4:33.18
13	HANNELORE SNYDER	USA	4:42.11
14	JEANE GRUENDER	USA	5:20.39
15	ETSUKO YANAGAWA	JPN	5:40.61

WOMEN -- 60-64 -- 50 M. FLY

1	JANE ASHER	GBR	38.94
2	JUDIE OLIVER	CAN	40.19
3	ODETTE LUSIEN	FRA	41.42
4	JOAN PARNELL	CAN	46.40
5	EDIE GRUENDER	USA	47.46
6	SHIRLEY SCOTT	USA	52.46
7	AILSA DUNCAN	AUS	52.80
8	MITSUKO KOMURO	JPN	55.96
9	L.SILVA DUARTE	BRA	56.45
10	CAROLINE KELLY	RSA	57.71
11	TSURUYO TANAKA	JPN	59.42
12	GRETA NIXON	AUS	1:02.24
13	KAZUKO KAKIMI	JPN	1:02.28
14	CHERYL CORBETT	USA	1:03.35
15	SUSAN HALTER	GBR	1:05.78
16	DOROTHY DICKEY	AUS	1:06.37
17	BETHE HUTH	GER	1:09.31
18	ESTHER ROMERO	MEX	1:18.80
19	ISHIKO TSUBOI	JPN	1:21.51

WOMEN -- 60-64 -- 100 M. FLY

1	JUDIE OLIVER	CAN	1:31.52
2	L.SILVA DUARTE	BRA	2:06.29
3	AILSA DUNCAN	AUS	2:16.00
4	TSURUYO TANAKA	JPN	2:22.72
5	ISHIKO TSUBOI	JPN	3:16.10

WOMEN -- 60-64 -- 200 M. FLY

1	JUDIE OLIVER	CAN	3:28.58
2	LILLY KRON	USA	4:05.90
3	SHIGEKO HIRAKI	JPN	4:35.13
4	YOKO UCHIDA	JPN	4:46.50
5	MARIAN WOLLE	USA	4:51.16
6	L.SILVA DUARTE	BRA	4:51.29
7	SHIRLEY SCOTT	USA	4:58.85
8	AILSA DUNCAN	AUS	5:11.70
9	GRETA NIXON	AUS	5:33.70
10	ISHIKO TSUBOI	JPN	7:37.60

WOMEN -- 60-64 -- 200 M. I.M.

1	JUDIE OLIVER	CAN	3:23.71
2	GRETHE BENDTSEN	DEN	3:31.62

3	JOAN PARNELL	CAN	3:45.59
4	SHIRLEY SCOTT	USA	4:10.08
5	MARIA YUNGEL	USA	4:11.89
6	MARIAN WOLLE	USA	4:14.37
7	TOSHIE YOSHIDA	JPN	4:17.10
8	PRISCILLA LOGAN	NZL	4:17.43
9	JOAN KIDD	GBR	4:28.04
10	YOKO UCHIDA	JPN	4:28.76
11	STEFANENA KYSOR	USA	4:30.27
12	GRETA NIXON	AUS	4:34.08
13	JANET STOBIE	GBR	4:35.86
14	CHERYL CORBETT	USA	4:43.00
15	ESTHER ROMERO	MEX	5:18.36
16	ISHIKO TSUBOI	JPN	5:54.71
17	NOEILA SAAVEDRA	ARG	7:57.13

WOMEN -- 60-64 -- 400 M. I.M.

1	JUDIE OLIVER	CAN	7:05.31
2	MARIAN WOLLE	USA	9:00.04
3	SHIRLEY SCOTT	USA	9:09.76
4	YOKO UCHIDA	JPN	9:23.83
5	GRETA NIXON	AUS	9:30.98
6	ROBERTA VAN WELT	USA	9:43.12
7	AILSA DUNCAN	AUS	10:18.62
8	ISHIKO TSUBOI	JPN	12:39.88

WOMEN -- 65-69 -- 50 M. FREE

1	CLARA WALKER	USA	34.75
2	BETTY JANE RUSS	USA	37.48
3	JEAN TROY	USA	38.04
4	PETEE SMITH	USA	38.16
5	KERSTIN GJORES	SWE	38.43
6	DELLA SEHORN	USA	39.80
7	MARGERY MEYER	USA	40.33
8	JEANNE MERRYMAN	USA	41.68
9	KRISTINE VADEM	SWE	42.01
10	SHIRLEY CRANDELL	CAN	43.11
11	LOUISE MANN	USA	44.37
12	CLARA SOTAK	USA	48.54
13	TERUKO TSUBOUCHI	JPN	50.02
14	HERTA BREUER	GER	50.59
15	HISAKO YOKOI	JPN	51.40
16	IRENE D'AGOSTINO	USA	53.99
17	SHIZU ASHIZAWA	JPN	55.20
18	MOTO MIFUNE	JPN	55.81
19	YASUKO NAKAMURA	JPN	1:04.22
20	AUREA FRATTINI	BRA	1:05.34
21	MIYOKO YOSHIDA	JPN	1:07.85
22	JUDY ANN KELLY	USA	1:08.99

WOMEN -- 65-69 -- 100 M. FREE

1	CLARA WALKER	USA	1:16.84
2	BETTY JANE RUSS	USA	1:23.24
3	PETEE SMITH	USA	1:24.40
4	JEAN TROY	USA	1:25.60
5	MARGERY MEYER	USA	1:32.48
6	KERSTIN GJORES	SWE	1:32.71
7	SHIRLEY CRANDELL	CAN	1:40.01
8	KRISTINE VADEM	SWE	1:40.77
9	JEANNE MERRYMAN	USA	1:45.70
10	BERYL GRACE	AUS	1:46.48
11	LIZ LUBBERS	NZL	1:47.86

12	CLARA SOTAK	USA	1:48.17
13	FAY BECK	USA	1:48.88
14	LOUISE MANN	USA	1:50.71
15	DORIS PETERS	USA	1:53.37
16	KISHIE MAKI	JPN	2:00.73
17	HERTA BREUER	GER	2:02.77
18	MURIEL DYKEMA	USA	2:09.01
19	HISAKO YOKOI	JPN	2:13.08
20	JUDY ANN KELLY	USA	2:13.18
21	AUREA FRATTINI	BRA	2:40.11
22	PHEBE EDINGTON	USA	3:09.72

WOMEN -- 65-69 -- 200 M. FREE

1	CLARA WALKER	USA	2:48.51
2	BETTY JANE RUSS	USA	3:04.64
3	PETEE SMITH	USA	3:06.85
4	JEAN TROY	USA	3:08.27
5	MARGERY MEYER	USA	3:22.01
6	KERSTIN GJORES	SWE	3:31.56
7	SHIRLEY CRANDELL	CAN	3:42.43
8	FAY BECK	USA	3:55.96
9	CLARA SOTAK	USA	3:58.86
10	CAROL KNEPP	USA	4:04.67
11	LIZ LUBBERS	NZL	4:12.27
12	IRENE D'AGOSTINO	USA	4:16.38
13	KISHIE MAKI	JPN	4:26.69
14	PAULINE BENJAMIN	AUS	5:26.81
15	M.ASTORDEARGUELLO	ARG	6:54.17

WOMEN -- 65-69 -- 400 M. FREE

1	CLARA WALKER	USA	6:09.08
2	BETTY JANE RUSS	USA	6:34.81
3	JUNE KRAUSER	USA	6:36.75
4	PETEE SMITH	USA	6:38.13
5	MARGERY MEYER	USA	7:06.81
6	LOIS NOCHMAN	USA	7:35.78
7	FAY BECK	USA	7:58.10
8	BERYL GRACE	AUS	8:07.46
9	CLARA SOTAK	USA	8:22.70
10	TERUKO TSUBOUCHI	JPN	8:25.46
11	DORIS PETERS	USA	8:30.59
12	IRENE D'AGOSTINO	USA	8:50.09
13	MARJORIE NEWMAN	USA	8:51.53
14	KISHIE MAKI	JPN	9:03.82
15	HERTA BREUER	GER	9:19.64
16	HISAKO YOKOI	JPN	9:58.12
17	PAULINE BENJAMIN	AUS	10:12.02

WOMEN -- 65-69 -- 50 M. BACK

1	DORIS STEADMAN	USA	42.18
2	DELLA SEHORN	USA	45.10
3	KERSTIN GJORES	SWE	45.23
4	FLORENCE CARR	USA	46.13
5	KRISTINE VADEM	SWE	46.37
6	MARGERY MEYER	USA	46.58
7	REGAN KENNER	USA	47.55
8	SARAH ALLNUTT	USA	49.16
9	M.J.AMSBARY	USA	49.48
10	JEANNE MERRYMAN	USA	51.39
11	RUTH HENSCHER	GER	54.25
12	LIZ LUBBERS	NZL	56.06
13	HEDWIG ZIEGLER	GER	56.39

SWIMMING RESULTS - WOMEN

14	ELIZABETH BERCE	AUS	57.44
15	CAROL KNEPP	USA	58.17
16	LOUISE MANN	USA	59.89
17	IRENE D'AGOSTINO	USA	1:01.49
18	THEA VATTERER	GER	1:04.68
19	MOTO MIFUNE	JPN	1:06.32
20	YASUKO WAKAMURA	JPN	1:11.15
21	AUREA FRATTINI	BRA	1:12.40
22	PHEBE EDINGTON	USA	1:23.69
23	MIYOKO YOSHIDA	JPN	1:25.57

WOMEN -- 65-69 -- 100 M. BACK

1	DORIS STEADMAN	USA	1:34.06
2	KERSTIN GJORES	SWE	1:39.83
3	DELLA SEHORN	USA	1:40.79
4	REGAN KENNER	USA	1:42.68
5	FLORENCE CARR	USA	1:42.97
6	M.J.AMSBARY	USA	1:49.05
7	KRISTINE VADEM	SWE	1:51.77
8	JEANNE MERRYMAN	USA	1:53.44
9	BETTY DUNN	USA	2:01.04
10	SHIRLEY CRANDELL	CAN	2:03.27
11	LOUISE MANN	USA	2:11.10
12	ELIZABETH BERCE	AUS	2:11.66
13	CAROL KNEPP	USA	2:11.98
14	AUREA FRATTINI	BRA	2:39.37

WOMEN -- 65-69 -- 200 M. BACK

1	DORIS STEADMAN	USA	3:24.33
2	DELLA SEHORN	USA	3:39.50
3	KERSTIN GJORES	SWE	3:41.24
4	REGAN KENNER	USA	3:44.61
5	FLORENCE CARR	USA	3:49.13
6	M.J.AMSBARY	USA	3:59.59
7	KRISTINE VADEM	SWE	3:59.89
8	JEANNE MERRYMAN	USA	4:09.80
9	SHIRLEY CRANDELL	CAN	4:23.96
10	CAROL KNEPP	USA	4:39.17
11	MARJORIE NEWMAN	USA	4:41.73
12	CECILE GOSSELIN	CAN	4:45.74
13	BERYL GRACE	AUS	4:48.79

WOMEN -- 65-69 -- 50 M. BRST

1	L.BURG-BONNIER	NED	49.47
2	AGNES PLISSON	FRA	49.53
3	MJ AMSBARY	USA	49.60
4	REGAN KENNER	USA	49.94
5	EVA MISCHKE	GER	52.86
6	JOAN GLARATON	USA	53.19
7	C.COSTELLO	USA	53.63
8	RUTH HENSCHER	GER	53.74
9	HEDWIG ZIEGLER	GER	55.44
10	SARAH ALLNUTT	USA	55.59
11	THEA VATTERER	GER	59.57
12	DORIS PETERS	USA	59.62
13	LIZ LUBBERS	NZL	1:01.69
14	BETTY DUNN	USA	1:02.14
15	JUDY ANN KELLY	USA	1:04.28
16	ELIZABETH BERCE	AUS	1:06.73
17	YOSHIKO NAGATA	JPN	1:09.16
18	MURIEL DYKEMA	USA	1:10.10
19	PHEBE EDINGTON	USA	1:33.04

WOMEN -- 65-69 -- 100 M. BRST

1	L.BURG-BONNIER	NED	1:47.94
2	AGNES PLISSON	FRA	1:48.42
3	REGAN KENNER	USA	1:50.69
4	EVA MISCHKE	GER	1:56.95
5	M.J.AMSBARY	USA	1:58.02
6	C.COSTELLO	USA	2:02.39
7	HEDWIG ZIEGLER	GER	2:04.58
8	SARAH ALLNUTT	USA	2:08.45
9	JOAN GLARATON	USA	2:08.57
10	DORIS PETERS	USA	2:17.05
11	LOUISE MANN	USA	2:17.75
12	THEA VATTERER	GER	2:18.36
13	LIZ LUBBERS	NZL	2:18.99
14	CLARA SOTAK	USA	2:22.91
15	JUDY ANN KELLY	USA	2:26.68
16	MURIEL DYKEMA	USA	2:38.47
17	PAULINE BENJAMIN	AUS	2:50.69

WOMEN -- 65-69 -- 200 M. BRST

1	L.BURG-BONNIER	NED	3:52.25
2	REGAN KENNER	USA	4:02.94
3	AGNES PLISSON	FRA	4:05.42
4	EVA MISCHKE	GER	4:10.59
5	M.J.AMSBARY	USA	4:16.71
6	HEDWIG ZIEGLER	GER	4:24.05
7	JOAN GLARATON	USA	4:53.15
8	LIZ LUBBERS	NZL	4:56.03
9	YOSHIKO NAGATA	JPN	5:14.34
10	DORIS PETERS	USA	5:15.46
11	PAULINE BENJAMIN	AUS	5:58.18

WOMEN -- 65-69 -- 50 M. FLY

1	LOIS NOCHMAN	USA	44.88
2	JUNE KRAUSER	USA	46.02
3	FLORENCE CARR	USA	46.45
4	JEAN TROY	USA	48.14
5	SARAH ALLNUTT	USA	50.59
6	BETTY DUNN	USA	51.29
7	JEANNE MERRYMAN	USA	55.23
8	SHIRLEY CRANDELL	CAN	56.97
9	BERYL GRACE	AUS	58.83
10	KISHIE MAKI	JPN	1:04.60
11	IRENE D'AGOSTINO	USA	1:09.21
12	PAULINE BENJAMIN	AUS	1:27.09
13	M.ASTORDEARGUELLO	ARG	3:18.35

WOMEN -- 65-69 -- 100 M. FLY

1	JUNE KRAUSER	USA	1:42.39
2	DELLA SEHORN	USA	1:47.55
3	LOIS NOCHMAN	USA	1:52.60
4	BETTY DUNN	USA	1:59.97
5	AGNES PLISSON	FRA	2:06.32
6	BERYL GRACE	AUS	2:34.64
7	CECILE GOSSELIN	CAN	2:37.52

WOMEN -- 65-69 -- 200 M. FLY

1	JUNE KRAUSER	USA	3:42.61
2	BETTY JANE RUSS	USA	3:48.10

3	LOIS NOCHMAN	USA	4:21.63
4	BETTY DUNN	USA	4:51.52
5	JOAN GLARATON	USA	5:10.70
6	CECILE GOSSELIN	CAN	5:17.79
7	MARJORIE NEWMAN	USA	6:41.24

WOMEN -- 65-69 -- 200 M. I.M.

1	DELLA SEHORN	USA	3:44.31
2	JEAN TROY	USA	3:46.20
3	FLORENCE CARR	USA	3:46.82
4	AGNES PLISSON	FRA	3:54.55
5	CECILE GOSSELIN	CAN	4:44.18
6	DORIS PETERS	USA	4:46.28

WOMEN -- 65-69 -- 400 M. I.M.

1	JUNE KRAUSER	USA	7:35.11
2	AGNES PLISSON	FRA	8:16.48
3	PETEY SMITH	USA	8:41.32
4	LOIS NOCHMAN	USA	8:41.99
5	CECILE GOSSELIN	CAN	9:36.79
6	BETTY DUNN	USA	9:42.30
7	MARJORIE NEWMAN	USA	11:20.89

WOMEN -- 70-74 -- 50 M. FREE

1	OLGA JOHNSON	NZL	37.61
2	CATHERINE KERR	CAN	37.65
3	DOROTHY DONNELLY	USA	38.59
4	M.PFANNMUELLER	GER	42.51
5	B.BURRILL	USA	43.37
6	BUNNY CEDERLUND	USA	43.47
7	NERINA MCALL	RSA	46.58
8	ANNALOU CARRIER	USA	47.16
9	JOSEPHINE PALLIN	USA	47.54
10	SUMIKO KOIZUMI	JPN	48.14
11	NORMA HOFFRICHTER	USA	49.91
12	H.HUGGINS	USA	50.12
13	BETTY ROBINSON	USA	50.40
14	JUANITA WILLARD	USA	50.62
15	ELIZABETH COLBURN	USA	56.14
16	LOGA DE OLAZAVAL	PER	57.68
17	LUELLA HEATH	USA	58.08
18	KATE BRAZIL	USA	1:02.01
19	MASA TSUCHIMOTO	JPN	1:02.48
20	YONEKO YOSHIDA	JPN	1:10.18
21	FLORENCE MELICK	USA	1:24.48

WOMEN -- 70-74 -- 100 M. FREE

1	CATHERINE KERR	CAN	1:28.07
2	DOROTHY DONNELLY	USA	1:28.96
3	OLGA JOHNSON	NZL	1:31.11
4	M.PFANNMUELLER	GER	1:37.77
5	B.BURRILL	USA	1:38.21
6	BUNNY CEDERLUND	USA	1:40.63
7	KIMOTO HISAKO	JPN	1:41.15
8	SYLVIA HILL	USA	1:46.09
9	CANDIDA GANDOLPHO	BRA	1:49.51
10	ANNALOU CARRIER	USA	1:50.20
11	SUMIKO KOIZUMI	JPN	1:50.48
12	JOSEPHINE PALLIN	USA	1:52.20
13	NERINA MCALL	RSA	1:54.54
14	H.HUGGINS	USA	2:00.00

SWIMMING RESULTS - WOMEN

15 L.HOSCHKE-LENGE GER 2:02.26
16 JUANITA WILLARD USA 2:02.31
17 RACHEL ERWIN USA 2:06.32
18 BETTY ROBINSON USA 2:06.40
19 LUELLA HEATH USA 2:10.89
20 ELIZABETH COLBURN USA 2:12.96
21 MARIE KREIPE USA 2:17.57
22 MARION CHADWICK USA 2:17.58
23 KATE BRAZIL USA 2:31.45
24 DORIS TRAUGHBER USA 2:53.54
25 MARTHA HALL USA 3:05.60
26 ZONA JONES USA 3:15.94

WOMEN -- 70-74 -- 200 M. FREE

1 CATHERINE KERR CAN 3:21.01
2 DOROTHY DONNELLY USA 3:28.22
3 OLGA JOHNSON NZL 3:33.63
4 B.BURRILL USA 3:36.29
5 CANDIDA GANDOLPHO BRA 3:51.72
6 ANNALOU CARRIER USA 4:07.17
7 A.HOTTINGER USA 4:28.04
8 NERINA MCALL RSA 4:30.76
9 RACHEL ERWIN USA 4:36.50
10 MASA TSUCHIMOTO JPN 5:01.23
11 KATE BRAZIL USA 5:10.58

WOMEN -- 70-74 -- 400 M. FREE

1 CATHERINE KERR CAN 7:15.99
2 BILLIE BURRILL USA 7:44.63
3 DOROTHY DONNELLY USA 7:55.13
4 SYLVIA HILL USA 8:05.21
5 BUNNY CEDERLUND USA 8:20.30
6 EDITH THEIN ISR 8:20.90
7 AGNES ZYDINSKY USA 8:46.05
8 A.HOTTINGER USA 9:21.64
9 L.HOSCHKE-LENGE GER 9:29.30
10 MARION CHADWICK USA 10:08.43
11 RACHEL ERWIN USA 10:26.99
12 KATE BRAZIL USA 11:13.24

WOMEN -- 70-74 -- 50 M. BACK

1 BUNNY CEDERLUND USA 44.53
2 BETTY CHRISTIAN USA 48.95
3 M.PFANNMUELLER GER 49.71
4 OLGA JOHNSON NZL 51.17
5 JOSEPHINE PALLIN USA 51.45
6 EDITH THEIN ISR 51.62
7 H.HUGGINS USA 53.36
8 KIMOTO HISAKO JPN 53.91
9 SUMIKO KOIZUMI JPN 54.18
10 TILDE EICKER GBR 54.73
11 ANNALOU CARRIER USA 56.23
12 JEAN ZULICH USA 56.39
13 MARY CULHANE USA 58.35
14 NORMA HOFFRICHTER USA 1:00.93
15 BETTY ROBINSON USA 1:02.39
16 JUANITA WILLARD USA 1:04.26
17 IKUKO AKASHI JPN 1:04.72
18 LUELLA HEATH USA 1:05.62
19 LOGA DE OLAZAVAL PER 1:05.80
20 NERINA MCALL RSA 1:08.73
21 KATE BRAZIL USA 1:10.55

22 SHIZUKO KUROSAWA JPN 1:12.41
23 RACHEL ERWIN USA 1:19.36
24 BETTE HOFFMANN USA 1:30.52
25 FLORENCE MELICK USA 1:32.82
26 MARTHA HALL USA 2:01.80

WOMEN -- 70-74 -- 100 M. BACK

1 BUNNY CEDERLUND USA 1:45.29
2 BETTY CHRISTIAN USA 1:49.39
3 EDITH THEIN ISR 1:55.05
4 OLGA JOHNSON NZL 1:55.77
5 JOSEPHINE PALLIN USA 1:56.77
6 SUMIKO KOIZUMI JPN 2:00.12
7 ANNALOU CARRIER USA 2:02.41
8 TILDE EICKER GBR 2:02.57
9 H.HUGGINS USA 2:02.58
10 JEAN ZULICH USA 2:16.40
11 BETTY ROBINSON USA 2:17.96
12 L.HOSCHKE-LENGE GER 2:20.16
13 LUELLA HEATH USA 2:21.85
14 JUANITA WILLARD USA 2:25.49
15 ELIZABETH COLBURN USA 2:32.54
16 BUNNY HAVLICEK USA 2:40.35
17 RACHEL ERWIN USA 2:49.67
18 FLORENCE MELICK USA 3:24.22
19 BETTE HOFFMANN USA 3:28.30

WOMEN -- 70-74 -- 200 M. BACK

1 BUNNY CEDERLUND USA 3:52.95
2 EDITH THEIN ISR 3:55.43
3 EVA RAUNER GER 4:09.00
4 SUMIKO KOIZUMI JPN 4:12.75
5 KIMOTO HISAKO JPN 4:20.64
6 H.HUGGINS USA 4:29.71
7 ANNALOU CARRIER USA 4:32.48
8 ZADA TAFT USA 4:48.31
9 AGNES ZYDINSKY USA 4:51.63
10 BETTY ROBINSON USA 5:00.35
11 ELIZABETH COLBURN USA 5:04.21
12 LUELLA HEATH USA 5:06.35
13 NERINA MCALL RSA 5:25.33
14 KIMIKO ONO JPN 6:00.45
15 ROSE STEWARD USA 6:51.90

WOMEN -- 70-74 -- 50 M. BRST

1 INGEBORG FRITZE GER 49.57
2 BETTY CHRISTIAN USA 50.08
3 TILDE EICKER GER 53.15
4 CANDIDA GANDOLPHO BRA 53.71
5 EVA RAUNER GER 54.24
6 MARY CULHANE USA 1:03.28
7 NORMA HOFFRICHTER USA 1:04.57
8 JEAN ZULICH USA 1:04.99
9 AGOTA FROHS USA 1:05.02
10 MARIE KREIPE USA 1:09.01
11 ELIZABETH COLBURN USA 1:14.87
12 LUCIE ROSEN GER 1:16.52
13 DORIS TRAUGHBER USA 1:22.53
14 HIROKO OKUCHI JPN 1:25.92
15 MARION CHADWICK USA 1:30.85
16 CHEN TUI TPE 1:59.79
17 FLORENCE MELICK USA 2:00.09

18 MARTHA HALL USA 2:42.44

WOMEN -- 70-74 -- 100 M. BRST

1 BETTY CHRISTIAN USA 1:52.88
2 INGEBORG FRITZE GER 1:56.67
3 EVA RAUNER GER 2:01.52
4 TILDE EICKER GBR 2:03.55
5 CANDIDA GANDOLPHO BRA 2:05.05
6 KIMOTO HISAKO JPN 2:07.82
7 AGOTA FROHS USA 2:15.77
8 MARY CULHANE USA 2:24.69
9 MARIE KREIPE USA 2:40.11

WOMEN -- 70-74 -- 200 M. BRST

1 BETTY CHRISTIAN USA 4:06.80
2 EVA RAUNER GER 4:19.02
3 INGEBORG FRITZE GER 4:20.74
4 CANDIDA GANDOLPHO BRA 4:28.49
5 GERTRUD MEERWALD GER 4:37.07

WOMEN -- 70-74 -- 50 M. FLY

1 CATHERINE KERR CAN 46.55
2 JEANNETTE EPPLEY USA 51.95
3 DOROTHY DONNELLY USA 57.95
4 CANDIDA GANDOLPHO BRA 58.18
5 SYLVIA HILL USA 58.72
6 GERTRUD MEERWALD GER 58.93
7 SUE MCGAUGHEY USA 59.14
8 OLGA JOHNSON NZL 1:01.95
9 ZADA TAFT USA 1:02.53
10 NERINA MCALL RSA 1:03.81
11 JEAN ZULICH USA 1:05.35
12 MARIE KREIPE USA 1:10.62
13 LOGA DE OLAZAVAL PER 1:35.41
14 ZONA JONES USA 1:57.88

WOMEN -- 70-74 -- 100 M. FLY

1 JEANNETTE EPPLEY USA 2:06.32
2 GERTRUD MEERWALD GER 2:18.21
3 SUE MCGAUGHEY USA 2:24.82
4 JEAN ZULICH USA 2:44.60
5 ZONA JONES USA 3:58.03
6 ROSE STEWARD USA 5:32.06

WOMEN -- 70-74 -- 200 M. FLY

1 JEANNETTE EPPLEY USA 4:59.75
2 GERTRUD MEERWALD GER 5:14.23
3 ZONA JONES USA 8:01.12

WOMEN -- 70-74 -- 200 M. I.M.

1 CATHERINE KERR CAN 3:51.91
2 DOROTHY DONNELLY USA 4:12.94
3 KIMOTO HISAKO JPN 4:15.55
4 EVA RAUNER GER 4:23.08
5 JEANNETTE EPPLEY USA 4:33.55
6 SUE MCGAUGHEY USA 4:51.20
7 MARIE KREIPE USA 5:27.07
8 L.HOSCHKE-LENGE GER 5:32.63
9 ZONA JONES USA 8:18.10

SWIMMING RESULTS - WOMEN

10 ROSE STEWARD USA 9:04.26

WOMEN -- 70-74 -- 400 M. I.M.

1 EVA RAUNER GER 8:53.48
2 GERTRUD MEERWALD GER 9:39.18
3 SYLVIA HILL USA 9:47.65
4 JEANNETTE EPPLEY USA 9:50.51
5 ZADA TAFT USA 11:04.60
6 L.HOSCHKE-LENGE GER 12:08.98
7 MARION CHADWICK USA 15:29.89
8 ROSE STEWARD USA 17:24.94

WOMEN -- 75-79 -- 50 M. FREE

1 NANCY CLARK USA 45.81
2 RUTH HOFFMANN GER 46.69
3 MARGARET NAGLE USA 49.16
4 JEAN CHENAUX PUR 54.05
5 VICKEE SULLIVAN USA 54.72
6 NELLA GAMENARA ITA 54.75
7 SHIGEKU UCHIDA JPN 56.56
8 BETH HANKS USA 1:07.36
9 BUZ CATLIN USA 1:09.78
10 ESTHER AYALA ARG 1:09.87
11 PAULINE DITTMAN USA 1:20.53
12 MILLIE MCCREE USA 1:26.44

WOMEN -- 75-79 -- 100 M. FREE

1 AUDREY ETIENNE USA 1:44.01
2 NANCY CLARK USA 1:46.33
3 MARGARET NAGLE USA 1:55.45
4 RUTH HOFFMANN GER 1:57.67
5 JEAN CHENAUX PUR 1:59.71
6 M.HARNISCH GER 2:05.86
7 VICKEE SULLIVAN USA 2:07.98
8 SHIGEKU UCHIDA JPN 2:10.92
9 IVY BROWNE USA 2:12.13
10 NELLA GAMENARA ITA 2:12.22
11 ESTHER AYALA ARG 2:29.39
12 LOIS ELLERT USA 2:33.02
13 BETH HANKS USA 2:36.31
14 PAULINE DITTMAN USA 2:58.55
15 MILLIE HUPP USA 3:00.69
16 MILLIE MCCREE USA 3:06.00
17 MARY SIEBOLD USA 3:10.09

WOMEN -- 75-79 -- 200 M. FREE

1 AUDREY ETIENNE USA 3:54.32
2 MARGARET NAGLE USA 4:18.02
3 JEAN CHENAUX PUR 4:23.51
4 IVY BROWNE USA 4:38.43
5 NELLA GAMENARA ITA 4:54.07
6 MILLIE HUPP USA 6:06.03
7 PAULINE DITTMAN USA 7:03.06

WOMEN -- 75-79 -- 400 M. FREE

1 AUDREY ETIENNE USA 8:12.41
2 MARIA LENK BRA 8:26.17
3 JEAN CHENAUX PUR 8:52.03
4 NELLA GAMENARA ITA 10:11.81
5 LOIS ELLERT USA 10:59.24

6 PAULINE DITTMAN USA 13:33.11
7 MILLIE MCCREE USA 13:36.80
8 MILLIE HUPP USA 13:40.11

WOMEN -- 75-79 -- 50 M. BACK

1 AUDREY ETIENNE USA 57.07
2 RUTH HOFFMANN GER 58.42
3 EDITH GLUSAC USA 58.45
4 MARGARET NAGLE USA 1:04.02
5 C.SPINDELNDREHER GER 1:04.05
6 GISELA REINSCH GER 1:07.08
7 M.SA DE VIEIRA BRA 1:13.00
8 VICKEE SULLIVAN USA 1:14.81
9 BETH HANKS USA 1:14.82
10 BUZ CATLIN USA 1:17.15
11 ESTHER AYALA ARG 1:28.27
12 MILLIE MCCREE USA 1:37.48
13 FLORENCE SMITH NZL 1:52.02

WOMEN -- 75-79 -- 100 M. BACK

1 MARIA LENK BRA 1:57.28
2 SALLY JOY USA 2:14.23
3 EDITH GLUSAC USA 2:16.08
4 RUTH HOFFMANN GER 2:19.06
5 IVY BROWNE USA 2:25.37
6 GISELA REINSCH GER 2:26.16
7 C.SPINDELNDREHER GER 2:32.16
8 LOIS ELLERT USA 2:35.31
9 VICKEE SULLIVAN USA 2:44.94
10 BUZ CATLIN USA 2:52.94
11 MILLIE HUPP USA 3:13.72
12 FLORENCE SMITH NZL 3:59.51

WOMEN -- 75-79 -- 200 M. BACK

1 MARIA LENK BRA 4:14.54
2 SALLY JOY USA 4:54.80
3 IVY BROWNE USA 5:04.50
4 LOIS ELLERT USA 5:23.60
5 M.SA DE VIEIRA BRA 5:43.40
6 HILDA BUEL USA 6:38.14
7 MILLIE HUPP USA 7:00.57
8 FLORENCE SMITH NZL 8:10.09

WOMEN -- 75-79 -- 50 M. BRST

1 SALLY JOY USA 1:01.90
2 C.SPINDELNDREHER GER 1:02.90
3 M.HARNISCH GER 1:03.04
4 GISELA REINSCH GER 1:05.68
5 EDITH GLUSAC USA 1:08.29
6 SHIGEKU UCHIDA JPN 1:16.07
7 ANNE WILDER USA 1:20.89
8 BETH HANKS USA 1:24.12
9 WIN KENNEDY USA 1:24.82
10 BUZ CATLIN USA 1:26.43
11 VICKEE SULLIVAN USA 1:29.10
12 MARY SIEBOLD USA 1:52.72
13 FLORENCE SMITH NZL 2:12.66

WOMEN -- 75-79 -- 100 M. BRST

1 SALLY JOY USA 2:20.89

2 M.HARNISCH GER 2:21.10
3 C.SPINDELNDREHER GER 2:23.93
4 GISELA REINSCH GER 2:27.02
5 EDITH GLUSAC USA 2:28.26
6 BUZ CATLIN USA 3:04.99
7 ANNE WILDER USA 3:06.26
8 MARY SIEBOLD USA 4:37.42
9 FLORENCE SMITH NZL 5:06.54

WOMEN -- 75-79 -- 200 M. BRST

1 KAY SCHIMPF USA 5:08.86
2 SALLY JOY USA 5:12.82
3 HILDA BUEL USA 6:34.19
4 MARY SIEBOLD USA 10:22.43
5 FLORENCE SMITH NZL 10:44.48

WOMEN -- 75-79 -- 50 M. FLY

1 MARIA LENK BRA 59.93
2 KAY SCHIMPF USA 1:02.86
3 ANNE WILDER USA 1:14.38
4 WIN KENNEDY USA 1:29.34
5 SHIGEKU UCHIDA JPN 1:31.17

WOMEN -- 75-79 -- 100 M. FLY

1 KAY SCHIMPF USA 2:29.49
2 ANNE WILDER USA 2:52.77

WOMEN -- 75-79 -- 200 M. FLY

1 ANNE WILDER USA 5:59.57
2 KAY SCHIMPF USA 6:00.62
3 HILDA BUEL USA 7:06.90

WOMEN -- 75-79 -- 200 M. I.M.

1 MARIA LENK BRA 4:34.06
2 KAY SCHIMPF USA 4:55.78
3 HILDA BUEL USA 6:19.65
4 WIN KENNEDY USA 6:25.41

WOMEN -- 75-79 -- 400 M. I.M.

1 KAY SCHIMPF USA 10:33.95
2 ANNE WILDER USA 12:19.94
3 HILDA BUEL USA 13:44.59

WOMEN -- 80-84 -- 50 M. FREE

1 JULIA DOLCE USA 51.66
2 EDITH HENDRY USA 1:05.22
3 SALLY RYCKMAN USA 1:07.34
4 IRENE HEDGES AUS 1:14.84
5 HEDY PULLMAN USA 1:16.06
6 M.GOTTSCALK GER 1:16.77
7 AYAKO TAKADA JPN 1:17.29

WOMEN -- 80-84 -- 100 M. FREE

1 JULIA DOLCE USA 2:02.07
2 EDITH HENDRY USA 2:42.49
3 AYAKO TAKADA JPN 3:00.35

SWIMMING RESULTS - WOMEN

WOMEN -- 80-84 -- 200 M. FREE

1 JULIA DOLCE USA 4:39.78
2 EDITH HENDRY USA 5:46.46
3 SALLY RYCKMAN USA 5:54.61
4 DOROTHY RIORDAN USA 6:03.09
5 AYAKO TAKADA JPN 6:25.72
6 HEDY PULLMAN USA 6:52.33

WOMEN -- 80-84 -- 400 M. FREE

1 JULIA DOLCE USA 10:02.50
2 AYAKO TAKADA JPN 14:19.37

WOMEN -- 80-84 -- 50 M. BACK

1 M.GOTTSCHALK GER 1:07.89
2 EDITH HENDRY USA 1:12.71
3 ELISE NACHTIGALL GER 1:13.81
4 IRENE HEDGES AUS 1:23.24
5 SALLY RYCKMAN USA 1:26.83
6 AYAKO TAKADA JPN 1:38.20

WOMEN -- 80-84 -- 100 M. BACK

1 JULIA DOLCE USA 2:31.45
2 EDITH HENDRY USA 2:46.58
3 HEDY PULLMAN USA 2:51.91

WOMEN -- 80-84 -- 200 M. BACK

1 EDITH HENDRY USA 6:17.48
2 IRENE HEDGES AUS 6:46.06

WOMEN -- 80-84 -- 50 M. BRST

1 M.GOTTSCHALK GER 1:13.44
2 ELISE NACHTIGALL GER 1:16.25
3 HILRE HOFMANN GER 1:18.96
4 SALLY RYCKMAN USA 1:42.51
5 IRENE HEDGES AUS 1:44.50

WOMEN -- 80-84 -- 100 M. BRST

1 M.GOTTSCHALK GER 2:46.16
2 ELSA MATTILA USA 2:51.06
3 IRENE HEDGES AUS 4:04.03

WOMEN -- 80-84 -- 200 M. BRST

1 ELSA MATTILA USA 5:57.66
2 DOROTHY RIORDAN USA 7:58.76
3 HEDY PULLMAN USA 8:14.46

WOMEN -- 80-84 -- 50 M. FLY

1 DOROTHY RIORDAN USA 2:01.51

WOMEN -- 80-84 -- 100 M. FLY

1 ELSA MATTILA USA 3:02.05

WOMEN -- 80-84 -- 200 M. FLY

1 ELSA MATTILA USA 6:22.38

WOMEN -- 80-84 -- 200 M. I.M.

1 ELSA MATTILA USA 5:37.82
2 DOROTHY RIORDAN USA 7:39.74

WOMEN -- 80-84 -- 400 M. I.M.

1 ELSA MATTILA USA 11:57.70

WOMEN -- 85-89 -- 50 M. FREE

1 AILEEN SOULE USA 59.47
2 MARIAN MCKECHNIE USA 1:15.86

WOMEN -- 85-89 -- 100 M. FREE

1 AILEEN SOULE USA 2:23.47
2 MARIAN MCKECHNIE USA 3:01.16

WOMEN -- 85-89 -- 200 M. FREE

1 AILEEN SOULE USA 5:24.53
2 MARIAN MCKECHNIE USA 6:35.53

WOMEN -- 85-89 -- 400 M. FREE

1 MARIAN MCKECHNIE USA 13:40.70

WOMEN -- 85-89 -- 50 M. BACK

1 AILEEN SOULE USA 58.68

WOMEN -- 85-89 -- 100 M. BACK

1 AILEEN SOULE USA 2:16.19
2 MARIAN MCKECHNIE USA 3:00.41

WOMEN -- 85-89 -- 200 M. BACK

1 AILEEN SOULE USA 4:57.37

SWIMMING RESULTS - RELAYS

MIXED -- 200 M. FREE 100-119

1	USF	USA	1:54.84
	MICHELLE YOUNG	TODD ROBINSON	
	DIANA ABEVE	MATT JONES	
2	SCMS	USA	2:01.15
	RODNEY MASON	ANNA MASON	
	JANE COUDRET	DEWEY WYATT	

MIXED -- 200 M. FREE 120-159

1	RMM	USA	1:47.38
	KATHY GARNIER	SHARON LAHEY	
	HOLDEN BANK	MICHAEL MANN	
2	SCSC	GBR	1:50.58
	GARY REES	SUSAN GOLDSWORTHY	
	ALYSON JONES	NIGEL GOLDSWORTHY	
3	RMM	USA	1:51.40
	LAURI NICHOLS	AMY KNOTT	
	JONATHAN MANN	CHUCK WOLFF	
4	GAKW	USA	1:51.79
	F.WILLIAMSON	TARYN GAULIEN	
	RIC JOHNSON	IGOR VAZHENIN	
5	BLS	USA	1:52.26
	JAMES MONTGOMERY	JANN BUTLER	
	VAL KERR-HAGUE	RICHARD HESS	
6	OHIO	USA	1:52.56
	LOU HORWITZ	ERIN BORDEN	
	JENNIFER SMITH	KARL KAZMAIER	
7	1776	USA	1:52.84
	STU MARVIN	ROBERT KROTEE	
	STEPHANIE WALSH	DEBORAH CAIN	
8	GISA	USA	1:53.35
	TRISCHA ZORN	JULIE BOAZ	
	RIC HOFSTETTER	BOB WOOD	
9	LINC	USA	1:57.66
	DAVE GIBSON	CYNTHIA JONES	
	MARY POHLMANN	KARL PAULIUS	
10	GOST	USA	1:58.15
	JOSEPH HOESS	BARBARA UIBLE	
	LORI NOSKOWIAK	JOE REINHARDT	
11	WPEN	USA	1:58.42
	GUMBY TROY	PAMELA SMEIGH	
	LAURIE ROBINSON	GREG SCHNEIDER	
12	ANV	MEX	2:01.16
	D.CANO DE MIER	EDNA LIORENS	
	CARLA SPINOLO	JORGE URRETA	
13	TXA	USA	2:02.68
	K.TREBESINER	DIXIE DEVRY	
	DAVID VANDAM	LARRY WOOD	

MIXED -- 200 M. FREE 160-199

1	RMM	USA	1:47.46
	CATHY DROZDA	JUDY REED	
	TOM WHATLEY	RICHARD ABRAHAMS	
2	OHIO	USA	1:56.65
	LEE EISINGER	JOANNE BOWSER	
	ROBIN KALMAN	HARRY GREENFIELD	
3	MINN	USA	2:00.15
	PETE MAGEE	VICKY SANDBERG	
	JUDITH ERICKSON	JOHN ZIEGENHAGEN	
4	ARIZ	USA	2:00.30
	BILL VOGLER	JUDY GILLIES	

5	JONELLE SCHMIDT	SCOTT SHAKE
	VMST	USA
	L.BENNETT-WILLIAM	JIM MILLER
	DAVID MALSBUY	JOHNNIE DETRICK
6	SPM	BRA
	B.SILVA BERTANI	S.NABUCO DE ABREU
	OSMAR SILVA	JOSE PEREIRA
7	MMSC	RUS
	Y.NOVITSKIY	ELENA SINITSINO
	N.MIKHAILOVA	JORI NIKOLSEV
8	SCH	GER
	INGE GUTSCHER	GERT FUCHS
	PETRA HAAS	KURT ROSEN
9	DCM	USA
	JOHN CLAVERT	JOANN LEILICH
	BARBARA FRID	ED KENNEHAN
10	NEUK	GER
	KLAUS MERTEN	PETER SENFTLEBEN
	RUTH STUBERT	BRIGITTE MERTEN
11	DADS	USA
	WILLIAM CERNY	KRIS WINGENROTH
	D.OGIER-POLLARD	JAMES CRANE
12	LINC	USA
	CAROL WILDER-TAMM	PATRICIA SCHENKEL
	DEWEY HOWELL	TED SOLTYS
13	GOST	USA
	JAY RYNO	PAT MALEY
	SUSAN BLOOMFIELD	THOMAS OLANDER
14	GISA	USA
	MELISSA KERKER	KAREN LODGE
	FRANCIS REED	JOHN FASTRICH
15	WPEN	USA
	MICHAEL CORDOVA	ROSANNA SIKORA
	PATRICIA RIEG	DAVID ROBINSON
16	1WK	NZL
	BEVERELY CORBETT	ALDO DI CESARE
	MARYANN TURBITT	NEALE SOPER
17	QWS	AUS
	ALAN INGLIS	PAM INGLIS
	JACQUIE ARCHIBALD	WILLIAM REES

MIXED -- 200 M. FREE 200-239

1	BSEN	HUN
	MAGDOLNA PATOH	ALADAR FILEP
	GIZELLA CSEKO	IMRE NYEKI
2	GISA	USA
	MARTY MENNEN	JEFF COOKE
	SHARON WISE	MARGIE HEINEMAN
3	LINC	USA
	RICHARD HANLEY	IRENE DAVID
	BETTY BENNETT	SAM KOOISTRA
4	FFC	BRA
	MARIA COSTA	RICARDO SIMI
	L.RAMOS MORAES	SYLVIO RIBEIRO
5	GOST	USA
	THOMAS TRIPP	ANN GUINS
	BEVERLY MYERS	YOSHI OYAWAKA
6	CONN	USA
	JAMES BAYLES	CHRISTIE SLIMAK
	DOROTHY DONNELLY	JACK GEOGHEGAN
7	PUS	FIN
	E.KIRJAVAINEN	SEIJA SKYTITA
	HELI PAALOISAZO	PEKKA LUNDBERG
8	SDSM	USA

SWIMMING RESULTS - RELAYS

BILL EARLEY	BETSY JORDAN	
JEANNE LITTLE	JOHN MILLER	
9 GKMS	USA	2:14.68
JEAN FOX	CHIP HASTINGS	
MOLLY MYERS	WILLIAM LAUER	
10 HLJ	USA	2:16.55
MARY ROEBUCK	JULIE SEARS	
ANDY SEARS	CARL THORNBURG	
11 GOST	USA	2:17.00
DIS HALL	CHRIS GILLIGAN	
CAROL HANEY	TOM HERR	
12 JNFL	JPN	2:17.52
MITSUO SAITO	MASAKO HOSHINO	
HIROKO HAYASHI	KAZUYA NISHINO	
13 VMST	USA	2:18.67
JAMES POPE	JUDY DECKER	
NANCY MILLER	FORREST SULLIVAN	
14 GISA	USA	2:20.62
CATHY BIRSFIELD	BARBARA LARSEN	
ROBERT BADGER	BUDDY COLLINS	
15 GISA	USA	2:20.62
CATHY BIRSFIELD	BARBARA LARSEN	
ROBERT BADGER	BUDDY COLLINS	
16 SCH	GER	2:23.62
PETRA TUCHEN	WALTER SCHOBER	
KASPAR BREUER	PATRICIA STEPHAN	
17 GKMS	USA	2:31.65
JUANITA WILLARD	BARBARA HANSEN	
WANG LAU	WILL ARTLEY	
18 OHIO	USA	2:39.13
RICHARD FRYLING	PRUDENCE HALL	
LUISE EASTON	JULIO APONTE	
19 RMM	USA	2:39.19
NANCY BRUEGGEMAN	KENT CARNEY	
MARSHALL LEE	A.HOTTINGER	
20 HLJ	USA	3:10.08
KEVIN KELLY	JOAN GLARATON	
CHRISTIAN ISELIN	MILLIE HUPP	

MIXED -- 200 M. FREE		240-279

1 LAM	USA	2:15.67
JACK MCCANN	DELLA SEHORN	
JAY CRADDOCK	CAROLYN BOAK	
2 SJKH	SWE	2:16.91
INGAR ERIKSSON	ARNE JUTNER	
MARIANNE GRANE	KERSTIN GJORES	
3 SNM	FRA	2:17.52
LUCIEN SPAGNOLI	M.ABIHSSIRA	
MAURICE LUSIEN	ODETTE LUSIEN	
4 NWG	AUS	2:18.29
PAMELA HUTCHINGS	PENNEY DUNN	
KEVIN VICKERY	ALLEN DUFTY	
5 HUMU	USA	2:25.74
PATRICIA KIMBALL	C.COSTELLO	
PETE OKUMOTO	MORRIS MATHEWS	
6 FFC	BRA	2:27.82
DOUGLAS ALPINO	CANDIDA GANDOLPHO	
MARCIA RIBEIRO	FLAVIO FIGUEIREDO	
7 SLM	USA	2:28.36
ARDETH MUELLER	CHERYL CORBETT	
ART KELLEY	ROBERT BLAKE	
8 GISA	USA	2:37.00
JOHN DILLEY	KATHY HOFSTETTER	
JOHN PATTEN	SHIRLEY SCOTT	

9 SLM	USA	2:41.16
ANNALOU CARRIER	THOMAS WEIR	
WILLIAM CANNON	CATHERIN KOHN	
10 ARIZ	USA	2:44.19
DANIEL GRUENDER	MARIAN WOLLE	
EDIE GRUENDER	JORDAN WOLLE	
11 DCM	USA	2:55.82
NICK OLMOS-LAU	ELSA MATTILA	
NANCY CLARK	ANTON GANEV	

MIXED -- 200 M. FREE		280-319

1 HLJ	USA	2:40.43
ROGER HOLMES	FLORENCE CARR	
WILLIAM GRANT	MARJORIE NEWMAN	
2 OHIO	USA	3:01.68
PAUL KRUP	MARY CULHANE	
SYLVIA HILL	ANTON CERER	
3 SPM	USA	3:05.14
BILL BOLVIE	WIN KENNEDY	
KAY SCHIMPF	KERMIT HOTVEDT	
4 FFC	BRA	3:05.85
M.SA DE VIEIRA	THOMAS RIBEIRO	
MARIA LENK	ARAM BOGHOSSIAN	
5 HLJ	USA	3:09.03
JACK BEATTIE	RACHEL ERWIN	
FRANK TILLOTSON	VICKEE SULLIVAN	
6 EVG	FRA	3:15.61
MAX AVENEL	COLETTE LEHOT	
JEAN LASNE	NICOLE LASNE	

MIXED -- 200 M. MEDLEY		100-119

1 WEMS	USA	2:17.94
ROBERT OETTINGER	M.OETTINGER	
JAMES LITTLEFIELD	CINDY MEIER	
2 USF	USA	2:18.07
ROBERT GIRVIN	AMY ALEXANDER	
MATT JONES	GAIL ROPER	

MIXED -- 200 M. MEDLEY		120-159

1 OCMT	USA	2:02.08
CAROLE MASSIE	JAMES LILLEY	
CHRISSY LAMBERT	ROWDY GAINES	
2 OHIO	USA	2:06.44
ERIN BORDEN	CRAIG DALLAM	
JENNIFER UEBELE	HARRY GREENFIELD	
3 RMM	USA	2:06.72
MICHAEL MANN	JONATHAN MANN	
LAURI NICHOLS	KATHY GARNIER	
4 GISA	USA	2:10.39
TRISCHA ZORN	JORDAN HATCH	
JEFF COOKE	MELISSA KERKER	
5 LINC	USA	2:11.20
RICK SCHACKLE	KARL PAULIUS	
RAE LYNN SMITH	MARGARET MORRIS	
6 KIWI	NZL	2:12.28
MARK HUFFMAN	GRAHAM DEVEY	
LEE HUFFMAN	VI HUFFMAN	
7 SPM	BRA	2:14.90
S.NABUCO DE ABREU	JOSE PEREIRA	
B.SILVA BERTANI	OSMAR SILVA	
8 ANV	MEX	2:18.29
JORGE URRETA	D.CANO DE MIER	

SWIMMING RESULTS - RELAYS

CARLA SPINOLO EDNA LLORENS

MIXED -- 200 M. MEDLEY 160-199

1	SPM	USA	2:02.86
	JUDY STEFANICK	A. HALTTUNEN	
	WILLIAM SPECHT	ANNE PAGE	
2	RMM	USA	2:04.92
	CATHY DROZDA	HOLDEN BANK	
	RICHARD ABRAHAMS	JUDY REED	
3	GISA	USA	2:06.94
	MARYANN STEVENS	RIC HOFSTETTER	
	JOE CONDON	SHARON WISE	
4	RMM	USA	2:08.18
	CHUCK WOLFF	TOM WHATLEY	
	KAREN HOGAN	MARCY BULLOCK	
5	LAKE	USA	2:08.52
	WILLIAM TINGLEY	A. WRIGHT-BELKNAP	
	JOHN NOLAN	MARY CURL	
6	SCH	GER	2:14.84
	KURT ROSEN	GERT FUCHS	
	PETRA HAAS	INGE GUTSCHER	
7	GAKW	USA	2:15.23
	REED FARRIS	WILLIAM ROBERTSON	
	F. WILLIAMSON	TARYN GAULIEN	
8	GOST	USA	2:21.08
	JAY RYNO	LAURA KESSLER	
	THOMAS OLANDER	SUSAN BLOOMFIELD	
9	GISA	USA	2:29.12
	KATHY HOFSTETTER	BEVERLY ARNOLD	
	JOHN FASTRICH	DOUGLAS CHURCH	
10	1WK	NZL	2:41.48
	BEVERLEY CORBETT	ALDO DI CESARE	
	MARYANN TURBITT	NEALE SOPER	

MIXED -- 200 M. MEDLEY 200-239

1	BSEN	HUN	2:15.65
	IMRE NYEKI	PETER BALASY	
	MARTA EGERVARY	MAGDOLNA PATOH	
2	LINC	USA	2:18.89
	BETTY BENNETT	BILL MULLIKEN	
	IRENE DAVID	SAM KOOISTRA	
3	CONN	USA	2:21.49
	JACK GEOGHEGAN	KATHERINE BRANCH	
	MIKE LAUX	DOROTHY DONNELLY	
4	FFC	BRA	2:21.66
	MARIA COSTA	ANTONIO ORSELLI	
	RICARDO SIMI	L. RAMOS MORAES	
5	SPM	USA	2:21.94
	THOMAS SMITH	PETER BETZER	
	JAYNE LAMBKE	TERRI HOPPENRATH	
6	PUS	FIN	2:25.89
	PEKKA LUNDBERG	LIVSA LAAKSO	
	E. KIRJAVAINEN	HELI PAALOSAZO	
7	GISA	USA	2:27.06
	MARTY MENNEN	JULIE BOAZ	
	ROBERT BADGER	MARGIE HEINEMAN	
8	SDSM	USA	2:27.14
	BETSY JORDAN	PETER RIDDLE	
	JOHN MILLER	JEANNE LITTLE	
9	NEUK	GER	2:27.83
	KLAUS MERTEN	MONIKA SENFTLEBEN	
	HEIDI KAMPSCHULTE	PETER SENFTLEBEN	
10	GOST	USA	2:29.07

ANN GUINS	JOHN MEDICI
KEITH CARTER	SARA SACHS
11 NWG	AUS 2:35.43
BIDDY HALL	VIRGINIA HEAD
BRIAN HAYES	PETER BENT
12 GOST	USA 2:48.08
ROBERT KOENIG	CAROL HANEY
DONALD KROEGER	PAT MALEY
13 LAKE	USA 2:48.96
LARRY KEATON	CAROL FERGUSON
THEODORE WATHEN	MARY ANN STONE
14 RMM	USA 2:54.50
NANCY BRUEGGEMAN	DAVID PAISON
PAUL MCCORMICK	A. HOTTINGER
15 EVG	FRA 3:22.54
JEAN LASNE	NICOLE LASNE
MAX AVENEL	COLETTE LEHOT

MIXED -- 200 M. MEDLEY 240-279

1 1776	USA 2:33.44
ROGER FRANKS	NORMAN GARSOE
STEPHANIE WALSH	JEAN TROY
2 LAM	USA 2:33.70
DELLA SEHORN	JOHN RICHARDS
CAROLYN BOAK	HUGH RICHARDS
3 CNM	FRA 2:34.49
B. BARRAU-AUDRY	ODETTE LUSIEN
MAURICE LUSIEN	LUCIEN SPAGNOLI
4 FFC	BRA 2:40.00
MARCIA RIBEIRO	CANDIDA GANDOLPHO
SYLVIO RIBEIRO	ARAM BOGHOSSIAN
5 NWG	AUS 2:42.19
PAM HUTCHINGS	PENNEY DUNN
KEVIN VICKERY	ALLEN DUFTY
6 SJKH	SWE 2:46.49
KERSTIN GJORES	LENNART INGMO
INGVARERIKSSON	MARIANNE GRANE
7 1776	USA 2:47.57
MARIA YUNGEL	GEORGE MELICK
HAROLD BEGEL	BARBARA JOHNSON
8 HUMU	USA 2:52.22
PATRICIA KIMBALL	AILEEN SOULE
PETE OKUMOTO	MORRIS MATHEWS
9 OHIO	USA 2:54.12
JOHN DAILY	LILLY KRON
PAUL CRAGO	BETTY JANE RUSS
10 JNFL	JPN 2:55.02
MASAKO HOSHINO	ISAO IKEGAMI
HIRONARI VEDA	HIROKO HAYASHI
11 RMM	USA 3:03.93
LOUISE MANN	PEGGY BUCHANNAN
BILL ABBOTT	BEANS YAMAMOTO
12 OHIO	USA 3:06.64
LUISE EASTON	ANTON CERER
RICHARD FRYLING	PRUDENCE HALL
13 LINC	USA 3:14.83
WAYNE LEENGRAN	HANNELORE SNYDER
DAVID MULLIKEN	CLARA SOTAK

MIXED -- 200 M. MEDLEY 280-319

1 BSVM	GER 3:05.96
JOSEF PREINER	EVA MISCHKE
EDITH BOEHM	HEINZ SIEGEL



FEDERATION INTERNATIONALE
DE NATATION
FOUNDED IN 1908

IV FINA WORLD MASTERS CHAMPIONSHIPS – INDIANAPOLIS USA - JUNE 25-JULY 5 1992

SWIMMING RESULTS - RELAYS

2	SPM	USA	3:34.38
	BILL MOLVIE	ABRASHA BRAININ	
	KAY SCHIMPF	WIN KENNEDY	
3	HLJ	USA	3:34.87
	MARJORIE NEWMAN	FRANK TILLOTSON	
	ROGERS HOLMES	ERWIN RACHEL	

OPEN WATER

WOMEN - 25-29

1	Jennifer Smith	USA	25	1:08:17.0
2	Conny Bleul	GBR	26	1:10:01.4
3	Marcia Cleaveland	USA	28	1:11:13.7
4	Diana Abele	USA	27	1:12:14.7
5	Barbara Kolitsh	USA	25	1:19:58.6
6	Gillian Burriack	USA	29	1:22:02.6
7	Susanne Molenwijk	USA	26	1:24:08.2
8	Marina Borraccia	USA	27	1:24:16.6
9	Elen Blank	USA	26	1:42:16.4
10	Chris Sorensen	USA	28	1:45:45.5

WOMEN - 30-34

1	Lynn Marshall	CAN	31	1:02:51.8
2	Marguerite Meyer	USA	33	1:10:07.9
3	Lisa Roberts	USA	33	1:16:26.3
4	Sarah Hrdmada	USA	31	1:19:34.1
5	Nanci Sirois	USA	34	1:20:21.3
6	Lori Moore-Heidrich	USA	30	1:24:59.1
7	Pamela Smeigh	USA	31	1:25:56.8
8	R. Silva-Andrade	BRA	32	1:29:02.5
9	Joan Gamso	USA	34	1:30:38.6
10	Elizabeth Kenyon	HKG	31	1:31:53.3
11	Cathy Watson	USA	32	1:39:30.6
12	Kathy Woolen	USA	34	1:55:23.0

WOMEN - 35-39

1	Luanne Beinke	USA	38	1:11:39.7
2	Kris Wingenroth	USA	38	1:15:32.3
3	Rosanna Sikora	USA	36	1:18:59.2
4	Pam Geiger	USA	39	1:19:34.8
5	Jill Vanderfleet	USA	37	1:23:25.6
6	Shannon Sullivan	USA	38	1:24:52.6
7	Desire Dalia	USA	37	1:32:08.0
8	Cindy Hauber	USA	38	1:32:36.1
9	Patricia Bayers	USA	37	1:36:27.8
10	Lou Coronos	USA	37	1:43:12.9
11	Janet Featherstone	USA	39	1:49:26.6

WOMEN - 40-44

1	Shirley Loftus	USA	40	1:13:10.0
2	Mireille Richter	SUI	43	1:15:31.4
3	Sherry Kittrell	USA	40	1:15:46.1
4	Gwen Deely	USA	42	1:16:40.4
5	Molly Myers	USA	43	1:18:01.8
6	Cheryl Blay	CAN	41	1:21:54.1
7	Catherine Quill	USA	42	1:24:10.5
8	Joan Dierdks	USA	44	1:27:04.9
9	Phyllis Springer	USA	43	1:28:49.2
10	Liz Mitchell	AUS	42	1:29:40.3
11	Lynette Mccullough	USA	40	1:39:18.1
12	Linda Terry	USA	44	1:40:48.2
13	Solveig Gruber	GER	41	1:43:49.6
14	Kathy Curtis	USA	43	1:49:41.8
15	Lina Gravel	CAN	44	1:50:29.7
16	Margaret Pratt	CAN	41	1:53:00.7
17	Chizuko Okamura	JPN	44	1:59:26.2
18	Miyako Nakamura	JPN	44	2:03:39.8
19	Hsu Kuei-Yueh	TPE	42	2:06:03.6

20	Linda Larson-Prior	USA	42	2:07:07.3
21	Susan Rockafellow	USA	44	2:09:48.3

WOMEN - 45-49

1	Sonnie Talley	USA	45	1:19:07.1
2	Nancy Croteau	USA	47	1:32:56.4
3	Pat-White Maley	USA	48	1:33:51.5
4	Lynette Hynes	USA	47	1:41:22.7
5	Maureen Koss	USA	49	1:43:58.9
6	Liz Burch	AUS	47	1:50:06.3
7	Carol Lacasse	USA	47	1:56:19.0
8	Hazel Wilton	AUS	46	1:56:26.8
9	L. Ler-Laak-Braun	GER	49	1:57:58.8
10	Maryjo Lowe	USA	49	2:02:29.3
11	Kayoko Takenaga	JPN	48	2:18:12.9
12	Reine Goillot	VEN	46	2:22:52.4

WOMEN - 50-54

1	Judith Van-Berkel	NED	50	1:19:49.9
2	Susan Bradley-Cox	USA	54	1:28:10.8
3	Virginia Head	AUS	50	1:37:23.7
4	Gill Tregenna	RSA	50	1:37:29.7
5	Sandy Etnyre	USA	50	1:39:30.5
6	Lynn Higgins	USA	51	1:48:40.8
7	Luise Easton	USA	53	1:50:04.9
8	Biddy Hall	AUS	53	1:53:58.8
9	Susan Garratt	USA	54	1:54:18.7
10	Kathy Ratray	CAN	52	2:01:48.4

WOMEN - 55-59

1	Marlene Mendes	BRA	58	1:33:05.5
2	Lottie Geurts	NED	56	1:33:23.3
3	Beth Whittall	CAN	56	1:37:03.6
4	Elizabet Moore	USA	58	1:40:55.1
5	A.Devos-Vangeruen	NED	58	1:43:27.7
6	Jessis Callebaut	BEL	59	1:47:34.9
7	Annie Atwood	USA	57	1:54:47.3
8	Beverly Tucker	USA	57	1:56:04.1

WOMEN - 60-64

1	Gail Roper	USA	63	1:39:02.0
2	Annmarie Gernandt	USA	62	1:52:43.5
3	Erika Lange	GER	63	1:54:00.1
4	Marian Wolle	USA	64	2:01:45.1
5	Stefanena Kysor	USA	63	2:07:46.3

WOMEN - 65-69

1	Charlotte Costello	USA	69	1:46:32.4
2	Margery Meyer	USA	69	1:49:33.5
3	Cecile Gosselin	CAN	66	2:08:12.3
4	Carol Knepp	USA	67	2:31:19.9

WOMEN - 70-74

1	Marion Chadwick	USA	70	2:28:45.0
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OPEN WATER

MEN - 25-29

1	Gerry Rodrigues	USA	29	1:03:00.0
2	Clark Campbell	USA	26	1:05:44.8
3	Benoit Vassent	FRA	29	1:08:29.9
4	Mario Pinto	VEN	26	1:09:05.4
5	Todd Briggs	USA	29	1:10:16.2
6	Robert Landriault	CAN	26	1:10:21.9
7	Joseph Shelan	USA	29	1:10:32.7
8	Olaf Chalmers	USA	28	1:12:56.3
9	Mark Woodard	USA	25	1:14:18.5
10	James Peters	USA	28	1:14:51.5
11	Thomas Davis	USA	25	1:22:32.8
12	Hideyuki Katoh	JPN	29	1:23:18.5
13	Delph Gustitus	USA	29	1:27:17.7
14	John Grant	USA	29	1:29:08.8
15	Juan-Pablo Rios	MEX	28	1:48:29.1

MEN - 30-34

1	Robert Hudek	USA	30	1:03:01.4
2	Eddie Freyhoff	GER	33	1:05:04.9
3	James Barber	USA	32	1:05:35.4
4	Lucky Meisenheimer	USA	34	1:06:00.1
5	Dan Goerke	USA	33	1:06:05.8
6	Thomas Keating	USA	31	1:08:45.4
7	Robert Madden	USA	34	1:10:45.1
8	Bryan Boggs	USA	30	1:10:46.2
9	Michael Wood	USA	30	1:11:15.1
10	Ron Phaff	NZL	30	1:14:20.0
11	A. Oehlschlaegel	GER	33	1:15:31.9
12	Su Chien-Ming	TPE	32	1:15:59.3
13	Robin Prins	NZL	30	1:16:48.3
14	Gary Wilson	USA	33	1:24:15.9
15	Jorge Rodriguez	CAN	32	1:26:47.1
16	Carl Macuiba	USA	32	1:27:25.6
17	Jerome Christian	USA	34	1:30:58.7
18	Andrew Dixon	USA	34	1:38:52.6
19	Andre Pantekoek	NED	33	1:52:45.2
20	William Young	USA	32	2:01:15.2

MEN - 35-39

1	Tim Harvey	USA	37	1:05:12.2
2	Michael Flaherty	USA	35	1:08:48.2
3	John Hobson	USA	37	1:08:50.3
4	Marty Veen	NZL	36	1:09:13.7
5	Bill Keating	USA	38	1:10:15.1
6	Richard Jordan	USA	38	1:10:24.8
7	Scott Coleman	USA	38	1:11:51.9
8	Ivan Cegan	CZE	38	1:12:39.3
9	Jan Huneke	USA	38	1:14:21.4
10	Nick Kesslering	USA	39	1:14:53.1
11	Bob Dickson	USA	36	1:16:57.4
12	Dan Striebel	USA	38	1:17:54.3
13	Juan Abraham	USA	35	1:18:35.7
14	Richard Hager	AUS	36	1:19:53.2
15	Rob McCartney	AUS	39	1:21:36.3
16	Bob Mcfall	USA	35	1:23:36.4
17	Martin Mooney	NZL	35	1:23:47.9
18	Petr Dastlik	CZE	39	1:25:09.3
19	Gary Abbate	USA	37	1:26:14.8
20	Gary Jackson	USA	38	1:36:02.6
21	John Hoover	USA	37	1:36:33.2

22	John May	USA	39	1:37:24.3
23	Clive Lewis	GBR	35	1:45:07.8
24	Neale Soper	NZL	38	1:48:17.5

MEN - 40-44

1	Lorenzo Marugo	ITA	40	1:05:06.2
2	Leo French	USA	44	1:07:52.2
3	David Tanner	USA	42	1:07:52.3
4	John Noland	USA	43	1:07:57.2
5	William Cerny	USA	44	1:08:04.7
6	Robert Strauss	USA	40	1:08:12.4
7	David Tanaglia	USA	40	1:08:50.8
8	Rick Walton	USA	40	1:09:03.7
9	David Owen	USA	40	1:10:29.6
10	John Osterloh	USA	43	1:10:34.4
11	Neil Hickey	AUS	41	1:10:41.9
12	Gaard Arneson	USA	44	1:10:47.1
13	Terry Laughlin	USA	41	1:10:55.0
14	Khan Mosharraf	BAN	42	1:11:44.4
15	John Shrum	USA	43	1:11:50.1
16	Bill Kloppe	USA	40	1:12:39.6
17	Dusan Mokris	USA	41	1:12:56.1
18	Graham Annear	AUS	41	1:16:12.6
19	Ivan Myall	GBR	44	1:16:33.6
20	Joel Greenberg	USA	42	1:17:13.9
21	Michael Shuck	USA	43	1:17:56.4
22	Robert Sautters	USA	40	1:18:20.4
23	Richard Fortune	USA	44	1:19:16.5
24	Arthur Deffaa	USA	43	1:20:31.9
25	Ronald Schilling	USA	40	1:22:09.3
26	Edward Mahoney	USA	44	1:23:28.3
27	Lee Gustavson	USA	40	1:25:57.3
28	Reginold Kramer	USA	40	1:27:12.2
29	Thomas Moyer	USA	44	1:27:32.0
30	Daniel Levi	ARG	41	1:29:14.0
31	Donald Dotlich	USA	43	1:30:55.4
32	John Ferrari	USA	42	1:34:30.6
33	Richard Ferro	USA	43	1:43:26.0
34	Bob James	AUS	43	1:47:51.9
35	Roald Budz	USA	44	1:52:20.2
36	Arturo Aguirre	USA	41	2:04:27.7
37	Marcle Simard	CAN	40	2:09:35.7

MEN - 45-49

1	Donald Uytenbogaart	NED	45	1:07:13.3
2	Richard Hart	USA	45	1:08:59.9
3	Mike Garibaldi	USA	46	1:12:12.1
4	Harry Wickens	USA	48	1:13:52.9
5	Kevin Kelly	USA	49	1:15:58.0
6	Gavril Morariu	ROM	46	1:16:01.5
7	Melvin Smith	USA	49	1:18:19.0
8	John Morrison	AUS	48	1:19:16.6
9	Ronald Burns	CAN	48	1:19:47.5
10	Rob Hanou	NED	48	1:20:37.1
11	Vince Herring	USA	49	1:20:53.0
12	Charles Malta	USA	45	1:21:45.3
13	Jacques Herskovic	BRA	47	1:22:04.6
14	Juha Parviainen	FIN	47	1:22:40.9
15	Marco Patino	MEX	46	1:26:41.0
16	Thomas Hunt	USA	45	1:27:10.7
17	Don Whitely	USA	47	1:27:19.3
18	Donald Kroeger	USA	48	1:28:33.1
19	Michael Boden	USA	48	1:29:48.2

OPEN WATER

20	Neil Rayner	NZL	47	1:29:51.7
21	Mark Barnhart	USA	46	1:30:35.3
22	David Cannon	USA	49	1:33:26.5
23	Claus Franke	GER	46	1:36:58.8
24	Nick Olmos-Lau	USA	46	1:41:32.7
25	Julio Aponte	USA	47	1:42:46.4
26	Kenneth Heuck	USA	48	1:50:27.3
27	John Howland	USA	49	1:57:55.1
28	Frank Iannuzzi	USA	48	2:06:02.5
29	Donald Kuyper	USA	49	2:13:11.0

MEN - 50-54

1	Alan Somers	USA	50	1:14:00.3
2	Nic Geers	NED	53	1:14:42.1
3	David Harrison	USA	54	1:19:33.2
4	Robert Tesch	USA	51	1:19:39.1
5	Max Zeller	SUI	53	1:22:33.4
6	George Quigley	USA	51	1:22:53.4
7	Ben Franklin	USA	50	1:24:04.6
8	Chip Hastings	USA	51	1:24:46.9
9	Derek Fyfe	RSA	51	1:26:43.8
10	Chris Stack	USA	51	1:29:54.6
11	Phillip Hellmuth	USA	54	1:32:48.8
12	Albert Morley	USA	54	1:35:29.3
13	Akira Hoshino	JPN	54	1:38:36.9
14	Luis Defeo	USA	52	1:38:54.2
15	Steve Moseley	USA	54	1:42:16.2
16	Antonio Branco	BRA	52	1:57:37.4
17	Timothy Dwan	USA	50	1:59:32.7
18	Trevor Anderson	AUS	53	2:04:18.2

MEN - 55-59

1	Charles Lebourgeois	USA	58	1:19:27.2
2	Hans Lindstrom	SWE	55	1:19:43.8
3	George Brunstad	USA	57	1:24:06.9
4	Goro Takahashi	JPN	55	1:24:59.6
5	Elmer Egelfraut	USA	58	1:27:58.8
6	Stephen Mullins	USA	59	1:30:43.7
7	Richard Cooke	USA	56	1:34:36.5
8	James Garvin	USA	57	1:37:23.6
9	Barry Fasbender	USA	55	1:38:18.9
10	Jimmy Goldman	USA	55	1:41:14.9
11	Richard Chisholm	USA	57	1:41:55.5
12	Vere Lawrence	BAR	59	1:44:07.5
13	Dieter Haug	SWE	55	1:44:42.3
14	Leo Algminas	USA	57	1:47:59.2

MEN - 60-64

1	Eric Youngquist	USA	64	1:26:21.2
2	Peter Buckley	USA	61	1:27:57.2
3	Bob Beach	USA	61	1:28:46.9
4	Gabriel Guiho	FRA	62	1:29:05.5
5	Sidney Salek	NZL	62	1:30:55.3
6	Wayne Leengran	USA	61	1:33:17.4
7	Allen Dufty	AUS	62	1:37:34.5
8	Galiana Asensi	ESP	64	1:39:23.4
9	Hank Stout	USA	61	1:41:51.8
10	Jordan Wolle	USA	64	1:42:59.3
11	Tsutae Komatsu	JPN	62	1:49:27.1
12	William Cannon	USA	61	1:51:05.7
13	Ross Barr	USA	63	1:52:29.4

14	Partick Quinn	USA	61	1:59:35.4
15	Charles Larson	USA	60	2:13:57.4

MEN - 65-69

1	Morris Mathews	USA	65	1:34:49.7
2	Emanuele Delpino	ITA	65	1:37:58.5
3	Kevin Vickery	AUS	68	1:38:04.8
4	Robert Blake	USA	67	1:41:09.5
5	Don Konten	USA	65	1:41:38.6
6	Ted Willson	USA	65	1:44:53.5
7	Glynn Jones	USA	67	1:47:01.7
8	Elliott Schofield	USA	69	1:47:12.9
9	Tom Brereton	USA	67	1:50:03.1
10	Charles Schaffstall	USA	66	2:03:54.7

MEN - 70-74

1	David Mulliken	USA	73	1:37:48.2
2	Jerry Jarrold	USA	70	1:40:27.9
3	Vladimir Smiryagin	RUS	71	1:57:17.4
4	O. Macedo-C-Rego	ARG	70	2:04:39.9
5	Manabu Ochi	JPN	70	2:14:26.8
6	Lennart Ingmo	SWE	72	2:23:50.0
7	Jorge Bello	ARG	73	2:27:55.5

MEN - 75-79

1	Gary Weisenthal	USA	78	1:57:54.2
2	Edward Nakamura	USA	76	2:08:44.6
3	Eugene Lehman	CAN	79	2:21:20.5
4	Roman Jezek	CAN	78	2:26:49.4