

SWIMMING RESULTS - MEN

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

1	ROBERT PLACAK	USA	24.16
2	JOHN TUDOR	USA	24.21
3	MARK MORGAN	AUS	24.44
4	GRAHAM WELBOURN	CAN	24.60
5	STUART MEARES	AUS	25.23
6	WILLIAM YOUNGER	USA	25.32
7	WARREN POTTENGER	USA	26.55
8	KATSUHIRO SAKAI	JPN	26.66
9	REX HARDING	NZL	26.87
10	BRADLEY ROYALL	AUS	27.17
11	IAN WAITE	NZL	27.41
12	YASUNORI SUGANO	JPN	27.60
13	MASANORI AOKI	JPN	27.99
14	HIROSHI KIMURA	JPN	28.43
15	RANDY FURUDERA	USA	28.62
16	JUNICHI WATANABE	JPN	28.71
17	DANNY MEISELS	AUS	28.73
18	ATSUSHI SUEDA	JPN	28.88
19	KAZUKI TOSA	JPN	28.94
20	TOSHIO NAKAMURA	JPN	29.08
21	EDUARDO MACHADO	BRA	29.11
22	HIDEO AOYAGI	JPN	29.19
23	HIROSHIGE EBISU	JPN	29.41
24	HIKARU MACHIDA	JPN	29.47
25	TAKUJI KATAOKA	JPN	29.50
26	YOSHIO SHIN	JPN	29.52
27	EDOARDO RUSSO	BRA	29.67
28	EIICHIROH SHINSHI	JPN	29.90
29	KENJI TAKAYANAGI	JPN	29.97
30	HIDEKAZU NAKAMURA	JPN	30.05
31	MASAOKI TARUSAWA	JPN	30.06
32	TAKAO OIKAWA	JPN	30.08
32	SHOICHI INOUE	JPN	30.08
34	HIROSHI OOISHI	JPN	30.23
34	KATSUYA KAWASAKI	JPN	30.23
36	ATSUSHI TADA	JPN	30.29
37	AKIO KUSUMI	JPN	30.36
38	TETSUYA MIYAHARA	JPN	30.50
39	MASAYA KAWAJI	JPN	30.52
40	YASUNORI KAWANO	JPN	30.55
41	AKIHIRO TANAKA	JPN	30.87
42	HIROMI INAMURA	JPN	30.88
43	KAZUYOSHI ARAKI	JPN	31.04
44	KAZUO SONOBE	JPN	31.49
45	JOAO ALVES	BRA	31.84
46	HIROSHI KANOH	JPN	31.93
47	SYOICHI SUGIMOTO	JPN	32.17
48	MINORU KANEDA	JPN	32.28
49	MASAO MIDORIKAWA	JPN	32.36
50	YOSHIROH NAGAYAMA	JPN	32.48
51	SHINICHI NOMURA	JPN	32.67
52	TOSHISABUROU MARU	JPN	33.04
53	TAKUYA SUWABE	JPN	33.53
53	T. KAWAMURA	JPN	33.53
55	NOBUYUKI OONUMA	JPN	34.08
56	TAKASHI OOTSUKA	JPN	34.15
57	MASAOKI OYAMA	JPN	35.05
58	HIRONORI HIROSAWA	JPN	35.17
59	MICHIHARU NAGOH	JPN	35.36
60	HIROSHI KAWAMURA	JPN	35.38
61	KIYOSHI MIYAIRI	JPN	35.93
62	YASUSHI ISHIDA	JPN	38.00
63	YOSHIMARU MINOURA	JPN	38.56
64	ATSUHISA WADA	JPN	41.74

65 GARRY HARDIE AUS 42.14
66 YASUTAKA SAKURAI JPN 50.79
67 TATHUROU SAKURAI JPN 50.99
68 RALPH BROKOP CAN 52.57

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

1	MARK MORGAN	AUS	53.45
2	JOHN TUDOR	USA	53.84
3	GRAHAM WELBOURN	CAN	54.01
4	ROBERT PLACAK	USA	54.50
5	STUART MEARES	AUS	55.47
6	KATSUHIRO SAKAI	JPN	58.42
7	SVEIN SANDOY	NZL	59.30
8	DAVID MAINPRIZE	CAN	59.47
9	MICHIO EGAMI	JPN	59.48
10	REX HARDING	NZL	59.57
11	WARREN POTTENGER	USA	59.66
12	M. MATSUMOTO	JPN	1:00.09
13	TOSHIYUKI MASUDA	JPN	1:00.30
14	TOORU ICHIKAWA	JPN	1:00.82
15	EDWARD OPALACH	USA	1:01.57
16	TAKAYUKI INOUE	JPN	1:01.86
17	HAJIME YONEYAMA	JPN	1:02.00
18	SHUJI ONO	JPN	1:02.63
19	MICHAEL JOHNSON	USA	1:03.66
20	MICHAEL WOOD	AUS	1:03.82
21	HIROSHI KIMURA	JPN	1:05.22
22	YOHICHI NAKAMURA	JPN	1:05.49
23	YOSHIIKO TOCHIO	JPN	1:05.86
24	GEORGE NOVINGER	USA	1:06.56
25	RANDY FURUDERA	USA	1:06.99
26	KAZUNORI IKEUCHI	JPN	1:07.19
27	DANNY MEISELS	AUS	1:07.41
28	T. KOISHIKAWA	JPN	1:07.80
29	YOSHIO SHIN	JPN	1:08.13
30	MASAOKI TARUSAWA	JPN	1:08.96
31	SHOICHI INOUE	JPN	1:09.41
32	ATSUHIKO HADA	JPN	1:09.50
33	AKIO KUSUMI	JPN	1:10.44
34	IZUMI MIYASAKA	JPN	1:10.47
35	AKIHIRO TANAKA	JPN	1:11.08
36	WATARU HASHIMOTO	JPN	1:11.28
37	KATSUYA KAWASAKI	JPN	1:11.76
38	FUMIO FUJISAWA	JPN	1:14.46
39	TETSUJI KAGEYAMA	JPN	1:14.92
40	MASAO MIDORIKAWA	JPN	1:15.54
41	TAKUYA SUWABE	JPN	1:18.08
42	NAOYA MATSUMOTO	JPN	1:19.85
43	KAZUHIKO YANO	JPN	1:22.16
44	T. KAWAMURA	JPN	1:24.46
45	NAOKAZU KANI	JPN	1:24.96
46	GERARD UMINSKI	AUS	1:25.11
47	MASAOKI OYAMA	JPN	1:26.76
48	YUICHI FUSEDA	JPN	1:30.07
49	KOICHI YAMAMOTO	JPN	1:32.70
50	GARRY HARDIE	AUS	1:47.00
51	HIROYUKI TANAKA	JPN	1:59.25

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

1	GRAHAM WELBOURN	CAN	1:58.95
2	MARK HEINRICH	USA	2:00.87
3	JOHN TUDOR	USA	2:00.96
4	STUART MEARES	AUS	2:04.66
5	DAN GOERKE	USA	2:07.74
6	DIAZGONZALEZ OMAR	MEX	2:09.41

7	REX HARDING	NZL	2:10.97
8	DAVID MAINPRIZE	CAN	2:13.29
9	AKIRA TSUHARA	JPN	2:13.38
10	YOSHIHIRO YAMADA	JPN	2:15.01
11	IAN WAITE	NZL	2:15.59
12	EDWARD OPALACH	USA	2:15.78
13	MICHAEL JOHNSON	USA	2:18.20
14	WARREN POTTENGER	USA	2:19.47
15	HAJIME YOMEYAMA	JPN	2:21.07
16	KUNIMASA KASHIKI	JPN	2:23.75
17	DAVID TONEY	USA	2:24.42
18	MARTIN MOONEY	NZL	2:25.85
19	MICHAEL WOOD	AUS	2:26.40
20	AKINORI NETSU	JPN	2:29.04
21	KENJI TANAKA	JPN	2:36.73
22	KAZUNORI IKEUCHI	JPN	2:37.96
23	SEIKI OKUTANI	JPN	2:42.23
24	AKIO KONMORI	JPN	2:42.86
25	K. FUKUNAGA	JPN	2:44.12
26	KENICHI MUNAKATA	JPN	2:44.29
27	TADASHI HAENO	JPN	2:44.43
28	YASUHIRO IRIE	JPN	2:50.30
29	AKIO KUSUMI	JPN	2:50.71
30	IZUMI MIYASAKA	JPN	2:54.00
31	SHINICHI KATOH	JPN	3:00.34
32	TAKAFUMI SHIMADA	JPN	3:12.36
33	GERARD UMINSKI	AUS	3:14.97
34	NAOKAZU KANI	JPN	3:18.34
35	YOSHINORI BOHSAKO	JPN	3:19.60
36	SHIGEYUKI TANAKA	JPN	3:36.82
37	GARRY HARDIE	AUS	4:14.64

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

1	MARK HEINRICH	USA	4:19.70
2	STUART MEARES	AUS	4:26.41
3	DAN GOERKE	USA	4:34.23
4	DIAZGONZALEZ OMAR	MEX	4:37.62
5	REX HARDING	NZL	4:43.28
6	EDWARD OPALACH	USA	4:46.74
7	MICHIO EGAMI	JPN	4:52.94
8	AKIRA TSUHARA	JPN	4:53.44
9	TOSHIYUKI MASUDA	JPN	4:58.68
10	MICHAEL JOHNSON	USA	4:59.24
11	IAN WAITE	NZL	5:01.70
12	DAVID TONEY	USA	5:08.14
13	HAJIME YOMEYAMA	JPN	5:12.41
14	AKIO KAGAWA	JPN	5:48.10
15	KAZUNORI IKEUCHI	JPN	5:54.70
16	YASUHIRO IRIE	JPN	6:33.27
17	HIDEKAZU NAKAMURA	JPN	6:41.20
18	GERARD UMINSKI	AUS	6:44.47

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

1	ROBERT PLACAK	USA	8:58.95
2	MARK HEINRICH	USA	9:08.15
3	DAN GOERKE	USA	9:22.18
4	DIAZGONZALEZ OMAR	MEX	9:35.45
5	GLEN CHRISTIANSEN	SWE	9:43.05
6	REX HARDING	NZL	10:05.12
7	MICHAEL JOHNSON	USA	10:22.73
8	AKIRA TSUHARA	JPN	10:24.71
9	IAN WAITE	NZL	10:37.97
10	DAVID TONEY	USA	10:48.30
11	MASANORI WATANABE	JPN	11:45.04
12	KAZUO HIWATARI	JPN	13:51.98

SWIMMING RESULTS - MEN

13 KAZUHIKO YANO JPN 14:16.57
14 HIROSHI KAWAMURA JPN 17:41.69
15 IKUMASA MAEDA JPN 19:17.17

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

1	ROMULO ARANTES	BRA	27.39
2	WILLIAM YOUNGER	USA	29.19
3	RICHARDO MATTIOLI	BRA	30.83
4	DOUG DOYLEY	CAN	31.33
5	JIM RUBLE	USA	31.46
6	ANDREA PRAYER	ITA	31.97
7	SEIICHI YARITA	JPN	32.18
8	SHIGEKI URAZUMI	JPN	32.57
9	HISAYA TANAKA	JPN	33.51
10	JUNICHI WATANABE	JPN	34.60
11	EIICHIROH SHINSHI	JPN	35.45
12	GARY MONTEMAYOR	USA	35.64
13	ATSUSHI SUEDA	JPN	35.70
14	DON DOFFEY	CAN	36.59
15	ISAMU MATSUURA	JPN	36.61
16	EDUARDO MACHADO	BRA	36.73
17	ICHIROH UJIE	JPN	37.10
18	HIROSHI KIMURA	JPN	37.11
19	TETSUYA MIYAHARA	JPN	37.96
20	SHIGEO SEKI	JPN	40.17
21	JOAO ALVES	BRA	40.93
22	KAZUO TSUSHIMA	JPN	41.23
23	FUMIO FUJISAWA	JPN	41.31
24	YASUHIRO IRIE	JPN	42.60
25	NOBUYOSHI OKA	JPN	42.69
26	R. TAKAHASHI	JPN	42.92
27	KOHJI KUROSU	JPN	43.68
28	HIRONORI IROSAWA	JPN	46.00
29	HIROSHI YAMAZAKI	JPN	46.82
30	M. NISHIJIMA	JPN	47.55
31	T. WAKATSUKI	JPN	50.85
32	EIJI KIKUCHI	JPN	51.50
33	TERUHISA OGURA	JPN	51.94
34	GARRY HARDIE	AUS	56.55
35	KOHJI SHIMODA	JPN	59.23

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

1	ROMULO ARANTES	BRA	59.00
2	MARK HEINRICH	USA	1:02.36
3	WILLIAM YOUNGER	USA	1:05.49
4	ANDREA PRAYER	ITA	1:08.92
5	DAVID MAINPRIZE	CAN	1:10.01
6	SEIICHI YARITA	JPN	1:10.05
7	GARY MONTEMAYOR	USA	1:17.35
8	TOSHIO NAKAGAWA	JPN	1:20.88
9	TETSUYA MIYAHARA	JPN	1:28.60
10	GERARD UMINSKI	AUS	1:39.50
11	NOBUYUKI HAGIWARA	JPN	2:07.97

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

1	ROMULO ARANTES	BRA	2:13.56
2	MARK HEINRICH	USA	2:14.25
3	DOUG DOYLEY	CAN	2:26.03
4	DIAZGONZALEZ OMAR	MEX	2:26.59
5	ANDREA PRAYER	ITA	2:29.64
6	SEIICHI YARITA	JPN	2:36.78
7	AKIRA TSUHARA	JPN	2:51.22
8	HISAYA TANAKA	JPN	2:53.24
9	GERARD UMINSKI	AUS	3:33.41

10 ICHIROH UJIE JPN 3:39.05
11 NOBUYUKI HAGIWARA JPN 4:41.29

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

1	GLEN CHRISTIANSEN	SWE	30.41
2	YOSHIHIDE KAGAMI	JPN	32.05
3	GERARDO MAYORCA	ARG	32.22
4	DAVE PEDDER	JPN	32.32
5	BRADLEY ROYALL	AUS	32.33
6	M. KAWAKAMI	JPN	32.99
7	DAVID QUIGLEY	USA	33.38
8	DOUG DOYLEY	CAN	34.07
9	HIDEYUKI YOSHIKE	JPN	34.19
10	NIBUYUKI OGATA	JPN	34.29
11	SVEIN SANDOY	NZL	34.54
12	NETL MUNRO	AUS	35.37
13	YASUHUMI TSUNEOKA	JPN	35.61
14	TOSHIO NAKAGAWA	JPN	35.76
15	K. FUKUNAGA	JPN	35.82
16	HAJIME SASAKI	JPN	35.90
17	MAKOTO KAWAI	JPN	36.11
18	KAZUYUKI MIZUTA	JPN	36.12
19	DON DOFFEY	CAN	36.13
20	KENJI TANAKA	JPN	36.19
21	KENICHI TAKADA	JPN	36.22
22	HAJIME KONDOH	JPN	36.40
23	Y. HOSOYA	JPN	36.48
24	GEORGE NOVINGER	USA	36.52
25	NOBUAKI SHIMOYAMA	JPN	36.55
26	MARTIN MOONEY	NZL	36.74
27	MASANOBU HONJYO	JPN	37.61
28	TOORU KAMUKI	JPN	37.74
29	TSUYOSHI HARA	JPN	37.77
30	TOSHINARI HIRAGA	JPN	38.28
30	TOSHIO MASUDA	JPN	38.28
32	MASASHI SHIMIZU	JPN	38.51
33	MASATO IKEDA	JPN	38.64
34	KAZUHIKO KAGAWA	JPN	38.93
35	KENJI TAKAYANAGI	JPN	39.10
36	TETSUROU TOMOTAKA	JPN	39.12
37	YOSHIMITSU SANO	JPN	39.15
38	YUJJI KASAGI	JPN	39.24
39	NAOYA MATSUMOTO	JPN	39.86
40	YASUAKI KANEKO	JPN	40.08
41	HIROSHIGE EBISU	JPN	40.30
42	MASANORI AOKI	JPN	40.47
43	HIROMI KANDA	JPN	40.68
44	NOBUAKI YONEYAMA	JPN	40.70
45	AKINORI YATANI	JPN	40.94
46	SYOICHI SUGIMOTO	JPN	41.67
47	NAOKI WADA	JPN	41.77
48	WATARU TAKEOKA	JPN	41.82
49	SHOJI MATSUMOTO	JPN	41.93
50	TOSHISABUROU MARU	JPN	42.31
51	Y. TAKAHASHI	JPN	42.32
52	YOSHIHARU MINOURA	JPN	42.36
53	DANNY MEISELS	JPN	42.86
54	KIYOSHI MIYAIRI	JPN	44.01
55	TERUO WATANABE	JPN	44.68
56	N. HOSHIKAWA	JPN	44.84
57	ATSUHIITO SUGIMOTO	JPN	46.08
58	KAZUHIKO YANO	JPN	46.93
59	HIDEKI OGAWA	JPN	47.01
60	HAJIME KANEDA	JPN	51.35
61	GARRY HARDIE	AUS	1:03.17

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

1	GLEN CHRISTIANSEN	SWE	1:07.39
2	YOSHIHIDE KAGAMI	JPN	1:10.86
3	GERARDO MAYORCA	ARG	1:12.08
4	BRADLEY ROYALL	AUS	1:13.36
5	DAVE PEDDER	JPN	1:13.92
6	DAVID QUIGLEY	USA	1:14.33
7	DOUG DOYLEY	CAN	1:14.79
8	HIDEYUKI YOSHIKE	JPN	1:16.69
9	SVEIN SANDOY	NZL	1:17.31
10	GEORGE NOVINGER	USA	1:20.18
11	MICHAEL JOHNSON	USA	1:20.70
12	MARTIN MOONEY	NZL	1:23.98
13	YOSHIAKI YODA	JPN	1:24.16
14	TSUYOSHI HARA	JPN	1:26.56
15	TAKASHI OOTSUKA	JPN	1:26.88
16	TOSHINARI HIRAGA	JPN	1:27.71
17	KENJI TAKAYANAGI	JPN	1:28.97
18	TOSHIO MASUDA	JPN	1:28.99
19	YOSHIMITSU SANO	JPN	1:29.60
20	HIROMI KANDA	JPN	1:30.52
21	YASUAKI KANEKO	JPN	1:32.66
22	TOSHISABUROU MARU	JPN	1:36.48
23	NOBUYUKI HAGIWARA	JPN	1:40.55
24	KOHICHI YAMAMOTO	JPN	1:43.23
25	YOSHIHARU MINOURA	JPN	1:43.28
26	HIROSHI KAWAMURA	JPN	1:45.14

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

1	GLEN CHRISTIANSEN	SWE	2:30.88
2	YOSHIHIDE KAGAMI	JPN	2:35.73
3	GERARDO MAYORCA	ARG	2:40.35
4	DOUG DOYLEY	CAN	2:41.20
5	BRADLEY ROYALL	AUS	2:45.44
6	DAVID QUIGLEY	USA	2:51.57
7	RICARDO MATTIOLO	ITA	2:54.80
8	SEIICHI TSUNEOKA	JPN	2:55.40
9	MASAO GOTOH	JPN	2:56.04
10	IAN WAITE	NZL	3:00.97
11	KENICHI MUNAKATA	JPN	3:04.44
12	Y. HOSOYA	JPN	3:04.59
13	MARTIN MOONEY	NZL	3:13.01
14	TAKAFUMI SHIMADA	JPN	3:14.15
15	TSUYOSHI HARA	JPN	3:14.28
16	NAOYA MATSUMOTO	JPN	3:26.75
17	T. WAKATSUKI	JPN	3:28.25
18	YUICHI TAKANO	JPN	3:29.20
19	HIROSHI KANDA	JPN	3:30.79
20	KAZUAKI IMORI	JPN	3:31.08
21	TAKASHI YAGI	JPN	3:42.58
22	KOHJI KUROSU	JPN	3:51.14

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

1	ROBERT PLACAK	USA	25.69
2	MARK MORGAN	AUS	25.99
3	WILLIAM YOUNGER	USA	26.63
4	ISAMU SHIBAZAKI	JPN	27.44
5	ROMULO ARANTES	JPN	27.52
6	SHIROYASU HAYATA	JPN	27.89
7	JIM RUBLE	USA	28.40
8	TOSHIYUKI MASUDA	JPN	28.80
9	BRADLEY ROYALL	AUS	29.56
10	NETL MUNRO	AUS	29.63
11	KENICHI HARADA	JPN	29.97

SWIMMING RESULTS - MEN

12	MIKIO FUJII	JPN	30.14	4	DAN GOERKE	USA	2:30.78	51	YOSHINARI INAMASU	JPN	32.12
13	YASUNORI SUGANO	JPN	30.29	5	DAVID MAINPRIZE	CAN	2:31.43	52	FUMIHIKO KITADA	JPN	32.27
14	MASUO ARAKI	JPN	30.43	6	SVEIN SANDOY	NZL	2:32.36	53	HIDETOSHI YAMADA	JPN	32.89
15	YOHICHI NAKAMURA	JPN	30.66	7	TOSHIYUKI MASUDA	JPN	2:33.40	54	SHUZOH TAMURA	JPN	32.98
16	KUNIMASA KASHIKI	JPN	30.73	8	AKIRA TSUHARA	JPN	2:37.17	55	WATARU MATSUMOTO	JPN	33.44
17	HIDEYUKI YOSHIKE	JPN	31.12	9	TOORU ICHIKAWA	JPN	2:37.81	56	MITSUGU ICHISEKI	JPN	34.08
18	YOSHIAKI YODA	JPN	31.26	10	NETL MUNRO	AUS	2:38.00	57	TAMI OKADA	JPN	35.03
19	DAVID MAINPRIZE	CAN	31.37	11	WARREN POTTENGER	USA	2:39.48	58	TOORU UMEMOTO	JPN	35.25
20	KEIZOH HASEGAWA	JPN	31.44	12	GEORGE NOVINGER	USA	2:41.43	59	NAOMI TANIGAWA	JPN	35.27
21	EDUARDO MACHADO	BRA	31.72	13	YOSHIAKI YODA	JPN	2:46.59	60	TAKUJI KOTANI	JPN	35.50
22	T.KOISHIKAWA	JPN	31.91	14	MICHAEL WOOD	AUS	2:48.74	61	NARIYA WAKAYAMA	JPN	36.87
23	KATSUMI INOUE	JPN	31.96	15	DON DOFFEY	CAN	2:49.66	62	SUSUMU MITSUHASHI	JPN	36.97
24	ISAMU MATSUURA	JPN	32.51	16	HIKARU MACHIDA	JPN	2:51.80	63	YUH TAKEUCHI	JPN	37.76
25	EDWARD OPALACH	USA	32.56	17	KENICHI HARADA	JPN	2:59.94	64	TAKEHIKO ITOH	JPN	38.60
26	DON DOFFEY	CAN	32.99	*****							
27	DAVID TONEY	USA	33.20	M E N -- 30-34 -- 50 M. FREE							
28	HIDEO AOYAGI	JPN	33.36	*****							
29	KAZUKI TOSA	JPN	33.38	1	JAMES MONTGOMERY	USA	24.34	66	HIROSHI NISHIMURA	JPN	40.45
30	MASARU ISHIZUKA	JPN	33.44	2	DIX OZIER	USA	24.44	67	TERUYOSHI MATSUO	JPN	40.52
31	AKIO KONMORI	JPN	33.46	3	TRIP HEDRICK	USA	24.97	68	HIRONOBU OOSHIMA	JPN	41.00
32	MASARU KOIKE	JPN	35.79	4	FRED HUBBELL	USA	25.00	69	MITSUHIKO SHIRAI	JPN	42.01
33	AKIHIRO TANAKA	JPN	36.46	5	DAVID HAGUE	USA	25.18	70	YUHICHI NOGUCHI	JPN	43.59
34	HIROSHI YAMAZAKI	JPN	36.63	6	JAMES GRIFFITH	USA	25.52	*****			
35	SYOICHI SUGIMOTO	JPN	37.42	7	ANDREW HUNTER	AUS	25.54	M E N -- 30-34 -- 100 M. FREE			
36	YOSHIO OOTA	JPN	37.50	8	BUCK SWITH	USA	25.63	*****			
37	KAZUO HIWATARI	JPN	37.66	9	LUIS DA SILVA	BRA	25.74	1	JAMES MONTGOMERY	USA	52.32
38	NOBUYOSHI OKA	JPN	37.72	10	C.MILTENBERGER	USA	25.84	2	JAMES GRIFFITH	USA	55.10
39	H.MITSUHASHI	JPN	39.70	11	HARRY KLOUZAL	AUS	25.96	3	TRIP HEDRICK	USA	55.74
40	YOSHINORI BOHSAKO	JPN	39.72	12	RIC JOHNSON	USA	26.36	4	FRED HUBBELL	USA	56.10
41	MINORU KANEDA	JPN	41.48	13	R.DOS SANTOS	BRA	26.69	5	DAVID HAGUE	USA	56.21
42	KENICHI MOTOMURA	JPN	43.78	14	MIRORU Ooba	JPN	26.99	6	ANDREW HUNTER	AUS	56.32
43	TAKASHI YOSHIDA	JPN	46.52	15	MIRSUO HIRASAWA	JPN	27.22	7	CASEY CLAFLIN	USA	56.96
44	ATSUHIITO SUGIMOTO	JPN	47.40	16	YOSHIYUKI URA	JPN	27.44	8	HARRY KLOUZAL	AUS	57.61
45	KOHJI SHIMODA	JPN	59.55	17	MASATO KUROKAWA	JPN	27.51	9	STEVEN PRESCOTT	NZL	58.24
*****				18	CHEN LEE LAI	TPE	27.53	10	BUCK SWITH	USA	58.78
M E N -- 25-29 -- 100 M. FLY				19	T.YAMASHITA	JPN	27.75	11	RIC JOHNSON	USA	59.40
*****				20	MANABU KOGAITO	JPN	27.99	12	EDDIE RIACH	GBR	59.43
1	ROBERT PLACAK	USA	57.12	21	STEVEN SOKLOW	USA	28.28	13	NOBORU MORIMOTO	JPN	59.98
2	MARK MORGAN	AUS	57.98	22	AKIHIKO MISU	JPN	28.32	14	HIROYUKI AMAZAKI	JPN	1:00.02
3	WILLIAM YOUNGER	USA	1:00.80	23	KOHJI SATOH	JPN	28.48	15	LUIS DA SILVA	BRA	1:00.94
4	JIM RUBLE	USA	1:05.48	24	TAKASHI MIURA	JPN	28.51	16	MITSUO HIRASAWA	JPN	1:01.40
5	TOSHIYUKI MASUDA	JPN	1:05.61	25	WAYNE PLIMMER	CAN	28.59	17	R.DOS SANTOS	BRA	1:01.74
6	OSAMU YOSHIDA	JPN	1:06.18	26	EMIL EICMENBERGER	AUS	28.96	18	NICK KESSLERING	USA	1:01.88
7	SYUICHI MATSUDA	JPN	1:07.29	27	LUIZ FREITAS	BRA	29.27	19	T.YAMASHITA	JPN	1:02.89
8	NETL MUNRO	AUS	1:08.38	28	NORIAKI MIKI	JPN	29.52	20	STEVEN SOKLOW	USA	1:03.07
9	WARREN POTTENGER	USA	1:08.39	29	SHIGEHO YONEDA	JPN	29.58	21	TOORU JINBO	JPN	1:03.10
10	KATSUMI INOUE	JPN	1:10.73	30	AKIO SHIMIZU	JPN	29.61	22	PHIL VAN LOO	CAN	1:03.18
11	MICHAEL WOOD	AUS	1:16.43	31	AKIRA MATSUKAWA	JPN	29.65	23	NOBUYUKI TANAKA	JPN	1:04.20
12	ISAMU MATSUURA	JPN	1:17.44	32	TAKAHIRO YOSHIOKA	JPN	29.77	24	MANABU KOGAITO	JPN	1:04.53
13	DAVID TONEY	USA	1:20.04	33	JYUNJI SASAYAMA	JPN	29.78	25	K.KOBAYASHI	JPN	1:04.81
14	T.KOISHIKAWA	JPN	1:20.13	34	TATSUO KATOH	JPN	30.05	26	MOTOFUMI OHISHI	JPN	1:04.84
15	KENICHI MUNAKATA	JPN	1:24.60	35	TAKAYUKI YUASA	JPN	30.17	27	YOUICHI OOTSUKA	JPN	1:06.08
16	SEIKI OKUTANI	JPN	1:25.00	36	MASARU FUKUI	JPN	30.28	28	SHIGEHO YONEDA	JPN	1:06.30
17	Y.NISHIMURA	JPN	1:26.33	37	IAN DEUART	NZL	30.50	29	MIZUO IWASAKI	JPN	1:06.52
18	AKIHIKO TAKEI	JPN	1:28.39	38	KESTER CONRAD	USA	30.52	30	EMIL EICMENBERGER	AUS	1:06.54
*****				39	KAZUO NOGUCHI	JPN	30.74	31	TSUGUNORI TERADO	JPN	1:06.79
M E N -- 25-29 -- 200 M. FLY				40	MASAAKI NAKAMURA	JPN	30.78	32	AKIRA MATSUKAWA	JPN	1:06.91
*****				41	KIYOSHI IWATATE	JPN	30.98	33	NORIIKO YAMAKAMI	JPN	1:07.61
1	DAN GOERKE	USA	2:28.43	42	MASAMOTO SUZUKI	JPN	31.23	34	NORIAKI MIKI	JPN	1:08.66
2	DIAZGONZALEZ OMAR	MEX	2:38.16	43	YOSHIIHARU SAITO	JPN	31.31	35	KESTER CONRAD	USA	1:09.65
3	NETL MUNRO	AUS	2:54.42	44	YOSHIHIKO IMOTO	JPN	31.46	36	TAKESHI YAMANO	JPN	1:10.27
*****				45	SHUNSUKE ITOH	JPN	31.63	37	MARUCOM SARIBAN	JPN	1:10.41
M E N -- 25-29 -- 200 M. I.M.				46	KEN NAKAMURA	JPN	31.66	38	TOSHIYUKI EZUKA	JPN	1:10.48
*****				47	ROBERT MEIER	BRA	31.74	39	MASAYUKI TANI	JPN	1:10.97
1	JOHN TUDOR	USA	2:16.29	48	TAKESHI SAKAO	JPN	31.91	40	SUSUMU FUJITA	JPN	1:11.08
2	STUART MEARES	AUS	2:20.11	49	YOSHINARI ISHIDA	JPN	32.04	41	IAN DEUART	NZL	1:11.59
3	RICHARDO MATTIOLI	BRA	2:22.63	50	TAKAKAZU HONDA	JPN	32.11	42	TAKATOSHI ENDOH	JPN	1:11.63
								43	KIYOSHI IWATATE	JPN	1:12.42
								44	MASAMOTO SUZUKI	JPN	1:12.51

SWIMMING RESULTS - MEN

45 KATSUROH HAYASAKO JPN 1:12.90
46 TAKAHITO AMAMIYA JPN 1:18.68
47 KEN WATANABE JPN 1:19.52
48 KAZUO TSUDA JPN 1:19.76
49 MINORU SHIMADA JPN 1:22.83
50 TERUYOSHI MATSUO JPN 1:39.00
51 OSAMU SHIMIZU JPN 2:05.42

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

1 JAMES MONTGOMERY USA 1:55.48
2 JAMES GRIFFITH USA 2:03.56
3 TRIP HEDRICK USA 2:04.18
4 DAVID HAGUE USA 2:07.80
5 CHARLES YOURD USA 2:08.92
6 ANDREW HUNTER AUS 2:09.20
7 MARK WORDEN USA 2:10.22
8 K.YOSHIWARA JPN 2:10.25
9 STEVEN PRESCOTT NZL 2:10.71
10 NICK KESSLERING USA 2:12.29
11 TAKASHI YOSHIOKA JPN 2:20.31
12 HIROYUKI AMAZAKI JPN 2:22.17
13 TOORU JINBO JPN 2:23.09
14 STEVEN SOKOLOV USA 2:24.17
15 NOBUYUKI TANAKA JPN 2:25.01
16 PHIL VAN LOO CAN 2:25.03
17 MITSUO HIRASAWA JPN 2:25.26
18 KAZUNORI USHIRO JPN 2:28.10
19 YOHICHI SATOH JPN 2:29.77
20 T.YAMASHITA JPN 2:31.16
21 MIZUO IWASAKI JPN 2:31.88
22 TIM SULLIVAN USA 2:33.37
23 YASUSHI OOISHI JPN 2:34.24
24 NORIHIKO YAMAKAMI JPN 2:35.02
25 MASAHIKO TOKUE JPN 2:37.48
26 MARUCOM SARIBAN JPN 2:41.63
27 SHINRYO MEGURO JPN 2:43.30
28 KESTER CONRAD USA 2:44.55
29 TOMOHARU KATAYAMA JPN 2:47.81
30 TAKATOSHI ENDOH JPN 2:49.44
31 YUICHI TSUNEDA JPN 2:51.01
32 MASAYUKI TANI JPN 2:51.71
33 YASUO TAMURA JPN 2:52.86
34 IAN DEUART NZL 3:00.20
35 MITSURU TSUCHIYA JPN 3:02.26
36 KEN WATANABE JPN 3:03.00
37 KAZUO TSUDA JPN 3:05.76
38 MINORU SHIMADA JPN 3:05.94
39 MITSUO TAKINAMI JPN 3:08.03
40 KAZUSHIGE SHIMADA JPN 3:12.47
41 HIROSHI MATSUI JPN 3:22.05
42 TAKASHI HAGIWARA JPN 3:29.21
43 MASAYUKI INOUE JPN 3:48.56

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

1 JAMES MONTGOMERY USA 4:08.70
2 CHARLES YOURD USA 4:31.49
3 FRED FERROGGIARO USA 4:34.36
4 MARK WORDEN USA 4:38.97
5 STEVEN PRESCOTT NZL 4:46.38
6 NICK KESSLERING USA 4:49.24
7 JYO FUKUSHIMA JPN 5:06.86
8 R.DOS SANTOS BRA 5:08.68
9 NOBUYUKI TANAKA JPN 5:11.72
10 THOMAS LONG USA 5:12.09
11 JAMES RYAN USA 5:21.64

12 STEVEN SOKOLOV USA 5:26.35
13 YOSHIMITSU TOMARU JPN 5:27.16
14 YOHICHI SATOH JPN 5:28.23
15 KAZUNORI USHIRO JPN 5:36.55
16 NORIHIKO YAMAKAMI JPN 5:40.21
17 YASUSHI OOISHI JPN 5:44.29
18 SHINRYO MEGURO JPN 5:47.79
19 HIROSHI TSUYUKI JPN 6:10.96
20 TAMOTSU FURUTA JPN 6:15.60
21 MASAO INOUE JPN 6:20.05
22 KATSUYOSHI IKEDA JPN 6:23.34
23 TOSHIO SEO JPN 6:29.59
24 GUY DECARIE CAN 6:42.75
25 KAZUO TSUDA JPN 6:49.65
26 MINORU SHIMADA JPN 6:52.15
27 HIDEO SUGIURA JPN 6:53.50
28 KIKUO TANAGAKI JPN 7:13.07
29 MASAO NAGAI JPN 7:19.38
30 HIDESHI SHIBAYAMA JPN 7:24.89
31 YOSHIMI KIKUCHI JPN 8:44.43

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

1 JAMES MONTGOMERY USA 8:46.99
2 FRED FERROGGIARO USA 9:29.53
3 CHARLES YOURD USA 9:33.41
4 MARK WORDEN USA 9:49.64
5 STEVEN PRESCOTT NZL 10:03.35
6 JAMES RYAN USA 10:35.46
7 TOORU JINBO JPN 10:41.83
8 R.DOS SANTOS BRA 10:49.29
9 NOBUYUKI TANAKA JPN 11:01.90
10 THOMAS LONG USA 11:10.39
11 YOSHIMITSU TOMARU JPN 11:12.82
12 AKIRA MATSUKAWA JPN 11:26.74
13 JYO FUKUSHIMA JPN 11:34.18
14 STEVEN SOKOLOV USA 11:39.98
15 JUN KAOTANI JPN 11:42.15
16 YASUSHI OOISHI JPN 11:44.47
17 TAKEAKI HONAMI JPN 11:50.71
18 NORIHIKO YAMAKAMI JPN 12:11.51
19 HIROSHI TSUYUKI JPN 13:09.36
20 HIDESHI SHIBAYAMA JPN 15:14.99
21 YOSHIMI KIKUCHI JPN 19:08.51

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

1 DIX OZIER USA 28.05
2 CASEY CLAFLIN USA 29.17
3 HARRY KLOUZAL AUS 30.59
4 EDDIE RIACH GBR 30.67
5 MARIO MARTIN BRA 30.92
6 MICHIO YOSHIMOTO JPN 30.97
7 FRED FERROGGIARO USA 31.27
8 Y.YAMASHITA JPN 32.54
9 OSAMU GUSHI JPN 33.22
10 KILLORY FRAN JPN 33.79
11 CHANG LEE JENN TPE 33.92
12 TZUTOMU TAMURA JPN 34.02
13 SATOSHI IKEZUMI JPN 34.07
14 YUKIO OOTANI JPN 34.60
15 DENNIS SKUPINSKI USA 34.77
16 HIROYUKI AMAZAKI JPN 35.36
17 KAZUMI WATANABE JPN 38.24
18 NOBORU NAKAMURA JPN 38.31
19 Y.SHISHIDO JPN 38.34
20 ETSUO SUZUKI JPN 38.62

21 YOSHINARI ISHIDA JPN 38.89
22 TAKAYUKI YUASA JPN 39.01
23 YASUSHI OOISHI JPN 39.04
24 KAZUO NAKANISHI JPN 39.42
25 TAKASHI UCHIYAMA JPN 40.27
26 HIDETOSHI YAMADA JPN 40.72
27 YUJJI YAMASHITA JPN 40.75
28 IAN DEUART NZL 41.12
29 MITSUO TAKINAMI JPN 41.37
30 TEIJI NAGANUMA JPN 42.19
31 MASAYUKI INOUE JPN 42.23
32 IKUO IKEGAKI JPN 42.34
33 TAKASHI YUHKI JPN 42.75
34 JYUNJI SASAYAMA JPN 43.07
35 TOSHIYUKI OKAMOTO JPN 44.44
36 HISAO TANAKA JPN 44.68
37 KAZIYUKI ENOMOTO JPN 45.14
38 TAKUJI KOTANI JPN 47.76
39 J.UJIGAWA JPN 48.62
40 KAZUHISA TAKEDA JPN 48.82
41 MASAO NAGAI JPN 49.87
42 KAZUO OSADA JPN 51.20
43 YASUO IKENOYA JPN 51.39
44 TETSUO MAEDA JPN 51.79

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

1 DIX OZIER USA 1:01.52
2 CASEY CLAFLIN USA 1:04.26
3 FRED FERROGGIARO USA 1:06.23
4 EDDIE RIACH GBR 1:07.13
5 MICHIO YOSHIMOTO JPN 1:10.20
6 Y.YAMASHITA JPN 1:13.94
7 KILLORY FRAN JPN 1:16.56
8 YUKIO OOTANI JPN 1:17.61
9 TIM SULLIVAN USA 1:18.49
10 DENNIS SKUPINSKI USA 1:19.51
11 YUJJI YAMASHITA JPN 1:32.54
12 TAKASHI UCHITAMA JPN 1:33.32

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

1 DIX OZIER USA 2:19.42
2 FRED FERROGGIARO USA 2:21.08
3 CASEY CLAFLIN USA 2:23.39
4 MARK SAUNDERS JPN 2:32.15
5 HIROAKI DAITI JPN 2:47.83
6 Y.YAMASHITA JPN 2:49.36
7 YASUSHI OOISHI JPN 2:56.62
8 TAKASHI YUHKI JPN 3:41.88

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

1 C.MILTENBERGER USA 31.09
2 MASATOSHI ITOH JPN 32.04
3 FRED HUBBELL USA 32.49
4 JYUNJI MIYAWAKI JPN 33.28
5 SERGIO SALVO BRA 33.84
6 Y.SUMIYOSHI JPN 34.43
7 LU SHEN TA TPE 34.67
8 CHANG LEE JENN TPE 34.77
9 KOHSAKU AOKI JPN 35.32
10 SHIROH SAITOH JPN 35.83
11 HIDEHIKO HASEGAWA JPN 36.23
12 TAKESHI IIDA JPN 36.88
13 AKIHIKO YOKOCHI JPN 37.25
14 HISATAKA MURAKAMI JPN 37.39

SWIMMING RESULTS - MEN

15	EMIL EICMENBERGER	AUS	37.66	7	TAKEAKI SATOH	JPN	3:02.40	54	MITSURU KAWASHIMA	JPN	44.92
16	WAYNE PLIMMER	CAN	37.69	8	WAYNE PLIMMER	CAN	3:07.01	55	GUY DECARIE	CAN	48.08
17	AKIRA HASHIMOTO	JPN	37.73	9	EMIL EICMENBERGER	AUS	3:08.25	56	MASAHIRO NOGUCHI	JPN	52.31
18	AKIHIRO SHINOMIYA	JPN	38.23	10	KATSUYOSHI IKEDA	JPN	3:11.51	*****			
19	NOBUHIKO IMAZEKI	JPN	38.24	11	TAKASHI MATSUMOTO	JPN	3:11.83	M E N -- 30-34 -- 100 M. FLY			
20	HIROFUMI OKAMOTO	JPN	38.61	12	JOHN TOWNEND	AUS	3:13.28	*****			
21	MASAYUKI TAMURA	JPN	38.77	13	AKIHIKO YOKOCHI	JPN	3:14.58	1	JAMES GRIFFITH	USA	59.61
22	AKIRA MAKIMURA	JPN	38.91	14	YUZURU MUKAI	JPN	3:30.67	2	TRIP HEDRICK	USA	59.97
23	HISAO TANAKA	JPN	39.04	15	IWAO KIDO	JPN	3:35.30	3	FRED HUBBELL	USA	1:00.45
24	TAKAHIRO YOSHIOKA	JPN	39.27	16	KAZUYOSHI TOOYAMA	JPN	3:56.10	4	DAVID HAGUE	USA	1:02.03
25	MASAYUKI INOUE	JPN	39.28	17	OSAMU SHIMIZU	JPN	5:47.76	5	BUCK SWITH	USA	1:03.32
26	HIDETOSHI YAMADA	JPN	39.78	*****				6	MARK SAUNDERS	JPN	1:03.56
27	HIDEO OKADA	JPN	40.08	M E N -- 30-34 -- 50 M. FLY				7	STEVEN PRESCOTT	NZL	1:03.97
28	TAKAYUKI YUASA	JPN	40.18	*****				8	ANDREW HUNTER	AUS	1:04.16
29	SUSUMU FUJITA	JPN	40.21	1	DIX OZIER	USA	26.13	9	TAKASHI YOSHIOKA	JPN	1:04.65
30	TOSHIO NOJI	JPN	40.25	2	DAVID HAGUE	USA	26.61	10	CHARLES YOURD	USA	1:06.28
31	MIKIO TAKAHASHI	JPN	40.62	3	TRIP HEDRICK	USA	26.64	11	DENNIS SKUPINSKI	USA	1:07.89
32	YORIFUMI KYOKANE	JPN	41.11	4	FRED HUBBELL	USA	27.05	12	RIC JOHNSON	USA	1:08.26
33	ISOROKU HIWATASHI	JPN	41.20	5	RIC JOHNSON	USA	27.64	13	LUIS DA SILVA	BRA	1:08.82
34	MARUCOM SARIBAN	JPN	41.26	6	ANDREW HUNTER	AUS	28.25	14	TOORU JINBO	JPN	1:10.85
35	TETSUHIITO NISHIDA	JPN	41.28	7	LUIS DA SILVA	BRA	28.45	15	KAZUNORI USHIRO	JPN	1:13.96
36	SINICHIROH UHAWA	JPN	41.62	8	TAKASHI YOSHIOKA	JPN	28.51	16	THOMAS LONG	USA	1:17.41
37	NAOMI TANIGAWA	JPN	42.59	9	LU SHEN TA	TPE	28.55	17	JAMES RYAN	USA	1:18.62
38	TAKESHI YADA	JPN	43.16	10	BUCK SWITH	USA	28.63	18	TIM SULLIVAN	USA	1:19.51
39	KAZUYOSHI TOOYAMA	JPN	43.61	11	T.YAMASHITA	JPN	28.78	19	TAKASHI MATSUMOTO	JPN	1:19.74
40	YOSHIHIKO IMOTO	JPN	43.74	12	DENNIS SKUPINSKI	USA	28.88	20	PHIL VAN LOO	CAN	1:23.08
41	MITSUHIKO SHIRAI	JPN	43.98	13	HIROYUKI AMAZAKI	JPN	28.97	21	GUY DECARIE	CAN	1:58.42
42	HIROSHI NISHIMURA	JPN	44.06	14	MIRORU Ooba	JPN	29.05	*****			
43	MASAHIKO NOGUCHI	JPN	46.21	15	EDDIE RIACH	GBR	29.13	M E N -- 30-34 -- 200 M. FLY			
44	SHUZO TAMURA	JPN	47.29	16	HARRY KLOUZAL	AUS	29.20	*****			
45	OSAMU SHIMIZU	JPN	1:01.89	17	MARK SAUNDERS	JPN	29.26	1	CHARLES YOURD	USA	2:22.27
*****				18	MIRSUO HIRASAWA	JPN	29.74	2	MARK SAUNDERS	NZL	2:23.08
M E N -- 30-34 -- 100 M. BRST				19	CHEN LEE LAI	TPE	29.94	3	MARK WORDEN	USA	2:27.68
*****				20	TAKEAKI HONAMI	JPN	30.13	4	TAKASHI YOSHIOKA	JPN	2:40.38
1	C.MILTENBERGER	USA	1:09.80	21	TAKASHI OTSUPATA	JPN	30.41	5	DENNIS SKUPINSKI	USA	2:52.21
2	MASATOSHI ITOH	JPN	1:12.65	22	K.KOBAYASHI	JPN	30.54	6	JAMES RYAN	USA	2:55.42
3	SERGIO SALVO	BRA	1:16.71	23	KAZUNORI USHIRO	JPN	30.80	7	TIM SULLIVAN	USA	3:08.37
4	JYO FUKUSHIMA	JPN	1:18.17	24	SATOSHI IKEZUMI	JPN	30.95	8	NORIKO YAMAKAMI	JPN	3:42.36
5	HIDEHIKO HASEGAWA	JPN	1:19.93	25	YUKIO OOTANI	JPN	31.18	9	GUY DECARIE	CAN	4:33.45
6	TOORU NISHIMURA	JPN	1:20.97	26	TOORU JINBO	JPN	31.25	*****			
7	PHIL VAN LOO	CAN	1:21.14	27	TAKAYUKI YUASA	JPN	31.72	M E N -- 30-34 -- 200 M. I.M.			
8	EMIL EICMENBERGER	AUS	1:23.52	28	YASUMITSU FUJITA	JPN	31.76	*****			
9	AKIO SHIMIZU	JPN	1:24.15	29	PHIL VAN LOO	CAN	32.02	1	BUCK SMITH	USA	2:20.98
10	WAYNE PLIMMER	CAN	1:25.73	30	MITSUO KAKUNO	JPN	32.14	2	JAMES GRIFFITH	USA	2:21.57
11	AKIRA HASHIMOTO	JPN	1:26.97	31	KEN NAKAMURA	JPN	32.29	3	CASEY CLAFLIN	USA	2:26.19
12	MASAHIRO MATSUOKA	JPN	1:28.38	32	S.WAKABAYASHI	JPN	32.37	4	EDDIE RIACH	GBR	2:27.47
13	TSUGUNORI TERADO	JPN	1:29.47	33	KOHJI SATOH	JPN	32.59	5	HARRY KLOUZAL	AUS	2:28.15
14	YOSHIMASA UENO	JPN	1:31.99	34	YOSHINARI ISHIDA	JPN	33.17	6	MARK WORDEN	USA	2:28.73
15	YORIFUMI KYOKANE	JPN	1:32.10	34	TONYUN RYU	JPN	33.17	7	MARK SAUNDERS	JPN	2:32.19
16	HIDEO OKADA	JPN	1:34.14	36	TAKASHI NAKAMURA	JPN	33.23	8	JYO FUKUSHIMA	JPN	2:42.40
17	IAN DEUART	NZL	1:35.00	37	AKIRA UEHARA	JPN	33.47	9	TOSHIYUKI MIHASHI	JPN	2:46.08
18	TETSUHIITO NISHIDA	JPN	1:38.75	38	KOKHI MIMO	JPN	33.64	10	MIZUO IWASAKI	JPN	2:49.70
19	KAZUYOSHI TOOYAMA	JPN	1:40.15	39	KAZUMI WATANABE	JPN	33.72	11	TIM SULLIVAN	USA	2:51.17
20	TAKAHITO AMAMIYA	JPN	1:45.15	40	M.NISHIHARA	JPN	33.77	12	THOMAS LONG	USA	2:53.24
21	HIROSHI NISHIMURA	JPN	1:45.57	41	HIDETOSHI YAMADA	JPN	33.93	13	JAMES RYAN	USA	2:54.60
22	TAKEHIKO ITOH	JPN	1:47.20	42	TAKESHI SAKAO	JPN	34.26	14	TSUGUNORI TERADO	JPN	2:57.96
23	HIRONOBU OOSHIMA	JPN	1:55.40	43	ISAMI OKANO	JPN	34.40	15	HIDETOSHI YAMADA	JPN	2:58.98
24	YURICHI NOGUCHI	JPN	1:59.00	44	AKIRA HASHIMOTO	JPN	34.66	16	LUIZ FREITAS	BRA	2:59.68
*****				45	WAYNE PLIMMER	CAN	35.02	17	NOBORU NAKAMURA	JPN	3:07.58
M E N -- 30-34 -- 200 M. BRST				46	TAMOTSU FURUTA	JPN	35.34	18	YOSHINARI ISHIDA	JPN	3:08.01
*****				47	MITSUOKAZU SUZUKI	JPN	35.63	19	GUY DECARIE	CAN	3:33.09
1	MASATOSHI ITOH	JPN	2:43.73	48	MITSURU TSUCHIYA	JPN	35.98	20	IWAO KIDO	JPN	3:36.42
2	C.MILTENBERGER	USA	2:46.89	49	YOSHIHARU SAITO	JPN	36.94	*****			
3	KAZUNOBU ICHIBA	JPN	2:53.50	50	TAKAKAZU HONDA	JPN	38.19	M E N -- 35-39 -- 50 M. FREE			
4	SERGIO SALVO	BRA	2:54.68	51	SHUNSUKE ITOH	JPN	38.41	*****			
5	JYO FUKUSHIMA	JPN	2:54.85	52	MASAO NAGAI	JPN	41.27	1	BILL BARTHOLD	USA	25.62
6	TOORU NISHIMURA	JPN	2:58.77	53	TAKUJI KOTANI	JPN	42.64	2	JOHN FOOTE	USA	25.98

SWIMMING RESULTS - MEN

3	SHIGEO TAKEUCHI	JPN	26.20	70	KATSUJI SHIDA	JPN	49.54	4	FRANK WARNER	USA	2:11.21
4	KEN ZISKIN	USA	26.25	71	MATAJYUROH SHINO	JPN	50.18	5	JOHN OSTERLOH	USA	2:14.18
5	HIDEO TAKAHASHI	JPN	26.52	*****							
6	JOHN OSTERLOH	USA	26.86	M E N -- 35-39 -- 100 M. FREE							
7	YOSHIO HARU ENDO	USA	26.87	*****							
8	J. TSUTSUMI	JPN	27.13	1	BILL BARTHOLD	USA	58.01	9	D. UIJTENBOGAART	NED	2:16.77
9	KOHJI NAKANO	JPN	27.25	2	SHIGEO TAKEUCHI	JPN	58.75	10	WILLIAM LOTZ	USA	2:20.49
10	JACK SARTORE	USA	27.44	3	BOB MOMSEN	USA	58.90	11	KOHJI NAKANO	JPN	2:22.28
11	JORGE URRETA	MEX	27.50	4	STEVE BOSTER	USA	58.99	12	JACK SARTORE	USA	2:24.81
12	JOHN WHATELEY	AUS	27.66	5	JOHN FOOTE	USA	59.07	13	TOSHIHARU FUJII	JPN	2:24.89
13	SAMOAIO MENESCAL	BRA	27.88	6	FRANK WARNER	USA	59.23	14	YASUNOBU OKAMURA	JPN	2:26.47
14	JYUNICHIROH NAGI	JPN	28.22	7	KEN ZISKIN	USA	59.48	15	Y. NISHIHARA	JPN	2:27.65
15	TADASHI KAMIMURA	JPN	28.47	8	RICHARD HAAS	USA	59.80	16	JYUNICHIROH NAGI	JPN	2:34.89
16	SCOTT BEASLEY	USA	28.50	9	JOHN OSTERLOH	USA	1:00.25	17	YUTAKA TAGO	JPN	2:36.96
17	SATORU FUJIMOTO	JPN	28.53	10	KOHJI NAKANO	JPN	1:00.92	18	KOUHEI WATANABE	JPN	2:39.09
18	CHUNG LEE CHUAN	TPE	28.78	11	KOUSEI MORITA	JPN	1:01.54	19	TATSUROH MATSUO	JPN	2:42.07
19	ROBERT HILL	AUS	28.91	12	JACK SARTORE	USA	1:01.92	20	KENJI WATANABE	JPN	2:43.02
20	EIICHIROH SAWA	JPN	28.94	13	JOHN WHATELEY	AUS	1:02.35	21	MASASHI OOHINATA	JPN	2:43.45
20	RICHARD SESLER	USA	28.94	14	Y. NISHIHARA	JPN	1:03.44	22	NORIO IKEDA	JPN	2:43.59
22	LORNE MCDUGALL	CAN	29.34	15	SAMPAIO MENESCAL	BRA	1:03.97	23	LORNE MCDUGALL	CAN	2:43.65
23	KENJI WATANABE	JPN	29.53	16	SCOTT BEASLEY	USA	1:03.99	24	YOSHITO SEKIGAWA	JPN	2:43.89
24	YUTAKA TAGO	JPN	29.78	17	PETER JOY	AUS	1:04.14	25	KEIJI KITOH	JPN	2:44.73
25	SANSHIROH SATOH	JPN	29.87	18	YASUNOBU OKAMURA	JPN	1:04.44	26	MASAMI MIKAMI	JPN	2:46.99
26	T. TAKAKUWA	JPN	30.25	19	KOHZOH KIMURA	JPN	1:04.75	27	IZUMI YAMAGUCHI	JPN	2:47.04
27	KAZUHIRO OSADA	JPN	30.34	20	TOSHIHARU FUJII	JPN	1:04.87	28	GRAEME HOLDSWORTH	AUS	2:49.05
28	MANABU UEHARA	JPN	30.56	21	YUICHI SHIMIZU	JPN	1:05.77	29	SADAO UEDA	JPN	2:50.43
29	LUF S VENTURA	BRA	30.61	22	YUKINORI WATANABE	JPN	1:06.11	30	KUNIO TANIGUCHI	JPN	2:51.27
30	YUZURU NAGASAKI	JPN	30.70	23	RYO YOSHIDA	JPN	1:06.23	31	MIKIO MARUYAMA	JPN	2:51.60
31	MITSUGU SAITOH	JPN	30.79	24	TADASHI KAMIMURA	JPN	1:06.27	32	MINORU INOUE	JPN	2:52.90
32	ITSUO SAKAGUCHI	JPN	30.84	25	ROBERT HILL	AUS	1:07.09	33	KANJI MURAKAMI	JPN	2:54.30
33	MASAYUKI TANEMURA	JPN	30.85	26	YUTAKA TAGO	JPN	1:07.15	34	TETSUROH KAWASAKI	JPN	2:54.96
34	IAN BENTLEY	NZL	30.93	27	YOSHITO SEKIGAWA	JPN	1:07.56	35	ZENTOKU HANADA	JPN	2:55.88
35	TSUTOMU SUDOH	JPN	30.95	28	NORIO IKEDA	JPN	1:08.48	36	HIDEO NIIMI	JPN	2:56.02
36	SHIGEO NOMURA	JPN	30.96	29	KEIJI KITOH	JPN	1:08.52	37	KAZUO ARAYA	JPN	2:56.76
37	JYUN YOSHIDA	JPN	31.05	30	LORNE MCDUGALL	CAN	1:08.53	38	H. MASUBAYASHI	JPN	2:58.98
38	GRAEME HOLDSWORTH	AUS	31.10	31	MAMORU HIRAI	JPN	1:08.86	39	IAN BENTLEY	NZL	2:59.41
39	YUKIHIRO TOMINAGA	JPN	31.72	32	MASAFUMI OGURA	JPN	1:10.16	40	BRUCE CLEDHILL	NZL	2:59.59
40	SHITOMI KUROKI	JPN	31.94	33	MINORU INOUE	JPN	1:11.03	41	YOSHIO ASAKA	JPN	2:59.70
41	SACHIO SHIMOJIMA	JPN	31.98	34	KENJI INOUE	JPN	1:11.99	42	TOMO HARU NISHIDA	JPN	3:00.44
42	KENJI INOUE	JPN	32.21	35	GRAEME HOLDSWORTH	AUS	1:12.08	43	HIDEO KAGEYAMA	JPN	3:00.60
43	JIROH NAKATSUMA	JPN	32.69	36	ITSUO SAKAGUCHI	JPN	1:12.84	44	YUHKOH KUWAHARA	JPN	3:02.05
44	YUTAKA SHINOZAKI	JPN	32.87	37	IAN BENTLEY	NZL	1:13.72	45	TAKEISHI MITA	JPN	3:02.16
44	MIKIO HIROSE	JPN	32.87	38	ZENTOKU HANADA	JPN	1:13.89	46	EIJI IMATOMI	JPN	3:03.19
46	EIICHI KAMINOKADO	JPN	33.08	39	MITSUGU SAITOH	JPN	1:14.25	47	SUSUMU SATOH	JPN	3:05.10
47	MASAHARU ODWARA	JPN	33.09	40	NOBORU KUWAYAMA	JPN	1:14.49	48	YUTAKA SHINOZAKI	JPN	3:11.03
48	SHOICHI GOTOH	JPN	33.29	41	NOBORU MORI	JPN	1:14.76	49	T. KOBAYASHI	JPN	3:12.93
49	KAZUO KIMURA	JPN	33.35	42	TOMO HARU NISHIDA	JPN	1:16.44	50	H. HASEGAWA	JPN	3:23.51
50	BRUCE CLEDHILL	NZL	33.81	43	EIJI IMATOMI	JPN	1:17.66	51	YASUHIRO NAGAO	JPN	3:25.88
51	KOHICHI OKADA	JPN	33.87	44	YUTAKA SHINOZAKI	JPN	1:17.68	52	K. HIRAMOTO	JPN	3:26.20
52	AKIRA WATANABE	JPN	35.31	45	BRUCE CLEDHILL	NZL	1:19.33	53	AKIO NARITA	JPN	3:31.03
53	GENICHI YOSHIDA	JPN	35.57	46	C. HOLLOWAY	AUS	1:19.39	54	MASATOSHI OGAWA	JPN	3:32.54
54	YOSHIO NAKAGAWA	JPN	36.17	47	T. KOBAYASHI	JPN	1:20.00	55	MASAKAZU KURIHARA	JPN	3:32.72
55	KAZUAKI KIRA	JPN	36.42	48	SUSUMU SATOH	JPN	1:21.21	56	MARK LIPSEY	USA	3:34.21
56	MASAO AIDA	JPN	36.54	49	GENICHI YOSHIDA	JPN	1:22.40	57	SADAO NAKAMURA	JPN	3:42.35
57	SHOHEI TANAKA	JPN	36.75	50	JYOJI IMAI	JPN	1:25.04	58	TETSUO KATOH	JPN	3:47.48
58	CHUAN HUANG CHING	TPE	36.86	51	KEIJI AONUMA	JPN	1:25.65	59	TOMOO TAKENAKA	JPN	3:53.60
59	RON SAVAGE	AUS	36.94	52	AKITAKA KAWAKAMI	JPN	1:29.24	*****			
60	K. URUSHIBATA	JPN	36.95	53	MASATOSHI OGAWA	JPN	1:30.34	M E N -- 35-39 -- 400 M. FREE			
61	KENJI HORII	JPN	37.59	54	RONALD ADAMS	JPN	1:37.68	*****			
62	SYOICHI MORITA	JPN	39.01	55	TETSUO KATOH	JPN	1:37.77	1	RANDY WILLIAMS	USA	4:25.37
63	TAKEISHI KAWASHIMA	JPN	39.02	56	KAZUKIYO MIYATA	JPN	1:39.72	2	BOB MOMSEN	USA	4:32.94
64	SHIGENOBU AIKAWA	JPN	39.92	*****							
65	SHINICHI KINJYO	JPN	40.38	M E N -- 35-39 -- 200 M. FREE							
66	RONALD ADAMS	JPN	40.84	*****							
67	MASANOBU SOGA	JPN	40.99	1	RANDY WILLIAMS	USA	2:05.11	3	TOD SPIEKER	USA	4:36.48
68	KAZUKIYO MIYATA	JPN	41.07	2	BOB MOMSEN	USA	2:09.45	4	JOHN COVACEVICH	AUS	4:39.54
69	KAZUAKI ODANAKA	JPN	44.97	3	TOD SPIEKER	USA	2:09.84	5	JOHN OSTERLOH	USA	4:43.59
								6	D. UIJTENBOGAART	NED	4:45.93
								7	RALPH HUTTON	CAN	4:48.18
								8	JORGE URRETA	MEX	4:56.86

SWIMMING RESULTS - MEN

9 EDWARD RUDLOFF	USA	5:01.38	4 BILL BARTHOLD	USA	31.69	4 JORGE URRETA	MEX	2:32.17
10 WILLIAM LOTZ	USA	5:05.45	5 JOHN FOOTE	USA	32.49	5 SCOTT BEASLEY	USA	2:45.86
11 Y.NISHIHARA	JPN	5:17.39	6 SEIJI NAKANISHI	JPN	33.27	6 CHIHARU MORITA	JPN	3:00.59
12 KOHJI NAKANO	JPN	5:23.66	7 ATSUSHI MARUTA	JPN	33.28	7 TED WALL	AUS	3:05.48
13 YASUNOBU OKAMURA	JPN	5:25.62	8 KENICHI GOMI	JPN	33.74	8 SHIGERU DEGUCHI	JPN	3:06.03
14 JACK SARTORE	USA	5:28.07	9 SCOTT BEASLEY	USA	34.04	8 ROBERT GILLIES	NZL	3:06.03
15 KAZUYA ITOH	JPN	5:33.69	10 JOHN WHATELEY	AUS	34.28	10 T.NAKAMURA	JPN	3:11.31
16 CHIHARU MORITA	JPN	5:39.49	11 TAKASHI IMAMIYA	JPN	34.49	11 YUZURU NAGASAKI	JPN	3:16.45
17 KOUHEI WATANABE	JPN	5:39.51	12 RYO YOSHIDA	JPN	34.51	12 JYUNKICHI OGAWA	JPN	3:17.16
18 KOHICHI FUKUDA	JPN	5:48.37	13 TADASHI KAMIMURA	JPN	34.80	13 NORIO IKEDA	JPN	3:20.78
19 JYUNKICHI OGAWA	JPN	5:49.19	14 CHUNG LEE CHUAN	TPE	34.93	14 NOBORU YOSHII	JPN	3:21.53
20 ROBERT CURTIS	USA	6:06.43	15 JYUN MURASE	JPN	35.14	15 TOSHIROH TANIGAWA	JPN	3:27.99
21 MASAMI MIKAMI	JPN	6:10.56	16 TED WALL	AUS	35.42	16 TOSHIFUMI UHARA	JPN	3:32.24
22 YOSHITO SEKIGAWA	JPN	6:10.80	17 ROBERT GILLIES	NZL	35.79	17 C.HOLLOWAY	AUS	3:34.17
23 TAKASHI KOIDE	JPN	6:11.08	18 NORIO IKEDA	JPN	36.26	18 MASAO KAWANO	JPN	3:39.05
24 KIKUO MUKAI	JPN	6:13.56	19 SALVADOR HUERTA	MEX	36.32	*****		
25 HIDEYUKI KUSABA	JPN	6:13.60	20 NOBORU YOSHII	JPN	36.40	M E N -- 35-39 -- 50 M. BRST		
26 YOSHIAKI TANAKA	JPN	6:15.79	21 NAOYUKI OOTSU	JPN	37.20	*****		
27 NOBUROH MORI	JPN	6:18.46	22 TAKASHI MORIYA	JPN	37.61	1 KEN ZISKIN	USA	32.74
28 GRAEME HOLDSWORTH	AUS	6:22.13	23 T.TAKAKUWA	JPN	38.24	2 YOSHIFUMI ENDOH	JPN	34.47
29 YUHKOH KUWAHARA	JPN	6:24.20	24 YASUNOBU OKAMURA	JPN	38.49	3 MILTOM OHATA	BRA	34.58
30 KANJI MURAKAMI	JPN	6:26.99	25 MASATO YOKOYAMA	JPN	39.80	4 SHIGERU TANABE	JPN	34.70
31 TOMOHARU NISHIDA	JPN	6:32.65	26 YUZURU NAGASAKI	JPN	39.93	5 BOB MOMSEN	USA	34.74
32 MIKIO IKEYA	JPN	6:34.30	27 KAORU OOMACHI	JPN	40.21	6 SATORU FUJIMOTO	JPN	35.17
33 TAKESHI MITA	JPN	6:35.46	28 TOSHIROH TANIGAWA	JPN	40.72	6 KAZUO FURUTA	JPN	35.17
34 BRUCE CLEDHILL	NZL	6:39.06	29 GRAEME HOLDSWORTH	AUS	40.75	8 SHUNJI KUBONO	JPN	35.26
35 ROBERT GILLIES	NZL	6:43.34	30 EIICHI KAMINOKADO	JPN	41.13	9 MITSUO TOMOMURA	JPN	35.48
36 MICHIRU IZAKI	JPN	7:05.87	31 NOBUYUKI KAWAI	JPN	42.25	10 DRAUSIO MEDEIROS	BRA	35.52
37 YOSHIKAZU TAKASE	JPN	7:10.26	32 H.MASUBAYASHI	JPN	42.35	11 TATSUO HAYASHI	JPN	35.55
38 TADASHI TOMIE	JPN	7:31.65	33 HIROSHI KAWASAKI	JPN	42.89	12 LAI SHIVE JIN	TPE	35.64
39 YASUHIRO NAGAO	JPN	7:36.83	34 YUHKICHI MASAHARA	JPN	43.47	13 HIROYUKI NUNOKAWA	JPN	35.71
40 MARK LIPSEY	USA	7:46.50	35 S.TAKAHASHI	JPN	44.49	14 AKIRA NAKANO	JPN	35.74
41 MASAO AIDA	JPN	8:16.00	36 TAKAYUKI ITOH	JPN	45.13	15 TAKAO TATSUMI	JPN	35.95
*****			37 YUHKOH KUWAHARA	JPN	45.15	16 KENJI SATOU	JPN	36.25
M E N -- 35-39 -- 800 M. FREE			38 M.NAKAGAWA	JPN	45.37	17 HIROMICHI INABA	JPN	36.66
*****			39 MASUZOH NARUKAWA	JPN	45.87	18 TETSUYA NAGAHAMA	JPN	36.82
1 RANDY WILLIAMS	USA	9:14.04	40 MICHIRU IZAKI	JPN	46.76	18 EIICHI NAGATSUKA	JPN	36.82
2 TOD SPIEKER	USA	9:39.80	41 YASUHIRO NAGAO	JPN	47.02	20 TAKASHIRO KATAOKA	JPN	37.45
3 JOHN OSTERLOH	USA	9:55.91	42 TOMOHARU NISHIDA	JPN	47.11	21 AKIHITO ISHIGAMI	JPN	37.50
4 JOHN COVACEVICH	AUS	9:55.95	43 KAZUO KIMURA	JPN	47.96	22 JYUN YOSHIDA	JPN	37.52
5 D.UIJTENBOGAART	NED	9:56.90	44 SYOUICHI MORITA	JPN	48.70	23 YUTAKA SHIMIZU	JPN	37.57
6 RALPH HUTTON	CAN	10:14.41	45 MASAKAZU KURIHARA	JPN	50.85	24 Y.NISHIHARA	JPN	37.71
7 EDWARD RUDLOFF	USA	10:18.12	46 YONEO MATSUKI	JPN	51.52	25 LAURIE SMITH	AUS	37.78
8 HIDEO TAKAHASHI	JPN	10:25.61	47 RONALD ADAMS	JPN	52.20	26 LUIZ SANTOS	BRA	37.79
9 WILLIAM LOTZ	USA	10:45.25	48 KOUJI KITAMURA	JPN	1:02.07	27 KUNIO TANIGUCHI	JPN	38.54
10 LAURIE SMITH	AUS	11:01.31	*****			28 JYUN MURASE	JPN	38.75
11 Y.NISHIHARA	JPN	11:05.44	M E N -- 35-39 -- 100 M. BACK			29 T.TAKAKUWA	JPN	39.02
12 KAZUYA ITOH	JPN	11:26.22	*****			30 YUHKICHI MASAHARA	JPN	39.19
13 CHIHARU MORITA	JPN	11:50.49	1 TOD SPIEKER	USA	1:07.64	31 SHIGERU DEGUCHI	JPN	39.34
14 M.MARUYAMA	JPN	12:01.69	2 BILL BARTHOLD	USA	1:07.93	32 KATSUYUKI IDA	JPN	39.38
15 SHIROU YOKOYAMA	JPN	12:11.87	3 JORGE URRETA	MEX	1:09.73	32 TAKESHI MITA	JPN	39.38
16 KOHICHI FUKUDA	JPN	12:11.92	4 FRANK WARNER	USA	1:10.12	34 TOORU HAGANE	JPN	39.58
17 HIDEYUKI KUSABA	JPN	13:03.65	5 SEIJI NAKANISHI	JPN	1:14.32	35 ROBERT HILL	AUS	39.61
18 YUHKOH KUWAHARA	JPN	13:05.76	6 SCOTT BEASLEY	USA	1:15.35	36 KENZO KOHCHI	JPN	39.66
19 SEIICHI OKUSAWA	JPN	13:20.00	7 TAKASHI IMAMIYA	JPN	1:16.73	37 MASAYUKI TANEMURA	JPN	40.09
20 YOSHIAKI TANAKA	JPN	13:27.22	8 ROBERT GILLIES	NZL	1:20.59	38 SHITOMI KUROKI	JPN	40.20
21 SYOSAKU KUDOH	JPN	13:27.68	9 TED WALL	AUS	1:21.98	39 KOHJI UMINO	JPN	40.53
22 SHINICHI MIZUKAMI	JPN	13:59.74	10 NOBORU YOSHII	JPN	1:24.59	40 TAKESHI TAKAMORI	JPN	40.62
23 GORDON KNOWLES	CAN	14:13.35	11 HIROSHI KAWASAKI	JPN	1:34.39	41 TETSUJI FUKUNAGA	JPN	40.78
24 BRUCE CLEDHILL	NZL	14:13.51	12 KENJI HORII	JPN	1:55.22	42 YUZURU NAGASAKI	JPN	40.92
25 NOBORU HIGANO	JPN	14:51.34	13 RON SAVAGE	AUS	1:55.38	43 KENICHI YOSHIDA	JPN	41.05
*****			*****			44 SADAKAZU FURUYA	JPN	41.08
M E N -- 35-39 -- 50 M. BACK			M E N -- 35-39 -- 200 M. BACK			45 MITSUO SATOH	JPN	41.11
*****			*****			46 SALVADOR HUERTA	MEX	41.12
1 FRANK WARNER	USA	31.10	1 TOD SPIEKER	USA	2:25.79	47 GOROH MORI	JPN	41.13
2 TAKEO HIRAMOTO	JPN	31.41	2 BILL BARTHOLD	USA	2:27.66	48 LUF S VENTURA	BRA	41.22
3 JORGE URRETA	MEX	31.62	3 FRANK WARNER	USA	2:31.52	49 T.KOBAYASHI	JPN	41.28

SWIMMING RESULTS - MEN

50 MAMORU HIRAI JPN 41.81	8 EIICHI NAGATSUKA JPN 3:03.28	50 ROBERT GILLIES NZL 38.10
51 KAZUO WATANABE JPN 41.94	9 KAZUYA ITOH JPN 3:04.36	51 TADASHI TOMIE JPN 38.72
52 YOSHIFUMI SAGAWA JPN 42.03	10 HIROYUKI NUNOKAWA JPN 3:05.82	52 MASYOSHI HONDA JPN 39.14
53 KAZUO NISHIMURA JPN 42.25	11 SHIROU YOKOYAMA JPN 3:09.17	53 KAZUO KIMURA JPN 46.68
54 CHUAN HUANG CHING TPE 42.29	12 YOSHIAKI TANAKA JPN 3:11.42	54 RON SAVAGE AUS 53.91
55 YOSHITAKA KOHRA JPN 42.78	13 AKIHITO ISHIGAMI JPN 3:13.87	*****
56 TOSHIO MIYAUCHI JPN 43.04	14 TSUTOMU WATANABE JPN 3:24.63	M E N -- 35-39 -- 100 M. FLY
57 KAZUO KIMURA JPN 43.58	15 GORDON KNOWLES CAN 3:28.44	*****
58 RYO OKAMOTO JPN 44.37	16 YUHKICHI MASAHARA JPN 3:29.40	1 RYOICHI KURAHARA JPN 1:01.90
59 KAZUAKI KIRA JPN 44.60	17 MIKIO IKEYA JPN 3:30.11	2 STEVE BOSTER USA 1:02.65
60 SHOZO UENO JPN 45.17	18 TOSHIFUMI UHARA JPN 3:39.57	3 RANDY WILLIAMS USA 1:02.73
61 IAN BENTLEY NZL 45.62	19 MARK LIPSEY USA 3:41.19	4 RICHARD HAAS USA 1:03.68
62 K.URUSHIBATA JPN 46.70	20 TETSUJI KAMIYA JPN 3:52.69	5 JOHN COVACEVICH AUS 1:03.84
63 AKITAKA KAWAKAMI JPN 46.83	21 C.HOLLOWAY AUS 3:59.09	6 JOHN FOOTE USA 1:04.46
64 KATSUJI SHIDA JPN 46.91	22 KOUJI KITAMURA JPN 4:39.41	7 NORIAKI TSUJI JPN 1:06.96
65 KAZUAKI ODANAKA JPN 48.37	*****	8 JOHN WHALEY AUS 1:07.52
66 FUKUO HORIKOSHI JPN 49.22	M E N -- 35-39 -- 50 M. FLY	9 STEIN BERGBY AUS 1:09.06
67 S.TAKAHASHI JPN 49.62	*****	10 EDWARD RUDLOFF USA 1:11.17
68 SYOICHI MORITA JPN 50.80	1 JOHN FOOTE USA 27.00	11 RICHARD SESLER USA 1:16.09
69 KAZUKIYO MIYATA JPN 51.36	2 RYOICHI KURAHARA JPN 27.68	12 ISAO SASAKI JPN 1:19.64
70 TETSUO KATOH JPN 51.86	3 STEVE BOSTER USA 28.02	13 KAORU OOMACHI JPN 1:21.87
*****	4 RICHARD HAAS USA 28.52	14 SHIROU YOKOYAMA JPN 1:22.33
M E N -- 35-39 -- 100 M. BRST	5 JOHN WHALEY AUS 28.79	15 MASAYUKI TANEMURA JPN 1:23.56
*****	6 NORIAKI TSUJI JPN 29.24	16 MASASHI OOHINATA JPN 1:28.99
1 KEN ZISKIN USA 1:12.09	7 J.TSUTSUMI JPN 29.53	17 TAKESHI MITA JPN 1:34.94
2 MILTON OHATA BRA 1:17.25	8 SIDNEY TABUSO BRA 29.62	18 KEIJI AONUMA JPN 1:38.96
3 TOSHIHARU FUJII JPN 1:18.23	9 STEIN BERGBY AUS 30.14	19 MASAHARU IWAHANA JPN 1:40.01
4 SHIGERU TANABE JPN 1:19.04	10 NORIO SUGIOKA JPN 30.43	*****
5 SATORU FUJIMOTO JPN 1:19.14	11 MITSUO TOMOMURA JPN 30.60	M E N -- 35-39 -- 200 M. FLY
6 SHUNJI KUBONO JPN 1:19.93	12 EDWARD RUDLOFF USA 30.62	*****
7 KAZUO FURUTA JPN 1:19.97	13 JYUNICHIROH NAGI JPN 30.73	1 RANDY WILLIAMS USA 2:17.49
8 KENJI SATOU JPN 1:21.44	14 CHUNG LEE CHUAN TPE 30.81	2 JOHN COVACEVICH AUS 2:25.18
9 LAURIE SMITH AUS 1:21.63	15 JACK SARTORE USA 30.95	3 RALPH HUTTON CAN 2:40.18
10 EIICHI NAGATSUKA JPN 1:21.78	16 T.YAMAGUCHI JPN 30.97	4 D.UIJTENBOGAART NED 2:45.66
11 LAI SHIVE JIN TPE 1:21.90	17 TAKUMI HAMA JPN 31.02	5 EDWARD RUDLOFF USA 2:45.74
12 YOSHIAKI TANAKA JPN 1:22.96	18 KOUSEI MORITA JPN 31.03	6 STEIN BERGBY AUS 2:53.34
13 SHIGEO YAMAMOTO JPN 1:23.53	19 ISAO FUJIMOTO JPN 31.63	7 JYUNKICHI OGAWA JPN 3:00.26
14 PETER JOY AUS 1:24.02	20 RYO YOSHIDA JPN 31.68	8 WILLIAM LOTZ USA 3:08.24
15 AKIHITO ISHIGAMI JPN 1:25.48	21 ANTONIO CASTRO BRA 31.75	9 SHIGERU OJIMA JPN 3:16.55
16 HIDEO NISHIKAWA JPN 1:28.06	22 YUICHI SHIMIZU JPN 31.75	10 GORDON KNOWLES CAN 3:46.42
17 KATSUYUKI IDA JPN 1:29.84	23 LUIS VENTURA BRA 31.83	*****
18 SACHIO SHIMOJIMA JPN 1:31.25	24 SANSIROH SATOH JPN 31.88	M E N -- 35-39 -- 200 M. I.M.
18 YUHKICHI MASAHARA JPN 1:31.25	25 TOSHIAKI SATOH JPN 32.02	*****
20 YUZURU NAGASAKI JPN 1:32.34	26 YASUNOBU OKAMURA JPN 32.07	1 RICHARD HAAS USA 2:27.03
21 KENZO KOHCHI JPN 1:32.56	27 JYUNKICHI OGAWA JPN 32.38	2 JOHN COVACEVICH AUS 2:30.11
22 SALVADOR HUERTA MEX 1:32.99	28 KAORU OOMACHI JPN 32.43	3 TAKEO HIRAMOTO JPN 2:30.46
23 KOHICHI OKADA JPN 1:33.19	29 IZUMI YAMAGUCHI JPN 32.49	4 J.TSUTSUMI JPN 2:34.58
24 GORDON KNOWLES CAN 1:35.03	30 MASAYUKI TANEMURA JPN 32.64	5 D.UIJTENBOGAART NED 2:36.26
25 TAKAYUKI FUKUDA JPN 1:36.04	31 YOSHIO ASAKA JPN 32.94	6 RALPH HUTTON CAN 2:39.63
26 MITSUO SATOH JPN 1:37.75	32 RYUICHI CHUJYO JPN 33.17	7 TOSHIHARU FUJII JPN 2:40.60
27 TOSHIO MIYAUCHI JPN 1:37.99	33 YOSHIMURA SEINO JPN 33.25	8 PETER JOY AUS 2:40.83
28 KENJI TANAKA JPN 1:38.26	34 ROBERT HILL AUS 33.76	9 MASANOBU ANDOH JPN 2:44.06
29 MASAHARU IWAHANA JPN 1:38.70	35 TAKESHI MITA JPN 34.25	10 MILTON OHATA BRA 2:44.25
30 KAZUO NISHIMURA JPN 1:39.69	36 M.HAGIWARA JPN 34.33	11 WILLIAM LOTZ USA 2:49.66
31 KAZUAKI KIRA JPN 1:40.57	37 SACHIO SHIMOJIMA JPN 34.58	12 CHIHARU MORITA JPN 2:51.34
32 C.HOLLOWAY AUS 1:42.28	38 MIKIO HIROSE JPN 34.92	13 RICHARD SESLER USA 2:52.71
33 JYOJI IMAI JPN 1:43.51	39 TED WALL AUS 35.14	14 LUIS VENTURA BRA 3:02.60
*****	40 KENJI INOUE JPN 35.43	15 HIROMICHI INABA JPN 3:04.05
M E N -- 35-39 -- 200 M. BRST	41 NOBUHIRO GONDOH JPN 36.16	16 GORDON KNOWLES CAN 3:08.73
*****	42 NOBUYUKI KAWAI JPN 36.24	17 YOSHIAKI TANAKA JPN 3:14.87
1 KEN ZISKIN USA 2:40.18	43 KAZUO ARAYA JPN 36.36	18 YOSHIO ASAKA JPN 3:15.16
2 BOB MOMSEN USA 2:49.15	44 AKIO NARITA JPN 36.61	19 TOSHIFUMI UHARA JPN 3:20.45
3 LAURIE SMITH AUS 2:59.29	45 YUTAKA SHINOZAKI JPN 36.75	20 NOBUYUKI KAWAI JPN 3:29.12
4 MASANOBU ANDOU JPN 2:59.64	46 IAN BENTLEY NZL 36.78	21 MASAHARU IWAHANA JPN 3:41.49
5 PETER JOY AUS 2:59.76	47 TAKASHI MORIYA JPN 36.79	*****
6 LAI SHIVE JIN TPE 3:01.41	48 MINORU INOUE JPN 37.73	M E N -- 40-44 -- 50 M. FREE
7 SHIGEO YAMAMOTO JPN 3:02.37	49 TOSHIROH TANIGAWA JPN 37.88	*****



SWIMMING RESULTS - MEN

15	JYOJI OHTAKE	JPN	6:06.41	28	YASUTAKA FUJII	JPN	44.59	11	TOM COWDELL	NZL	37.00
16	AKIHIRO INUI	JPN	6:09.44	29	MASAKATSU IWASE	JPN	44.91	12	JAMES BEGLINGER	USA	37.17
17	KENJI MIYAKOSHI	JPN	6:16.29	30	YUKIO FUJITA	JPN	45.56	13	FUKUJI KOIZUMI	JPN	37.29
18	KENICHI YAMASHITA	JPN	6:20.32	31	KOHICHI NAGASAKI	JPN	45.66	14	HIROAKI MASUDA	JPN	37.31
19	SYUJI KON	JPN	6:32.93	32	SHIGEKI IWAI	JPN	45.93	15	YUHICHI SHIMOTSU	JPN	37.54
20	HIDEO WATANABE	JPN	6:36.78	33	KENJI AIHARA	JPN	46.53	16	DICK MORRIS	GBR	37.73
21	NEIL RAYNER	NZL	6:42.53	34	TAMAO YOSHINO	JPN	46.87	17	SEIICHI HAGIWARA	JPN	38.01
22	HISAO CHUJYO	JPN	6:58.32	35	AKIRA SUZUKI	JPN	47.70	18	KOHICHI NARUSE	JPN	38.92
23	TOMOHIKO YOSHIDA	JPN	7:03.18	36	ISAO OOKODA	JPN	49.39	19	EIJI ISHII	129	39.12
24	DON MCINTOSH	USA	7:07.35	37	D.HATTORI	JPN	1:00.14	20	ED RAWLS	USA	39.33
25	MASAMI KARASAWA	JPN	7:09.50	38	K.ISHIHARA	JPN	1:05.15	21	F.TAKAHASHI	JPN	39.76
26	GAKU MATSUMOTO	JPN	7:25.78	*****							
27	TOSHIO OOI	JPN	7:53.04	M E N -- 40-44 -- 100 M. BACK							
28	HERBERT THOMAS	USA	8:05.66	*****							
*****				1	CHUCK GANTNER	USA	1:08.29	24	HAJIME SAKA	JPN	40.16
M E N -- 40-44 -- 800 M. FREE				2	EDWARD GRAY	USA	1:09.88	25	MINORU TORIYAMA	JPN	40.45
*****				3	BOB WELTY	USA	1:11.38	26	TOSHIO SOTOKI	JPN	40.49
*****				4	JAMES BEGLINGER	USA	1:12.73	27	HIROSHI KATAYAMA	JPN	40.62
1	EDWARD GRAY	USA	9:48.41	5	HIROSHI NONAKA	JPN	1:13.45	28	HIROYASU CHIKURA	JPN	40.87
2	MIKE GARIBALDI	USA	9:58.45	6	PAUL HENNE	USA	1:13.62	29	KATSUJI ASHIDA	JPN	41.14
3	IAN BUTTERWORTH	NZL	10:22.24	7	BRIAN HAYES	AUS	1:15.10	30	N.TSUKAMOTO	JPN	41.26
4	KEVIN KELLY	USA	10:37.16	8	F.LAURO DA SILVA	BRA	1:18.56	31	TAKESHI TABUCHI	JPN	41.62
5	GORDON RATZLAFF	JPN	11:13.78	9	KIYOTAKA ISOGAI	JPN	1:19.96	32	FRANK BUTT	NZL	41.68
6	SEIZOH MOURI	JPN	11:20.35	10	STEVE GOSSE	CAN	1:22.16	33	TAKAHIRO MIYABE	JPN	41.96
7	MIGUEL CAGNONI	BRA	11:47.62	11	KEN HICKEY	USA	1:22.47	34	SUSUMU MATSUDA	JPN	42.34
8	MAKOTO ENDOH	JPN	11:49.66	12	YUHZOH MURAKAMI	JPN	1:22.63	35	HIROYUKI OOTSU	JPN	42.39
9	JACQUES HERSKOVIC	BRA	11:57.61	13	NAIL SMUTH	NZL	1:23.28	36	TOSHIO SUZUKI	JPN	42.43
10	DOUGLAS PERKS	CAN	12:20.70	14	HOWARD EVANS	USA	1:23.93	37	HIROHARU ITOH	JPN	42.61
11	MASAHICO ISHIDA	JPN	12:34.65	15	JYUN SUZUKI	JPN	1:25.83	38	YASUYUKI NISHIOKA	JPN	42.70
12	KENJI MIYAKOSHI	JPN	12:40.22	16	RICHARD DOOLEY	USA	1:27.74	39	FUMIHIKO AKASHI	JPN	42.96
13	HATASU NITTA	JPN	12:59.83	17	T.SAKAMOTO	JPN	1:28.29	40	YOSHIO ISOBE	JPN	43.03
14	KENICHI YAMASHITA	JPN	13:27.25	18	GEAFFREY CASHMAN	USA	1:29.57	41	TSUTOMU SAWADA	JPN	43.17
15	HIDEO WATANABE	JPN	14:13.17	19	TOYOHIRO MURAYAMA	JPN	1:29.69	42	KENJI KOBAYASHI	JPN	43.27
16	FUJIO IWATSUKI	JPN	14:22.95	20	LOU LOMBARDI	CAN	1:34.59	43	YUKIO AKASHI	JPN	43.34
17	K.SHIBAZAKI	JPN	15:12.87	21	TADASHI SATOH	JPN	1:44.38	44	TERUO KIKUCHI	JPN	43.77
18	GAKU MATSUMOTO	JPN	15:43.77	*****							
19	HIDEKI KOBAYASHI	JPN	15:50.58	M E N -- 40-44 -- 200 M. BACK							
20	SHIGETAKA KATOU	JPN	19:39.50	*****							
*****				1	CHUCK GANTNER	USA	2:30.56	47	VICTOR MCDONALD	AUS	44.14
M E N -- 40-44 -- 50 M. BACK				2	EDWARD GRAY	USA	2:30.70	48	MASAKUNI HIWASA	JPN	44.64
*****				3	BOB WELTY	USA	2:40.93	49	KUNIHICO SONODA	JPN	45.12
1	CHUCK GANTNER	USA	30.49	4	JAMES BEGLINGER	USA	2:44.23	50	TOKIO IWASAKI	JPN	45.26
2	BOB WELTY	USA	31.54	5	HIROSHI NONAKA	JPN	2:45.25	51	MASURAO KINEMUCHI	JPN	45.27
3	JAMES BEGLINGER	USA	31.87	6	BRIAN HAYES	AUS	2:46.18	52	MASAKATSU IWASE	JPN	45.35
4	PHILLIP WHITTEN	USA	31.99	7	NORIO OHATA	JPN	2:48.45	53	DON MCINTOSH	USA	45.62
5	EDWARD GRAY	USA	32.68	8	PHILLIP WHITTEN	USA	2:55.63	54	BAYLY TANNER	NZL	45.74
6	PAUL HENNE	USA	33.04	9	F.LAURO DA SILVA	BRA	2:56.25	55	TATEO OOUCHI	JPN	45.80
7	HIROSHI NONAKA	JPN	33.65	10	KEN HICKEY	USA	2:56.83	56	YOSHIHISA ITOH	JPN	45.85
8	BRIAN HAYES	AUS	33.67	11	STEVE GOSSE	CAN	3:00.94	57	HIROSHI TABATA	JPN	45.89
9	F.LAURO DA SILVA	BRA	34.80	12	NAIL SMUTH	NZL	3:06.66	58	H.SARASHIMA	JPN	47.36
10	KIYOTAKA ISOGAI	JPN	35.85	13	YUHZOH MURAKAMI	JPN	3:10.39	59	HIDEO KOYAMA	JPN	47.69
11	NAIL SMUTH	NZL	36.31	14	GEAFFREY CASHMAN	USA	3:20.77	60	K.ISHIHARA	JPN	47.85
12	HOWARD EVANS	USA	36.37	15	HOWARD EVANS	USA	3:23.19	61	SHIGEFUMI ISOBE	JPN	48.25
13	STEVE GOSSE	CAN	36.43	16	Y.TAKASAKI	JPN	3:58.88	62	T.KUSUMOTO	JPN	48.48
14	YUHZOH MURAKAMI	JPN	36.53	*****							
15	KEN HICKEY	USA	37.42	M E N -- 40-44 -- 50 M. BRST							
16	THOMAS BOAK	USA	37.82	*****							
17	RICHARD DOOLEY	USA	37.95	1	RAFAEL HERNANDEZ	MEX	33.10	M E N -- 40-44 -- 100 M. BRST			
18	AKIO IRIE	341	38.41	2	PAUL HENNE	USA	33.31	*****			
19	FUJIO HASHIMOTO	JPN	39.51	3	YOSHITADA MAEDA	JPN	33.88	1	RAFAEL HERNANDEZ	MEX	1:13.03
20	LOU LOMBARDI	CAN	39.56	4	THOMAS BOAK	USA	34.41	2	PAUL HENNE	USA	1:15.12
21	TOSHINOBU IWAMOTO	JPN	39.74	5	K.MATSUMOTO	JPN	34.66	3	YOSHITADA MAEDA	JPN	1:15.83
22	GEAFFREY CASHMAN	USA	41.16	6	TERUO IWATA	JPN	34.76	4	GEOFFREY BURKE	USA	1:17.09
23	NORIYUKI TSUMURA	JPN	42.55	7	GEOFFREY BURKE	USA	34.97	5	THOMAS BOAK	USA	1:17.90
24	YOUSUKE OONISHI	JPN	42.93	8	TETSUAKI YABUTA	JPN	35.49	6	TERUO IWATA	JPN	1:17.99
25	RYUKICHI IWAKAMI	JPN	43.29	9	HIDEYO WATANABE	JPN	36.49	7	PHILLIP WHITTEN	USA	1:21.24
26	BAYLY TANNER	NZL	43.47	10	TYAN CHEN TSUN	TPE	36.64	8	ALLEN MURRAY	USA	1:22.60
27	HIROMOTO KUKITA	JPN	43.91								

SWIMMING RESULTS - MEN

9	TYAN CHEN TSUN	TPE	1:24.72	15	F.LAURO DA SILVA	BRA	32.56	4	MIKE GARIBALDI	USA	2:38.97
10	TOM COWDELL	NZL	1:24.73	16	YOSHIHIRO OGURA	JPN	33.00	5	BOB WELTY	USA	2:40.22
11	DICK MORRIS	GBR	1:25.70	17	RICHARD DOOLEY	USA	33.08	6	HIROSHI NONAKA	JPN	2:43.17
12	AKIRA KONDO	JPN	1:26.42	17	YOHZOH ABE	JPN	33.08	7	IAN BUTTERWORTH	NZL	2:48.00
13	WANG CHIA	TPE	1:27.06	19	KENJI MIYAKOSHI	JPN	33.34	8	AKIRA KONDO	JPN	2:55.89
14	SYUJI KON	JPN	1:28.75	19	NOBUAKI SHODA	JPN	33.34	9	SUEAKI SASAKI	JPN	2:56.02
15	YOSHIKI HASEGAWA	JPN	1:29.74	21	AKIO IRIE	JPN	34.14	10	SHOJO KIKUCHI	JPN	2:56.23
16	EIJI ISHII	JPN	1:29.75	22	GAKU MATSUMOTO	JPN	34.36	11	YUHICHI SHIMOTSU	JPN	2:57.53
17	ED RAWLS	USA	1:31.93	23	KAZUMASU FUKUZAWA	JPN	34.44	12	STEVE GOSSE	CAN	2:59.39
18	TOSHIO SOTOKI	JPN	1:32.67	24	JYUN SUZUKI	JPN	34.54	13	KEVIN KELLY	USA	3:03.46
19	FRANK BUTT	NZL	1:33.57	25	MASUO IKEMURA	JPN	35.10	14	T.SAKAMOTO	JPN	3:06.28
20	HIROYASU CHIKURA	JPN	1:34.25	26	MINORU TORIYAMA	JPN	35.56	15	KEN HICKEY	USA	3:08.86
21	HIROHARU ITOH	JPN	1:34.39	27	HIROYASU HAYASHI	JPN	35.59	16	HOWELL EVANS	USA	3:09.90
22	MITSUHIDE UETANI	JPN	1:34.50	28	BRIAN HAYES	AUS	35.77	17	GEAFFREY CASHMAN	USA	3:15.72
23	N.TSUKAMOTO	JPN	1:36.55	29	HIROSHI TAKAHARA	JPN	35.89	18	ED RAWLS	USA	3:19.31
24	FUMIHIKO KURIHARA	JPN	1:37.75	30	HIDEO WATANABE	JPN	36.22	19	DON MCINTOSH	USA	3:36.17
25	HIROSHI KATAYAMA	JPN	1:39.24	31	Y.TAKASAKI	JPN	36.28	*****			
26	YUKIO AKASHI	JPN	1:40.65	32	SEHCHI SUZUKI	JPN	36.34	M E N -- 45-49 -- 50 M. FREE			
27	KIYOSHI NARITA	JPN	1:42.34	33	FUJIO HASHIMOTO	JPN	36.99	*****			
28	DON MCINTOSH	USA	1:43.17	34	YASUTAKA FUJII	JPN	37.18	1	RYUJI TAKAMINE	JPN	26.70
29	HIROMU MADATE	JPN	1:44.48	35	SHIGEKI IWAI	JPN	38.12	2	GYORGY PAVETITS	BRA	27.41
*****				36	TERUO KIKUCHI	JPN	38.44	3	AKIRA TAKAKURA	JPN	27.48
M E N -- 40-44 -- 200 M. BRST				37	YASUO YOKOYAMA	JPN	39.47	4	KARL DONOGHUE	CAN	27.68
*****				38	TADAYOSHI OGAWA	JPN	39.50	5	CHARLES RAVEN	USA	27.83
1	PAUL HENNE	USA	2:50.32	39	EITOSHI ARAI	JPN	39.82	6	RICHARD BASSI	USA	27.89
2	RAFAEL HERNANDEZ	MEX	2:51.97	40	MASAKATSU IWASE	JPN	40.07	7	KATSUMI SASAKI	JPN	28.20
3	GEOFFREY BURKE	USA	2:52.39	41	ISAO KATAYAMA	JPN	42.71	8	WILLIAM VAN HORN	USA	28.41
4	THOMAS BOAK	USA	2:56.32	42	HIROMU MADATE	JPN	45.34	9	IAN MCLEAN	GBR	28.54
5	PHILLIP WHITTEN	USA	2:57.02	43	Y.INOGUCHI	JPN	46.44	10	HENRY SOUTHALL	USA	28.66
6	TERUO IWATA	JPN	2:57.19	44	D.HATTORI	JPN	52.63	11	RUDOLF JOHANNES	FRG	28.81
7	TETSUAKI YABUTA	JPN	3:04.91	*****				12	D.STRAKERJAHN	FRG	28.90
8	ALLEN MURRAY	USA	3:05.84	M E N -- 40-44 -- 100 M. FLY				13	GARY STUTSEL	AUS	28.95
9	DICK MORRIS	GBR	3:09.32	*****				14	DIETER BACHMANN	FRG	29.12
10	TOM COWDELL	NZL	3:10.63	1	TIMOTHY GARTON	USA	1:04.31	15	SHANG WANG YAW	TPE	29.18
11	HIROAKI MASUDA	JPN	3:10.83	2	STEPHEN CLARK	USA	1:06.00	16	RON NAKATA	USA	29.83
12	WANG CHIA	TPE	3:12.13	3	RAFAEL HERNANDEZ	MEX	1:06.24	17	TADAHIKO SAKATANI	JPN	29.96
13	SEIJI KOMAKI	JPN	3:15.11	4	A.HIGASHIURA	JPN	1:08.87	18	SUMIO SAKAI	JPN	30.43
14	SEIICHI HAGIWARA	JPN	3:17.34	5	GIICHIROH YAMADA	JPN	1:16.23	19	Y.SHISHIDA	JPN	30.51
15	SUSUMU MATSUDA	JPN	3:26.15	6	NOBUATSU HAYASHI	JPN	1:16.43	19	TAKESHI HIRATA	JPN	30.51
16	HIROHARU ITOH	JPN	3:31.11	7	YOHZOH ABE	JPN	1:17.86	19	DAVID HARRISON	USA	30.51
17	N.KAWAGUCHI	JPN	3:33.46	8	YUHICHI SHIMOTSU	JPN	1:17.91	22	SHUN HSU CHIEH	TPE	30.77
18	HIDEO YOKOYAMA	JPN	3:33.82	9	AKIRA NAKAJIMA	JPN	1:19.88	23	YOSHINORI USHIO	JPN	30.80
19	TOSHIO SOTOKI	JPN	3:35.05	10	JACQUES HERSKOVIC	BRA	1:19.96	24	SANJI TAMAKI	JPN	30.84
20	KATSUJI ASHIDA	JPN	3:35.45	11	GAKU MATSUMOTO	JPN	1:21.78	25	HIDENORI MORI	JPN	30.85
21	N.TSUKAMOTO	JPN	3:38.35	12	YUHICHI FURUTA	JPN	1:37.10	26	EUGENIO KOSLINSKI	BRA	31.04
22	HIROMU MADATE	JPN	3:49.54	13	GEAFFREY CASHMAN	USA	1:37.58	27	SERGIO PASTORE	ITA	31.36
23	KATSUO SATOH	JPN	3:50.78	14	TOSHIO OOI	JPN	1:44.44	28	ATSUSHI MAEDA	JPN	31.65
24	DON MCINTOSH	USA	3:51.23	15	NORIYUKI TSUMURA	JPN	1:46.46	29	HINAMI KATOH	JPN	32.24
25	KIYOSHI NARITA	JPN	3:52.83	16	ISAO KATAYAMA	JPN	1:53.27	30	FUMIAKI ISONO	JPN	32.30
26	SHIGETAKA KATOU	JPN	4:43.53	*****				31	M.MIYAZAKI	JPN	32.31
*****				M E N -- 40-44 -- 200 M. FLY				32	DORGLAS BEWS	AUS	33.05
M E N -- 40-44 -- 50 M. FLY				*****				33	SUSUMU FUJII	JPN	33.33
*****				1	NABUATSU HAYASHI	JPN	3:07.95	34	MOTOHIKO WATANABE	JPN	33.35
1	STEPHEN CLARK	USA	27.76	2	YUHICHI SHIMOTSU	JPN	3:13.57	35	YUKIO NAKAZAWA	JPN	33.45
2	CHUCK GANTNER	USA	28.48	3	GHCIROH YAMADA	JPN	3:14.56	36	S.NAKASHIMA	JPN	33.72
3	RAFAEL HERNANDEZ	MEX	29.38	4	GAKU MATSUMOTO	JPN	3:16.17	37	HIDENORI MORI	JPN	33.82
4	DENNIS CRAIG	USA	29.84	5	JACQUES HERSKOVIC	BRA	3:26.73	38	HERMAN RADEMAKER	NED	33.87
5	A.HIGASHIURA	JPN	30.34	6	YOSHIHIRO KISHI	JPN	3:28.22	39	MINORU TANAKA	JPN	34.10
6	BOB WELTY	USA	30.40	7	DICK MORRIS	GBR	3:33.94	40	NAOHIKO OKUYAMA	JPN	34.18
7	NOVUATSU HAYASI	JPN	30.54	8	HIROAKI ISHIGURO	JPN	3:40.27	41	KEIZOH FUJII	JPN	34.68
8	KENSUKE OKAMURA	JPN	30.92	9	TOSHIO OOI	JPN	3:55.83	42	KEN LIDDY	AUS	34.98
9	TAKAHIRO TOKUDA	JPN	30.94	*****				43	NORIO IWANAGA	JPN	35.00
10	YOSHIHIRO KISHI	JPN	31.05	M E N -- 40-44 -- 200 M. I.M.				44	KOUJYU TAGA	JPN	35.29
11	YUHICHI SHIMOTSU	JPN	31.35	*****				45	MINORU MATSUMOTO	JPN	35.30
12	JACQUES HERSKOVIC	BRA	31.40	1	TIMOTHY GARTON	USA	2:24.62	46	CLIFFORD STEER	CAN	36.17
13	WEBSTER WARWICK	AUS	31.64	2	D CRAIG DENNIS	USA	2:37.34	47	JIM TURPIE	NZL	36.28
14	GIICHIROH YAMADA	JPN	31.99	3	JAMES BEGLINGER	USA	2:38.24	48	KOHICHI FUJITA	JPN	36.63

SWIMMING RESULTS - MEN

49 ISAO FUGINUKI	JPN	36.84	42 MASAO ITOU	JPN	1:17.65	38 ISAO FUGINUKI	JPN	3:15.56
50 DAVID MASON	NZL	37.10	43 YUKIO HOSAYA	JPN	1:17.85	39 YOSHIKI OKUBO	JPN	3:15.88
51 BRUCE HOCKING	AUS	37.30	44 KEN LIDDY	AUS	1:19.67	40 TREVOR ANDERSEN	AUS	3:20.06
52 NOBUICHI INNAMI	JPN	37.33	45 TAKESHI TOUDA	JPN	1:20.52	41 KEN LIDDY	AUS	3:21.98
53 TAKEO MATSUMOTO	JPN	37.74	46 HIROYASU AKIBA	JPN	1:20.75	42 NOBUYA SORAOKA	JPN	3:26.50
54 SEIJI KOBAYASHI	JPN	37.78	47 AKIRA KAWASAKI	JPN	1:22.74	43 ISAO SAKURAI	JPN	3:31.45
55 STAN WHITLEY	NZL	37.85	48 HIROMICHI MORI	JPN	1:24.59	44 STAN WHITLEY	NZL	3:34.00
56 NOBUYA SORAOKA	JPN	37.86	49 SHIGETO HODATE	JPN	1:25.17	45 MANICHI YAMANAKA	JPN	3:37.69
57 YOSHIYA TANAKA	JPN	37.94	50 CLIFFORD STEER	CAN	1:25.63	46 HIDEO OHTAKI	JPN	3:47.25
57 AKIO TAKEDA	JPN	37.94	51 TAKENOBU OKAMOTO	JPN	1:25.88	47 TOSHIYUKI INASAWA	JPN	3:57.05
59 HIRONORI ITOH	JPN	37.96	52 YASUHIKO KAIYA	JPN	1:26.18	*****		
60 LYALL MORTIMER	NZL	38.61	53 MOTOHISA SUZUKI	JPN	1:26.69	M E N -- 45-49 -- 400 M. FREE		
61 DAVID MARRIOTT	NZL	38.85	54 ISAO FUGINUKI	JPN	1:26.84	*****		
62 HISAO KURIHARA	JPN	38.99	55 TREVOR ANDERSEN	AUS	1:27.25	1 DAVID HARRISON	USA	5:03.51
63 TAKAO TSUKADA	JPN	39.05	56 DAVID MASON	NZL	1:27.37	2 HENRY SOUTHALL	USA	5:03.55
64 MITSUROH MIYAUCHI	JPN	39.44	57 BRUCE HOCKING	AUS	1:28.11	3 RAYMOND STOKES	GBR	5:04.23
65 SHIGERU IMAI	JPN	39.46	58 NOBUYA SORAOKA	JPN	1:28.70	4 KAZUYA NISHINO	JPN	5:04.49
66 ATSUSHI MAEDA	JPN	40.76	59 JIM TURPIE	NZL	1:29.10	5 IAN MCLEAN	GBR	5:09.03
67 KEN HARUYAMA	JPN	43.34	60 TAKEO MATSUMOTO	JPN	1:30.72	6 WILLIAM VAN HORN	USA	5:11.92
68 MASAMI ARAKI	JPN	43.35	61 MANICHI YAMANAKA	JPN	1:31.89	7 MURRAY MCLACHLAN	USA	5:13.47
69 KAORU SUGAYA	JPN	43.40	62 STAN WHITLEY	NZL	1:32.64	8 CHARLES RAVEN	USA	5:17.56
70 TAKEO SHINAGAWA	JPN	48.58	63 DAVID MARRIOTT	NZL	1:33.67	9 RYUICHI ICHIKAWA	JPN	5:38.93
71 YOSHITAKE HASEBE	JPN	50.89	64 KAORU SUGAYA	JPN	1:39.03	10 WATARU OKADA	JPN	5:44.00
*****			65 TOSHIYUKI INASAWA	JPN	1:39.73	11 DON MAY	USA	5:48.44
M E N -- 45-49 -- 100 M. FREE			66 AKIRA MORIKAWA	JPN	1:40.39	12 KOHZO UCHIDA	JPN	5:48.69
*****			67 RONALD CLARK	USA	1:51.32	13 IVAN WINGATE	AUS	5:49.02
1 RICHARD BASSI	USA	1:01.55	68 TATSUYUKI GOTOH	JPN	1:52.12	14 KENWYN WOODS	NZL	5:52.49
2 WILLIAM VAN HORN	USA	1:02.25	*****			15 TSUTOMU MIYAUCHI	JPN	5:52.70
3 TEGZE HARASZTI	USA	1:02.35	M E N -- 45-49 -- 200 M. FREE			16 MASAYUEI YAGI	JPN	6:04.68
4 KARL DONOGHUE	CAN	1:02.69	*****			17 GEOFFREY ROBINSON	AUS	6:10.94
5 IAN MCLEAN	GBR	1:02.94	1 TEGZE HARASZTI	USA	2:15.49	18 TAMOTSU SUZUKI	JPN	6:11.01
6 HENRY SOUTHALL	USA	1:03.01	2 HENRY SOUTHALL	USA	2:19.16	19 NOBORU AKIYAMA	JPN	6:17.18
7 CHARLES RAVEN	USA	1:03.11	3 WILLIAM VAN HORN	USA	2:20.23	20 YOSHIKI SAJI	JPN	6:17.52
8 AKIRA TAKAKURA	JPN	1:03.45	4 KAZUYA NISHINO	JPN	2:21.41	21 M. MIYASHITA	JPN	6:23.58
9 RAYMOND STOKES	GBR	1:03.66	5 MURRAY MCLACHLAN	USA	2:21.57	22 CLIFF EDDY	AUS	6:27.11
10 D. STRAKERJAHN	FRG	1:04.57	6 IAN MCLEAN	GBR	2:22.96	23 YUKIO HOSAYA	JPN	6:28.74
11 KATSUMI SASAKI	JPN	1:04.68	7 DAVID HARRISON	USA	2:24.46	24 PETER LONG	AUS	6:35.07
12 Y. FUNAHASHI	JPN	1:04.88	8 CHARLES RAVEN	USA	2:25.70	25 AIJI KIMURA	JPN	6:37.26
13 GYORGY PAVETITS	BRA	1:05.52	9 Y. FUNAHASHI	JPN	2:31.15	26 ISAMU YOSHIZAWA	JPN	6:41.97
14 ITTUKI TSUNODA	JPN	1:06.25	10 KOHZO UCHIDA	JPN	2:32.88	27 BERT THOMAS	NZL	6:42.30
15 RON NAKATA	USA	1:06.32	11 D. STRAKERJAHN	FRG	2:34.14	28 DOUGLAS HEWS	USA	6:42.47
15 HIDEKI SOGOH	JPN	1:06.32	12 RON NAKATA	USA	2:34.30	29 TOSHIROH KOGA	JPN	6:48.40
17 DAVID HARRISON	USA	1:06.50	13 ITTUKI TSUNODA	JPN	2:35.23	30 MASAO ITOU	JPN	6:49.83
18 DIETER BACHMANN	FRG	1:06.64	14 DIETER BACHMANN	FRG	2:35.53	31 H. TAKAHASHI	JPN	6:53.70
19 KOHZO UCHIDA	JPN	1:06.70	15 MINORU KOBAYASHI	JPN	2:36.59	32 YUKIHIISA WATARAI	JPN	6:58.65
20 MASATERU ISA	JPN	1:07.48	16 TAKESHI SEKIDO	JPN	2:38.05	33 TAKAO MIYAKE	JPN	7:00.74
21 GARY STUTSEL	AUS	1:07.64	17 RYUICHI ICHIKAWA	JPN	2:39.63	34 TREVOR ANDERSEN	AUS	7:00.77
22 MINORU KOBAYASHI	JPN	1:07.65	18 MASATERU ISA	JPN	2:39.81	35 TAKENOBU OKAMOTO	JPN	7:01.70
23 TADAHIKO SAKATANI	JPN	1:08.07	19 IVAN WINGATE	AUS	2:40.58	36 KEN LIDDY	AUS	7:23.43
24 TUYOSHI YAMANAKA	JPN	1:08.93	20 TSUTOMU MIYAUCHI	JPN	2:40.90	37 KOHEI KANEKO	JPN	7:30.26
25 IVAN WINGATE	AUS	1:10.06	21 DON MAY	USA	2:41.44	38 ISAO SAKURAI	JPN	7:46.94
26 JOHN BROGAN	GBR	1:10.10	22 STANLEY PANKO	USA	2:45.59	*****		
27 SANJI TAMAKI	JPN	1:10.86	23 MASAYUEI YAGI	JPN	2:48.32	M E N -- 45-49 -- 800 M. FREE		
28 SHUN HSU CHIEH	TPE	1:10.92	24 M. MIYASHITA	JPN	2:48.84	*****		
29 MASAHICO TAKEMURA	JPN	1:11.03	25 PETER WATSON	JPN	2:49.03	1 TEGZE HARASZTI	USA	10:22.33
30 HIDENORI MORI	JPN	1:11.17	26 ATSUSHI MAEDA	JPN	2:49.12	2 DAVID HARRISON	USA	10:41.91
31 DON MAY	USA	1:11.65	27 GEOFFREY ROBINSON	AUS	2:49.85	3 KAZUYA NISHINO	JPN	10:48.38
32 NOBORU AKIYAMA	JPN	1:11.83	28 KENJI SHIOZAWA	JPN	2:53.42	4 HENRY SOUTHALL	USA	10:49.06
33 EUGENIO KOSLINSKI	BRA	1:13.10	29 KACHIO KITAZAWA	JPN	2:56.50	5 IAN MCLEAN	GBR	10:49.33
34 TAMOTSU SUZUKI	JPN	1:13.79	30 G. ISHIMARU	JPN	2:59.11	6 WILLIAM VAN HORN	USA	10:58.23
35 HIROSHI UEMURA	JPN	1:13.97	31 AIJI KIMURA	JPN	3:00.46	7 TATSUO TAKAHASHI	JPN	11:51.75
36 ATSUSHI MAEDA	JPN	1:14.15	32 TAKESHI UKAI	JPN	3:05.40	8 WATARU OKADA	JPN	11:53.19
37 GOROH UEHARA	JPN	1:15.10	33 MASAO ITOU	JPN	3:06.22	9 RYUICHI ICHIKAWA	JPN	11:59.09
38 YASUO NAKAMURA	JPN	1:15.53	34 YUJI SUZUKI	JPN	3:07.44	10 TSUTOMU MIYAUCHI	JPN	12:30.85
39 DORGLAS BEWS	AUS	1:16.71	35 PETER LONG	AUS	3:08.17	11 KENWYN WOODS	NZL	12:33.05
40 M. KASHIWAGI	JPN	1:17.29	36 E. KITAZAWA	JPN	3:12.41	12 STANLEY PANKO	USA	12:33.89
41 WATARU MORI	JPN	1:17.53	37 TAKENOBU OKAMOTO	JPN	3:14.98	13 GEOFFREY ROBINSON	AUS	12:49.72

SWIMMING RESULTS - MEN

14 ATSUSHI MAEDA JPN 13:08.04
15 AKIRA HOSHINO JPN 13:26.70
16 KENJI SHIOZAWA JPN 13:32.70
17 BERT THOMAS NZL 13:32.72
18 CLIFF EDDY AUS 13:33.25
19 PETER LONG AUS 14:02.11
20 TOSHIROH KOGA JPN 14:02.47
21 AIJI KIMURA JPN 14:07.31
22 ISAMU YOSHIZAWA JPN 14:15.87
23 TREVOR ANDERSEN AUS 14:39.40
24 H. TAKAHASHI JPN 14:54.04
25 TETSUROH KANAI JPN 15:17.69
26 KAZUO TSUCHIYAMA JPN 22:37.65

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

1 KARL DONOGHUE CAN 32.46
2 RICHARD BASSI USA 32.58
3 RUDOLF JOHANNES FRG 33.74
4 JOHN BROGAN GBR 34.89
5 TSUTOMU IMAMURA JPN 35.27
6 TADAYUKI TAKAGI JPN 35.28
7 HIROSHI YASUI JPN 36.02
8 HARUKI IGARASHI JPN 37.22
9 CHRIS BELL AUS 37.51
10 ITSUO MATSUMOTO JPN 37.58
11 TAKASHI INOUE JPN 38.42
12 TSUTOMU MIYAUCHI JPN 38.65
13 ICHIROH FUKUSHIMA JPN 38.92
14 SUMIO SAKAI JPN 39.21
15 AKIO ARITA JPN 39.88
16 EUGENIO KOSLINSKI BRA 40.06
17 MINORU ISHIZUKA JPN 40.07
18 Y. TAKEUCHI JPN 40.13
19 NAOKI TSUZUKI JPN 40.58
20 SHOTCHI AWA JPN 41.47
21 SHANG WANG YAW TPE 42.10
22 YASUO BESSHO JPN 42.23
23 MITSUZO HAMANO JPN 42.36
24 YOSHIKI OOKUBO JPN 43.61
25 KOHEI KANEKO JPN 44.35
26 M. NAKANISHI JPN 44.79
27 YUJI SUZUKI JPN 45.04
28 ISAO SAKURAI JPN 45.79
29 NORICHIKA ISHII JPN 45.82
30 MINORU TANAKA JPN 47.60
31 NORIO IWANAGA JPN 47.87
32 KOUJYU TAGA JPN 48.11
33 BRUCE HOCKING AUS 48.48
34 KIYOSHI KOYAMA JPN 49.89
35 STAN WHITLEY NZL 50.82
36 HIRONORI ITOH JPN 51.21
37 CLIFFORD STEER CAN 51.64
38 LYALL MORTIMER NZL 51.77
39 TOSHIYUKI INASAWA JPN 54.87
40 MASARU SATOH JPN 57.71
41 KIYOSHI ISHIFUJI JPN 58.20

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

1 RICHARD BASSI USA 1:12.80
2 TEGZE HARASZTI USA 1:13.08
3 KARL DONOGHUE CAN 1:13.22
4 RUDOLF JOHANNES FRG 1:14.51
5 TADAYUKI TAKAGI JPN 1:20.86
6 ICHIROH FUKUSHIMA JPN 1:26.53
7 HIROSHI YASUI JPN 1:27.49

8 MINORU ISHIZUKA JPN 1:28.01
9 SUMIO SAKAI JPN 1:28.48
10 HARUKI IGARASHI JPN 1:28.80
11 AKIO ARITA JPN 1:30.67
12 YASUO BESSHO JPN 1:35.68
13 PETER LONG AUS 1:46.04
14 CLIFFORD STEER CAN 2:03.14
15 AIJI KIMURA JPN 2:06.91

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

1 KARL DONOGHUE CAN 2:44.52
2 RUDOLF JOHANNES FRG 2:47.62
3 Y. FUNAHASHI JPN 2:55.84
4 CHRIS BELL AUS 3:00.41
5 DON MAY USA 3:04.00
6 ICHIROH FUKUSHIMA JPN 3:12.12
7 MINORU ISHIZUKA JPN 3:15.91
8 TSUTOMU MIYAUCHI JPN 3:23.56
9 NAOKI TSUZUKI JPN 3:26.95
10 PETER LONG AUS 3:52.33
11 KOHEI KANEKO JPN 4:01.11
12 AIJI KIMURA JPN 4:36.89

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

1 YOSHIHIKO OOSAKI JPN 33.10
2 GUNTER SCHMAH FRG 34.43
3 SHANG WANG YAW TPE 34.93
4 BILL MULLIKEN USA 34.96
5 ERH LO CHAO TPE 35.91
6 GYORGY PAVETITS BRA 36.02
7 MASAYUKI MATSUO JPN 36.18
8 GARY STUTSEL AUS 36.84
9 MING CHU SHIH TPE 36.89
10 KIYOSHI NAKAGAWA JPN 37.08
11 YUTAKA SHINOHARA JPN 37.64
12 MASATERU ISA JPN 38.18
13 STANLEY PANKO USA 38.46
14 MITSUO HATA JPN 38.58
15 JYUNICHI NOKERA JPN 38.67
16 WATARU OKADA JPN 38.85
17 FRIEDEL ALDENHOFF FRG 38.90
18 GOROH UEHARA JPN 39.11
19 SHANG WANG YAW TPE 39.12
20 HERMAN RADEMAKER NED 39.22
21 HIDEZO MIYASHITA JPN 39.31
22 TAKESHI IKEDA JPN 39.48
23 SERGIO PASTORE ITA 39.71
24 JOHN BROGAN GBR 39.89
25 EIICHI KOTANI JPN 40.10
26 HIROSHI KOMUYA JPN 40.19
27 TSUTOMU NAKAMURA JPN 40.20
28 BARRY ANDERSON NZL 40.51
29 YUZO HAYASHI JPN 40.90
30 JYUNICHI KITAGAWA JPN 41.50
31 K. TANIGUCHI JPN 41.88
32 SHIGERU SUZUKI JPN 42.00
33 YUTAKA ABE JPN 42.22
34 TOMOHTSA HANAYAMA JPN 42.31
35 TADAYUKI ISHIGAMI JPN 42.39
36 BERT THOMAS NZL 42.50
37 S. NAKASHIMA JPN 42.52
38 TOSHIHIKO MATSUO JPN 42.72
39 GOROH KAMATA JPN 42.87
40 HIROSHI UEMURA JPN 42.98
41 MASAO IUCHI JPN 43.06

42 TAKASHI YUHARA JPN 43.15
43 JOHN TRUBNICK NZL 44.02
44 SUSUMU FUJII JPN 44.40
45 TSUTOMU HORIKIRI JPN 44.55
46 MASATOSHI MAEDA JPN 45.29
47 AKIRA KAWASAKI JPN 45.40
48 MASUZOH NAKADATE JPN 45.44
49 MINORU TANAKA JPN 45.51
50 T. YAMAGATA JPN 45.95
51 JIM TURPIE NZL 46.56
52 KEN LIDDY AUS 46.68
53 JYUNRO KAWABATA JPN 46.80
54 KOUJYU TAGA JPN 46.88
55 MANICHI YAMANAKA JPN 47.03
56 HIRONORI ITOH JPN 47.62
57 HIROSHI TABATA JPN 47.88
58 LYALL MORTIMER NZL 48.23
59 SHIGETO HODATE JPN 49.54
60 DAVID MARRIOTT NZL 49.70
61 SHIGERU IMAI JPN 51.46
62 STAN WHITLEY NZL 52.69

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

1 GUNTER SCHMAH FRG 1:15.85
2 YOSHIHIKO OOSAKI JPN 1:16.42
3 BILL MULLIKEN USA 1:18.41
4 ERH LO CHAO TPE 1:19.84
5 GYORGY PAVETITS BRA 1:21.88
6 GARY STUTSEL AUS 1:23.41
7 MING CHU SHIH TPE 1:24.37
8 LIN CHEN SHIH TPE 1:27.38
9 FRIEDEL ALDENHOFF FRG 1:27.81
10 MITSUO HATA JPN 1:28.99
11 BARRY ANDERSON NZL 1:29.54
12 JYUNICHI NOKERA JPN 1:29.88
13 HINAMI KATOH JPN 1:30.39
14 KOUJI OGAWA JPN 1:30.78
15 HIROSHI KOMUYA JPN 1:30.91
16 MICHIOH SHIRAKI JPN 1:31.92
17 STANLEY PANKO USA 1:32.50
18 KEVIN KENCH NZL 1:32.74
19 TSUTOMU NAKAMURA JPN 1:33.00
20 YUTAKA ABE JPN 1:33.44
21 SHIGERU SUZUKI JPN 1:34.38
22 K. TANIGUCHI JPN 1:34.77
23 S. NAKASHIMA JPN 1:37.75
24 DORGLAS BEWS AUS 1:37.81
25 BERT THOMAS NZL 1:40.95
26 TOMOHTSA HANAYAMA JPN 1:42.36
27 JYUNRO KAWABATA JPN 1:45.48
28 JOHN TRUBNICK NZL 1:45.52
29 T. YAMAGATA JPN 1:46.32
30 NOBORU OOTSUKA JPN 1:47.58
31 MANICHI YAMANAKA JPN 1:49.00
32 JIM TURPIE NZL 1:49.35
33 GEOFFREY ROBINSON AUS 1:51.22
34 KOUJYU TAGA JPN 1:51.76
35 MASAMI ARAKI JPN 1:55.24

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

1 GUNTER SCHMAH FRG 2:51.67
2 BILL MULLIKEN USA 2:52.25
3 ERH LO CHAO TPE 3:03.53
4 GARY STUTSEL AUS 3:08.92
5 MITSUO KOUNO JPN 3:09.33

SWIMMING RESULTS - MEN

6	FRIEDEL ALDENHOFF	FRG	3:12.65	35	HIDENORI MORI	JPN	39.09	22	RONALD CLARK	USA	5:29.28
7	YUTAKA SHINOHARA	JPN	3:12.98	36	RYUSUKE KUSUMOTO	JPN	40.43	*****			
8	LIN CHEN SHIH	TPE	3:14.43	37	TADASHI SHIHARA	JPN	40.92	M E N -- 50-54 -- 50 M. FREE			
9	BARRY ANDERSON	NZL	3:19.41	38	BRUCE HOCKING	AUS	41.06	*****			
10	YASUHIRO OZAWA	JPN	3:19.75	39	KEIICHI OKUMURA	JPN	42.14	1	DONALD HILL	USA	26.87
11	TAKESHI SEKIDO	JPN	3:20.00	40	KOUJYU TAGA	JPN	42.39	2	JOHN MCDIARMID	AUS	27.38
12	MICHIHIKO SHIRAKI	JPN	3:20.41	41	MOTOHISA SUZUKI	JPN	42.45	3	PHILIP GAY	USA	27.75
13	MITSURU HAIZUKA	JPN	3:22.28	42	HERMAN RADEMAKER	NED	43.02	4	TERRY BOYES	GBR	27.76
14	STANLEY PANKO	USA	3:23.85	43	MOTOHIKO WATANABE	JPN	43.60	5	HIROSHI SUZUKI	JPN	28.77
15	ICHIROU NUMA	JPN	3:26.16	44	HIROYASU AKIBA	JPN	44.70	6	ELLO CROVETTO	ITA	28.92
16	GOROH UEHARA	JPN	3:26.79	45	TOSHIYUKI INASAWA	JPN	47.18	7	CHUNG WANG CHIEH	TPE	29.18
17	IVAN WINGATE	AUS	3:27.44	46	YOSHIYA TANAKA	JPN	49.47	8	MIKIYA HATTA	JPN	29.19
18	PETER WATSON	JPN	3:29.10	47	AKIRA MORIKAWA	JPN	49.51	9	JIROH NAGASAWA	JPN	29.57
19	NAOKI TSUZUKI	JPN	3:29.19	48	KEINOSUKE KOSAKA	JPN	54.13	10	JAMES BOHAN	USA	29.83
20	KEVIN KENCH	NZL	3:31.47	49	RONALD CLARK	USA	1:01.46	11	GERD DURRE	FRG	29.86
21	JYUNICHI NOKERA	JPN	3:31.54	*****							
22	M.NISHIMURA	JPN	3:32.24	M E N -- 45-49 -- 100 M. FLY							
23	SERGIO PASTORE	ITA	3:32.37	*****							
24	SHIGERU SUZUKI	JPN	3:33.03	1	BERT PETERSEN	USA	1:07.67	12	T.MIZUGAI	JPN	29.97
25	YUTAKA ABE	JPN	3:34.30	2	AKIRA TAKAKURA	JPN	1:07.91	13	KANAME FUJIWARA	JPN	30.07
26	GOROH KAMATA	JPN	3:38.81	3	GUNTER SCHMAH	FRG	1:11.55	14	KAM BOR LAU	TPE	30.26
27	JYUNRO KAWABATA	JPN	3:53.63	4	Y.FUNAHASHI	JPN	1:13.38	15	HIDEKI KOBAYASHI	JPN	30.43
28	MANICHI YAMANAKA	JPN	3:57.08	5	RAYMOND STOKES	GBR	1:13.57	16	SHAN LIN MING	TPE	30.73
29	BERT THOMAS	NZL	3:59.44	6	KAZUYA NISHINO	JPN	1:14.34	17	AKIO KITAJIMA	JPN	30.80
30	JOHN TRUBNICK	NZL	4:03.08	7	KAZUHIKO EBARA	JPN	1:17.92	18	ATSUSHI TANI	JPN	30.90
31	MASATOSHI MAEDA	JPN	4:08.36	8	CHITOSHI KONISHI	JPN	1:19.03	19	RODERIC ROSS	AUS	31.06
32	GEOFFREY ROBINSON	AUS	4:09.54	9	PETER WATSON	JPN	1:24.43	20	HIDEKATSU MAEBA	JPN	31.17
33	JIM TURPIE	NZL	4:15.14	10	KENWYN WOODS	NZL	1:27.84	21	TAKAO OBATA	JPN	31.50
34	SHOSHI HISHIKAWA	JPN	4:17.19	11	TAMOTSU SUZUKI	JPN	1:29.82	22	LVCIO ALIOTTI	ITA	31.63
35	DAVID MARRIOTT	NZL	4:21.86	12	KEVIN KENCH	NZL	1:35.26	23	YOSHIE MINAMI	JPN	31.97
*****				13	TAKAO MIYAKE	JPN	1:36.51	24	YASUO SAKAKURA	JPN	32.09
M E N -- 45-49 -- 50 M. FLY				*****							
*****				M E N -- 45-49 -- 200 M. FLY							
1	RYUJI TAKAMINE	JPN	27.78	*****							
2	AKIRA TAKAKURA	JPN	28.95	1	GUNTER SCHMAH	FRG	2:45.34	29	MASAO TOMOBE	JPN	32.99
3	RICHARD BASSI	USA	29.70	2	BILL MULLIKEN	USA	2:45.43	30	MITSUO KONDOH	JPN	33.34
4	BERT PETERSEN	USA	29.76	3	GEOFFREY STOKES	GBR	2:56.83	31	BRIAN HIRD	AUS	33.49
5	S.KUWAHARA	JPN	29.85	4	BERT PETERSEN	USA	2:57.71	32	MINORU ADACHI	JPN	33.76
6	ICHIRYO TAKECHI	JPN	31.07	5	PETER WATSON	JPN	3:16.22	33	KEVIN FOWLER	AUS	33.79
7	KAZUHIKO EBARA	JPN	31.14	6	CHITOSHI KONISHI	JPN	3:17.75	34	SHIGEHISA KAMATA	JPN	33.80
8	KAZUYA NISHINO	JPN	31.19	7	KENWYN WOODS	NZL	3:28.72	35	SABUROH KANEKO	JPN	33.81
9	TATSUO HAMADA	JPN	31.33	8	BARRY ANDERSON	NZL	3:36.72	36	NOBUAKI TAKADA	JPN	33.89
9	OSAMU HASHI	JPN	31.33	9	KEVIN KENCH	NZL	3:52.71	37	Y.FURUUCHI	JPN	34.16
11	CHARLES RAVEN	USA	31.71	*****							
12	GYORGY PAVETITS	BRA	31.90	M E N -- 45-49 -- 200 M. I.M.							
13	TETSUJI NAKANISHI	JPN	31.97	*****							
14	CHITOSHI KONISHI	JPN	31.99	1	TEGZE HARASZTI	USA	2:35.04	40	MITSUHIRO KUBO	JPN	34.34
15	RUDOLF JOHANNES	FRG	32.16	2	MURRAY MCLACHLAN	USA	2:40.88	41	SATORU KUNISHIGE	JPN	34.43
16	RAYMOND STOKES	GBR	32.25	3	BILL MULLIKEN	USA	2:41.50	42	SHINSEI TAKEUCHI	JPN	34.70
17	DIETER BACHMANN	FRG	33.11	4	AKIRA TAKAKURA	JPN	2:55.34	43	SHIGERU TOYODA	JPN	35.53
18	ITSUO MATSUMOTO	JPN	34.37	5	BERT PETERSEN	USA	2:55.53	44	AKIRA OOTA	JPN	35.62
19	JOHN BROGAN	GBR	34.57	6	RON NAKATA	USA	2:57.16	45	EIJIROH YOSHINO	JPN	35.71
20	YUTAKA SHINOHARA	JPN	34.74	7	TAKESHI SEKIDO	JPN	3:01.86	46	YOSHIROH SUMIDA	JPN	36.07
21	HITOSHI INAGAKI	JPN	34.78	8	IVAN WINGATE	AUS	3:02.93	47	NOBUKAZU MIIKE	JPN	36.21
22	Y.SHISHIDA	JPN	34.81	9	JOHN BROGAN	GBR	3:05.10	48	GEORGE KENRY	USA	36.30
23	HIDEYUKI TAKEMASA	JPN	35.06	10	MICHIHIKO SHIRAKI	JPN	3:07.54	49	TSUTOMU TANAKA	JPN	36.45
24	ATSUSHI MAEDA	JPN	35.16	11	SANJI TAMAKI	JPN	3:10.35	50	TSUTOMU KURATA	JPN	36.60
25	EUGENIO KOSLINSKI	BRA	35.23	12	MINORU ISHIZUKA	JPN	3:12.52	51	M.NAKASUJI	JPN	37.06
26	TANNEN SASAKI	JPN	35.96	13	PETER WATSON	JPN	3:13.01	52	LEWIS MCNAUGHTON	USA	37.15
27	TAKESHI UKAI	JPN	36.46	14	BARRY ANDERSON	NZL	3:17.76	53	S.MARUYAMA	JPN	37.52
28	M.OOTAHARA	JPN	37.14	15	KENWYN WOODS	NZL	3:18.16	54	DAVID FORSYTH	AUS	38.04
29	ISAO SAKURAI	JPN	37.61	16	TAMOTSU SUZUKI	JPN	3:20.75	55	YUUKICHI HORIE	JPN	39.11
30	MICHIHIKO SHIRAKI	JPN	37.81	17	NOBORU OOTSUKA	JPN	3:33.00	56	MUTSUO KAGAWA	JPN	39.30
30	MICHIHIKO SHIRAKI	JPN	37.81	18	KEVIN KENCH	NZL	3:41.59	57	TOSHIO KOHNO	JPN	40.43
32	JOHN TRUBNICK	NZL	38.74	19	JOHN TRUBNICK	NZL	3:55.29	58	KAZUTAKA KUDOH	JPN	40.60
33	TAKASHI INOUE	JPN	38.77	20	BRUCE HOCKING	AUS	4:01.93	59	TATSUTO SATOH	JPN	40.67
34	E.KITAZAWA	JPN	38.93	21	TREVOR ANDERSEN	AUS	4:10.92	60	MITSUHIKO SHOJI	JPN	40.80
								61	TETSUO TOMITA	JPN	41.85
								62	TORAHIKO MAKI	JPN	42.04
								63	KAZUO SAITOH	JPN	49.14

SWIMMING RESULTS - MEN

64 KENTAROH WAKUI JPN 54.80
65 ROY POTTER AUS 1:13.46

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

1	DONALD HILL	USA	1:00.58
2	TERRY BOYES	GBR	1:02.27
3	JOHN MCDIARMID	AUS	1:02.28
4	PHILIP GAY	USA	1:03.96
5	BILL ROBERTSON	USA	1:04.23
6	JACK BEATTIE	USA	1:04.36
7	ELLO CROVETTO	ITA	1:05.82
8	RODERIC ROSS	AUS	1:07.41
9	YUHI SEIMITSU	JPN	1:08.61
10	CHUNG WANG CHIEH	TPE	1:08.67
11	MINORU HAMADA	JPN	1:08.82
12	SHAN LIN MING	TPE	1:08.92
13	K.SANTOS SYLVIO	BRA	1:09.49
14	KAZUYOSHI NAKASE	JPN	1:10.76
15	ROBERT KAHL	USA	1:10.77
16	DON WUDTKE	USA	1:10.94
17	TOSHIO ENOMOTO	JPN	1:11.02
18	YUTAKA KOJIMA	JPN	1:11.30
19	BARRY MCLEAN	NZL	1:11.45
20	EIJI KATOH	JPN	1:11.56
21	YOSHIO TOZUKA	JPN	1:11.68
22	JOHN MARRIOTT	AUS	1:11.91
23	K.TOMINAGA	JPN	1:11.92
24	KANAME FUJIWARA	JPN	1:13.67
25	YOSHIE MINAMI	JPN	1:17.55
26	BRIAN HIRD	AUS	1:18.78
27	KATSUHISA TOKOBE	JPN	1:19.62
28	BILL NEPIA	NZL	1:19.63
29	TAKAO OHARA	JPN	1:22.25
30	SHINSEI TAKEUCHI	JPN	1:22.48
31	KEVIN FOWLER	AUS	1:23.37
32	TEIZOH IWAMOTO	JPN	1:24.01
33	FRANCO PILLEDDU	ITA	1:25.59
34	LEWIS MCNAUGHTON	USA	1:26.60
35	SHIGEHISA KAMATA	JPN	1:27.25
36	Y.FUJIMOTO	JPN	1:28.06
37	TATSUO KAWADA	JPN	1:28.46
38	M.NAKASUJI	JPN	1:29.39
39	DAVID FORSYTH	AUS	1:31.99
40	MOTOYUKI IWAKI	JPN	1:43.75
41	KAZUTAKA KUDOH	JPN	1:46.88
42	TOSHIO KOHNO	JPN	1:53.46

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

1	DONALD HILL	USA	2:18.19
2	TERRY BOYES	GBR	2:21.01
3	JOHN MCDIARMID	AUS	2:23.65
4	BILL ROBERTSON	USA	2:25.96
5	RODERIC ROSS	AUS	2:28.20
6	MINORU HAMADA	JPN	2:38.61
7	SEIJI INAMOTO	JPN	2:39.83
8	BARRY MCLEAN	NZL	2:43.05
9	K.SANTOS SYLVIO	BRA	2:43.11
10	TOSHIO ENOMOTO	JPN	2:43.33
11	SHAN LIN MING	TPE	2:43.70
12	YOSHIO TOZUKA	JPN	2:44.08
13	YUTAKA KOJIMA	JPN	2:44.53
14	EIJI KATOH	JPN	2:46.58
15	KANAME FUJIWARA	JPN	2:46.60
16	TAKAO OBATA	JPN	2:50.96
17	STEPHEN MULLINS	USA	2:51.66

18	JUNJI MONIJWAKU	JPN	2:52.69
19	IWAO IKARI	JPN	2:55.56
20	WILLIAM MALCOLM	AUS	2:58.60
21	HIDEO HATTORI	JPN	3:01.67
22	BILL NEPIA	NZL	3:06.88
23	SHINSEI TAKEUCHI	JPN	3:10.21
24	FUMIO HAMAGUCHI	JPN	3:13.36
25	JAMES KASSNER	USA	3:18.40
26	LEWIS MCNAUGHTON	USA	3:22.08
27	HISAHARU HIGA	JPN	3:24.29
28	TOYOHARU MURATA	JPN	3:25.33
29	TATSUTO SATOH	JPN	3:29.98
30	KENJI WATANABE	JPN	3:30.18
31	Y.FUJIMOTO	JPN	3:33.70
32	MUTSUO KAGAWA	JPN	3:37.53
33	YOSHIMASA SAITOH	JPN	3:38.02
34	KOHACHI AKIYAMA	JPN	3:39.81
35	TAKESHI MORI	JPN	3:46.87

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

1	DONALD HILL	USA	4:59.23
2	TERRY BOYES	GBR	5:07.57
3	RODERIC ROSS	AUS	5:12.88
4	BILL ROBERTSON	USA	5:19.42
5	ELLO CROVETTO	ITA	5:26.55
6	K.SANTOS SYLVIO	BRA	5:41.87
7	SEIJI INAMOTO	JPN	5:46.43
8	MINORU HAMADA	JPN	5:47.10
9	BARRY MCLEAN	NZL	5:56.94
10	YOSHIO TOZUKA	JPN	6:03.00
11	YUTAKA KOJIMA	JPN	6:03.41
12	TOSHIO ENOMOTO	JPN	6:04.68
13	STEPHEN MULLINS	USA	6:09.27
14	KANEHARU FUJII	JPN	6:19.60
15	KANAME FUJIWARA	JPN	6:20.11
16	HIDEO HATTORI	JPN	6:34.27
17	KENICHI SAITOH	JPN	6:34.47
18	JUNJI MONIJWAKU	JPN	6:57.42
19	MAKOTO KOMANO	JPN	6:58.54
20	KATSUHISA TOKOBE	JPN	7:02.19
21	TERUO FUKUSHIMA	JPN	7:15.91
22	GEORGE KENRY	USA	7:31.69
23	KOHACHI AKIYAMA	JPN	7:51.42
24	Y.FUJIMOTO	JPN	7:51.63
25	KAIJIROU MURO	JPN	8:40.80
26	EIJI TAKAHASHI	JPN	9:07.60
27	MASAAKI HATTORI	JPN	9:38.55

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

1	DONALD HILL	USA	10:33.19
2	RODERIC ROSS	AUS	10:55.96
3	BILL ROBERTSON	USA	11:19.55
4	K.SANTOS SYLVIO	BRA	11:27.58
5	RUSSELL SMITH	AUS	11:56.25
6	SEIJI INAMOTO	JPN	12:17.70
7	BARRY MCLEAN	NZL	12:29.35
8	STEPHEN MULLINS	USA	12:37.65
9	MASAYASU KAMIYA	JPN	12:39.38
10	TOSHIO ENOMOTO	JPN	12:43.63
11	YOSHIO TOZUKA	JPN	12:52.44
12	YUTAKA KOJIMA	JPN	13:00.87
13	YOSHIMASA SONODA	JPN	13:41.58
14	RON RICHARDS	AUS	13:46.85
15	IWAO IKARI	JPN	14:04.68
16	Y.TAKAHASHI	JPN	14:11.35

17	JAMES KASSNER	USA	14:19.08
18	SYDNEY LOWE	GBR	14:54.45
19	TERUO FUKUSHIMA	JPN	15:02.49
20	HOZUMI MAEDA	JPN	15:45.19
21	YUUKICHI HORIE	JPN	16:57.07

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

1	JACK BEATTIE	USA	33.06
2	MIKIYA HATTA	JPN	33.80
3	JAMES BOHAN	USA	34.59
4	KEIJI HASE	JPN	34.86
5	MITSURU NAKAGAWA	JPN	35.02
6	LLOYD SKRAMSTAD	USA	35.82
7	K.TOMINAGA	JPN	36.97
8	PHILIP GAY	USA	37.00
9	GOROH TABUCHI	JPN	37.91
10	JOHN MARRIOTT	AUS	39.10
11	TOSHIROH OZAWA	JPN	39.58
12	TOSHIROH NAKATA	JPN	40.02
13	HIROSHI SUMI	JPN	40.35
14	MASARU TOYOSHIMA	JPN	41.02
15	SHIGEHICO KOSHIBA	JPN	41.04
16	SYDNEY LOWE	GBR	41.64
17	T.WATANABE	JPN	42.87
18	KANEHARU FUJII	JPN	43.86
19	MAKOTO KOMANO	JPN	43.92
20	KENICHI SAITOH	JPN	44.61
21	GEORGE KENRY	USA	45.32
22	BRIAN HIRD	AUS	45.52
23	KEISUKE TAGICHI	JPN	45.57
24	Y.TANEMURA	JPN	46.15
25	KOHI SHIMODA	JPN	46.45
26	MINORU ADACHI	JPN	46.53
27	SATORU KUNISHIGE	JPN	46.82
28	SHIGEHISA KAMATA	JPN	46.91
29	TADAHISA JIN	JPN	47.44
30	JYUN TAKIMOTO	JPN	48.36
31	KOHSUKE NAKAO	JPN	48.48
32	DAVID FORSYTH	AUS	48.86
33	KEVIN FOWLER	AUS	49.82
34	TAKESHI MORI	JPN	49.96
35	LEWIS MCNAUGHTON	USA	51.69
36	KENJI WATANABE	JPN	54.01
37	TOSHIO KOHNO	JPN	55.70
38	YASUO SASAKI	JPN	57.18

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

1	JACK BEATTIE	USA	1:13.62
2	MIKIYA HATTA	JPN	1:17.69
3	JAMES BOHAN	USA	1:21.25
4	LLOYD SKRAMSTAD	USA	1:25.06
5	GOROH TABUCHI	JPN	1:26.40
6	YUTAKA KOJIMA	JPN	1:26.79
7	TOSHIROH NAKATA	JPN	1:28.45
8	HIROSHI SUMI	JPN	1:31.86
9	JOHN MARRIOTT	AUS	1:34.35
10	HIROSHI SUGH	JPN	1:43.75
11	QUZMAN VALDES	MEX	1:46.76
12	BRIAN HIRD	AUS	1:47.73
13	YUHI SHISHIDO	JPN	1:53.06
14	TOYOHARU MURATA	JPN	2:03.13
15	DAVID FORSYTH	AUS	2:06.79

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

SWIMMING RESULTS - MEN

1 JACK BEATTIE	USA	2:44.86	52 MASAHARU MATSUOKA	JPN	57.48	24 TYAN CHEN DUEN	TPE	3:39.01
2 MIKIYA HATTA	JPN	3:02.66	53 MICHAEL SPARTALIS	AUS	59.58	25 MASARU YOKOZAWA	JPN	3:41.61
3 RUSSELL SMITH	AUS	3:07.73	54 KIYOAKI OTOKUNI	JPN	1:03.55	26 M.TERAZAWA	JPN	3:46.22
4 LLOYD SKRAMSTAD	USA	3:09.97	*****			27 TAKAO OHARA	JPN	3:50.57
5 GOROH TABUCHI	JPN	3:17.65	M E N -- 50-54 -- 100 M. BRST			28 T.WATANABE	JPN	3:54.17
6 TOSHIHISA SONODA	JPN	3:29.26	*****			29 YOSHIMASA SAITOH	JPN	3:55.95
7 HIROSHI SUMI	JPN	3:31.08	1 MANUEL SANGUILY	USA	1:19.07	30 JOHN KINNAIRD	AUS	3:57.94
8 SHIGEHICO KOSHIBA	JPN	3:36.90	2 AKIO SUGIYAMA	JPN	1:20.09	31 GIULIANO MARTINI	ITA	3:58.81
9 QUZMAN VALDES	MEX	3:48.89	3 HIROSHI KOTEGAWA	JPN	1:20.21	32 BILL NEPIA	NZL	4:03.62
10 TADAHISA JIN	JPN	3:59.62	4 KENJI HISAMATSU	JPN	1:23.06	33 TAKESHI MORI	JPN	4:19.77
11 M.TERAZAWA	JPN	4:01.24	5 GIN ISHIDA	JPN	1:26.61	34 MICHAEL SPARTALIS	AUS	4:49.89
12 BRIAN HIRD	AUS	4:01.34	6 T.MIZUGAI	JPN	1:27.35	*****		
13 YUHI SHISHIDO	JPN	4:08.25	7 DON BIDWELL	NZL	1:27.44	M E N -- 50-54 -- 50 M. FLY		
*****			8 ETSUYA KATOH	JPN	1:27.82	*****		
M E N -- 50-54 -- 50 M. BRST			9 RON RICHARDS	AUS	1:27.95	1 AKIO SUGIYAMA	JPN	31.67
*****			10 HIDEO KOBAYASHI	JPN	1:28.36	2 JIROH NAGASAWA	JPN	32.75
1 HIROSHI KOTEGAWA	JPN	33.38	11 HUEI LIU YUAN	TPE	1:28.61	3 MASAYASU KAMIYA	JPN	32.80
2 AKIO SUGIYAMA	JPN	34.42	12 EIJI KATOH	JPN	1:28.78	4 TOSHIROH OZAWA	JPN	32.83
3 MANUEL SANGUILY	USA	35.20	13 ROBERT KAHL	USA	1:32.16	5 KEISUKE KOJIMA	JPN	32.93
4 KENJI HISAMATSU	JPN	36.11	14 HIROAKI MAKI	JPN	1:32.75	6 JAMES BOHAN	USA	32.94
5 DON BIDWELL	NZL	37.86	15 KUANG CHUNG CHAO	TPE	1:33.36	7 JOHN MCDIARMID	AUS	33.01
6 GIN ISHIDA	JPN	38.23	16 TYAN CHEN DUEN	TPE	1:34.27	8 JACK BEATTIE	USA	33.31
7 JOHN MCDIARMID	AUS	38.27	17 WILLIAM MALCOLM	AUS	1:35.07	9 GERD DURRE	FRG	33.50
8 TOSHIROH OZAWA	JPN	38.62	18 BILL GIRVAN	NZL	1:35.64	10 SEYMOUR BANNING	GBR	34.00
9 K.YOKOYAMA	JPN	38.73	19 SYDNEY LOWE	GBR	1:36.80	11 KARL SEIGER	FRG	34.91
10 SOARES DIAS BIVAR	BRA	38.74	20 ISAO SHINOHARA	JPN	1:37.17	12 SHIYOUNG UMEHARA	JPN	34.92
10 PHILIP GAY	USA	38.74	21 Y.TANEMURA	JPN	1:40.65	13 KANAME FUJIWARA	JPN	35.07
12 HIDEKI KOBAYASHI	JPN	38.83	22 MASARU KUROIWA	JPN	1:41.47	14 SOARES DIAS BIVAR	BRA	35.43
13 MIKIO HARA	JPN	39.09	23 YUJI NAGAI	JPN	1:42.68	15 DON WUDTKE	USA	35.54
13 T.MIZUGAI	JPN	39.09	24 NOBORU FURUKAWA	JPN	1:42.85	16 TOSHIMASA AOYAMA	JPN	35.83
15 JAMES BOHAN	USA	39.16	25 JOHN KINNAIRD	AUS	1:43.36	17 TAKAO OBATA	JPN	35.88
16 TAKASHI NAMIKI	JPN	39.18	26 GIULIANO MARTINI	ITA	1:43.63	18 LVCIO ALIOTTI	ITA	36.00
17 RON RICHARDS	AUS	39.38	27 AKIRA OOTA	JPN	1:45.00	19 Y.TAKAHASHI	JPN	36.16
18 YOSHIKAKI TAKAMI	JPN	41.00	28 KANJI KATOH	JPN	1:46.51	20 PHILIP GAY	USA	36.23
19 ISAO NAKAO	JPN	41.25	29 GEORGE KENRY	USA	1:47.72	21 Y.TANEMURA	JPN	36.33
20 MAKOTO KOMANO	JPN	41.27	30 JAMES KASSNER	USA	1:48.66	22 AKIO IDE	JPN	36.64
21 SYDNEY LOWE	GBR	41.39	31 ICHIROH SAIKI	JPN	1:51.31	23 DON BIDWELL	NZL	36.77
22 S.TERADA	JPN	41.52	32 KAZUO SAITOH	JPN	1:52.53	24 K.YOKOYAMA	JPN	37.82
23 LLOYD SKRAMSTAD	USA	41.81	33 YOHICHI TAMURA	JPN	1:54.99	25 JYUN TAKIMOTO	JPN	40.00
24 WILLIAM MALCOLM	AUS	41.87	34 TETSUO TOMITA	JPN	2:00.37	26 MITSUHIRO KUBO	JPN	40.82
25 TYAN CHEN DUEN	TPE	42.21	35 MICHAEL SPARTALIS	AUS	2:09.71	27 FRANCO PILLEDDU	ITA	40.99
26 KUANG CHUNG CHAO	TPE	42.33	*****			28 TAKAO OHARA	JPN	41.75
27 YOSHIMASA SAITOH	JPN	42.37	M E N -- 50-54 -- 200 M. BRST			29 SHINSEI TAKEUCHI	JPN	42.88
28 JOHN KINNAIRD	AUS	42.59	*****			30 MAKOTO KAWABE	JPN	44.30
29 TAKEO OHTSURU	JPN	42.62	1 MANUEL SANGUILY	USA	3:03.08	31 M.TERAZAWA	JPN	45.26
30 MASARU YOKOZAWA	JPN	43.00	2 KENJI HISAMATSU	JPN	3:10.14	32 JAMES KASSNER	USA	48.14
31 TAKAO OHARA	JPN	43.27	3 RON RICHARDS	AUS	3:14.30	33 TADAHISA JIN	JPN	48.55
32 MASARU KUROIWA	JPN	43.80	4 K.YOKOYAMA	JPN	3:14.89	34 TAKESHI MORI	JPN	49.48
33 YUJI NAGAI	JPN	43.92	5 EIJI KATOH	JPN	3:15.44	35 KAZUTAKA KUDOH	JPN	50.20
34 YASUO NIWA	JPN	44.00	6 HIROSHI KOTEGAWA	JPN	3:15.72	*****		
35 M.YAMAGISHI	JPN	44.33	7 HUEI LIU YUAN	TPE	3:18.11	M E N -- 50-54 -- 100 M. FLY		
36 GIULIANO MARTINI	ITA	44.54	8 ETSUYA KATOH	JPN	3:18.66	*****		
37 SHIGERU TOYODA	JPN	44.93	9 T.MIZUGAI	JPN	3:19.73	1 MANUEL SANGUILY	USA	1:18.41
38 KAZUHIKO ITOH	JPN	45.21	10 DON BIDWELL	NZL	3:20.08	2 SEYMOUR BANNING	GBR	1:19.86
39 Y.TANEMURA	JPN	45.32	11 GIN ISHIDA	JPN	3:22.01	3 MASAYASU KAMIYA	JPN	1:22.54
40 BILL NEPIA	NZL	45.39	12 TAKASHI YOSHIDA	JPN	3:23.55	4 KARL SEIGER	FRG	1:23.56
41 MOTOYUKI IWAKI	JPN	45.52	13 JYUNZOH KUSHIDA	JPN	3:23.99	5 BILL GIRVAN	NZL	1:29.75
42 M.TERAZAWA	JPN	45.58	14 HIDEKI KOBAYASHI	JPN	3:24.53	6 DON WUDTKE	USA	1:30.17
43 GEORGE KENRY	USA	46.04	15 ROBERT KAHL	USA	3:24.61	7 LVCIO ALIOTTI	ITA	1:35.47
44 KATSUO SUZUKI	JPN	47.24	16 KAO LIN FENG	TPE	3:25.43	8 SEIJI INAMOTO	JPN	1:35.65
45 KENJI UENO	JPN	47.58	17 TOSHIMASA AOYAMA	JPN	3:27.08	9 FRANCO PILLEDDU	ITA	1:41.09
46 KAZUO SAITOH	JPN	47.87	18 MINORU HAMADA	JPN	3:27.51	10 Y.TANEMURA	JPN	1:44.41
47 ICHIROH SAIKI	JPN	48.10	19 WILLIAM MALCOLM	AUS	3:30.66	*****		
48 YOHICHI TAMURA	JPN	50.97	20 BILL GIRVAN	NZL	3:31.79	M E N -- 50-54 -- 200 M. FLY		
49 KOUICHI MATSUNAGA	JPN	50.98	21 SYDNEY LOWE	GBR	3:36.65	*****		
50 KEVIN FOWLER	AUS	53.09	22 MAKOTO KOMANO	JPN	3:36.69	1 SEYMOUR BANNING	GBR	3:10.97
51 SOHICHI TANAKA	JPN	54.57	23 ISAO NAKAO	JPN	3:38.15	2 MASAYASU KAMIYA	JPN	3:23.97

SWIMMING RESULTS - MEN

3 K. SEIGER FRG 3:26.61
4 RUSSELL SMITH AUS 3:30.44
5 DON WUDTKE USA 3:32.10
6 ROBERT KAHL USA 3:33.70
7 BILL GIRVAN NZL 3:37.85
8 DON BIDWELL NZL 3:47.79
9 LVCIO ALIOTTI ITA 4:04.70
10 M. TERAZAWA JPN 5:03.42

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

1 TERRY BOYES GBR 2:41.89
2 BILL ROBERTSON USA 2:51.64
3 MINORU HAMADA JPN 3:04.46
4 RUSSELL SMITH AUS 3:07.26
5 MASAYASU KAMIYA JPN 3:07.42
6 SEYMOUR BANNING GBR 3:09.59
7 RON RICHARDS AUS 3:10.14
8 LLOYD SKRAMSTAD USA 3:20.43
9 WILLIAM MALCOLM AUS 3:21.94
10 BILL GIRVAN NZL 3:25.10
11 Y. YAMAGISHI JPN 3:25.68
12 LVCIO ALIOTTI ITA 3:30.82
13 KANJI KATOH JPN 3:34.23
14 STEPHEN MULLINS USA 3:35.99
15 Y. FUJIMOTO JPN 4:00.28
16 FRANCO PILLEDDU ITA 4:04.91

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

1 JOHN BROWNJOHN AUS 28.15
2 FUMIO EGAMI JPN 29.50
3 PHILIP CHAPMAN USA 29.59
4 AKIRA KIMOTO JPN 30.22
5 PETER BUCKLEY USA 30.33
6 KEN MCKAY GBR 30.39
7 YASUSHI TSUSHIMA JPN 30.78
8 WILLIAM STERN USA 31.23
9 NORIO HAYASHI JPN 31.30
10 JAMES MOTION GBR 31.48
11 YOSHIO ISHIGURO JPN 31.55
12 KENNETH KIMBALL USA 32.23
13 TOSHIO SHIMIZU JPN 32.55
14 KENICHI FUJITA JPN 33.37
15 AKIRA IMANISHI JPN 33.73
16 JACK STANLEY NZL 33.75
17 VITTORIO MELETTI ITA 34.17
18 CHIN CHIANG TSUNG TPE 34.60
19 TAMOTSU EGUCHI JPN 34.62
20 TOSHIKAZU TATEDA JPN 34.67
21 GUNTER DANNENBERG FRG 35.57
22 ROY BRIDGE NZL 36.83
23 JOHN KORUGA USA 37.75
24 TERRY MCCURDY USA 37.77
25 HIROSHI HATTORI JPN 38.29
26 BENNIE DOTSON USA 38.42
27 HIROSHI SUGITA JPN 38.91
28 YUKIO FUJIMOTO JPN 42.63
29 SHOJI WADA JPN 43.94
30 RICHARD KNIGHT AUS 44.04
31 KEITH WAKE AUS 46.01

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

1 BOB BARRY AUS 1:03.83
2 SHIGEO YAMAMOTO JPN 1:04.23
3 JOHN BROWNJOHN AUS 1:04.64

4 GRAHAM JOHNSTON USA 1:06.49
5 FUMIO EGAMI JPN 1:06.55
6 PHILIP CHAPMAN USA 1:07.15
7 PETER BUCKLEY USA 1:07.67
8 NORIO HAYASHI JPN 1:08.27
9 KEN MCKAY GBR 1:08.87
9 WILLIAM STERN USA 1:08.87
11 YASUSHI TSUSHIMA JPN 1:11.85
12 TOSHIO SHIMIZU JPN 1:13.77
13 TATSUNORI AMANO JPN 1:14.62
14 JACK STANLEY NZL 1:15.85
15 MOTOYUKI OONICHI JPN 1:18.15
16 TAMOTSU EGUCHI JPN 1:19.55
17 TOSHITAME MANO JPN 1:19.73
18 JACK GALUIN CAN 1:21.22
19 GUNTER DANNENBERG FRG 1:21.26
20 RYUICHIROH TANAKA JPN 1:21.86
21 CHIN CHIANG TSUNG TPE 1:22.19
22 JOHN KORUGA USA 1:23.15
23 SADAYASU TAKEDA JPN 1:23.50
24 FUMIAKI KATOH JPN 1:23.81
25 TERRY MCCURDY USA 1:25.35
26 HIROSHI HATTORI JPN 1:27.42
27 MITSUYOSHI ARAI JPN 1:28.95
28 ROY BRIDGE NZL 1:30.86
29 BENNIE DOTSON USA 1:31.67
30 ISAAC WEINTRUB CAN 1:39.86
31 RICHARD KNIGHT AUS 1:44.98
32 MICHIO ISHIDA JPN 2:24.56

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

1 BOB BARRY AUS 2:24.75
2 GRAHAM JOHNSTON USA 2:25.61
3 SHIGEO YAMAMOTO JPN 2:29.51
4 JOHN BROWNJOHN AUS 2:32.22
5 PETER BUCKLEY USA 2:33.46
6 KEN MCKAY GBR 2:34.59
7 NORIO HAYASHI JPN 2:39.54
8 WILLIAM STERN USA 2:42.23
9 SHIGEO MURATA JPN 2:47.96
10 JACK STANLEY NZL 2:49.08
11 SIDNEY SALEK NZL 2:51.79
12 TETSUO ASHIZAWA JPN 2:53.49
13 TOSHIO SHIMIZU JPN 2:55.73
14 EIGAKU AZUMA JPN 2:59.46
15 JACK GALUIN CAN 2:59.73
16 TAMOTSU EGUCHI JPN 3:03.13
17 DANIEL GRUENDER USA 3:06.10
18 TERRY MCCURDY USA 3:08.29
19 GUNTER DANNENBERG FRG 3:17.47
20 JACK GRAHAM NZL 3:23.29
21 BENNIE DOTSON USA 3:34.72
22 ROY BRIDGE NZL 3:37.13
23 ISAAC WEINTRUB CAN 3:48.00
24 RICHARD KNIGHT AUS 4:24.27

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

1 GRAHAM JOHNSTON USA 5:05.55
2 BOB BARRY AUS 5:17.29
3 JOHN BROWNJOHN AUS 5:27.93
4 SHIGEO YAMAMOTO JPN 5:30.07
5 NORIO HAYASHI JPN 5:32.41
6 PETER BUCKLEY USA 5:36.12
7 PHILIP PARHAM USA 5:37.96
8 KEN MCKAY GBR 5:39.01

9 WILLIAM STERN USA 5:52.78
10 SHIGEO MURATA JPN 6:00.32
11 JACK STANLEY NZL 6:05.04
12 RISUKE WATANABE JPN 6:07.18
13 SIDNEY SALEK NZL 6:10.48
14 JACK GALUIN CAN 6:17.33
15 JANG WU WEN TPE 6:32.52
16 TAMOTSU EGUCHI JPN 6:39.40
17 TERRY MCCURDY USA 7:02.25
18 KAZUHISA YOSHIDA JPN 7:02.27
19 H. HYAKUTAKE JPN 7:06.61
20 NAONORI KAWAZOE JPN 7:17.54
21 JACK GRAHAM NZL 7:17.70
22 ROY BRIDGE NZL 8:26.61
23 ISAAC WEINTRUB CAN 8:32.62
24 RICHARD KNIGHT AUS 9:20.62

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

1 GRAHAM JOHNSTON USA 10:40.06
2 JOHN BROWNJOHN AUS 11:20.33
3 PETER BUCKLEY USA 11:30.70
4 SHIGEO YAMAMOTO JPN 11:37.09
5 PHILIP PARHAM USA 11:45.38
6 KEN MCKAY GBR 12:00.15
7 SHIGEO MURATA JPN 12:21.74
8 JACK STANLEY NZL 12:40.95
9 KENNETH KIMBALL USA 12:44.26
10 JACK GALUIN CAN 12:56.81
11 SIDNEY SALEK NZL 12:58.05
12 TOSHIKAZU TATEDA JPN 13:11.22
13 H. J. SEEGER USA 13:16.92
14 DANIEL GRUENDER USA 14:03.06
15 TAMOTSU EGUCHI JPN 14:09.26
16 RICHARD KNIGHT AUS 19:49.50
17 KEITH WAKE AUS 21:17.03
18 MICHIO ISHIDA JPN 24:55.79

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

1 HJ SEEGER USA 38.57
2 ROBERT MCCLURE NZL 39.31
3 NORIO MIYANO JPN 39.54
4 WILLIAM STERN USA 39.55
5 KENNETH KIMBALL USA 40.51
6 TOSHITAME MANO JPN 40.72
7 KAZUHISA YOSHIDA JPN 41.07
8 RISUKE WATANABE JPN 41.61
9 YOSHIO YAMANAKA JPN 42.42
10 YOSHIMASA HIRANO JPN 42.82
11 SADA OYONEZAWA JPN 42.97
12 GUNNAR WERNER SWE 43.74
13 MITSURU ISHII JPN 45.59
14 H. HYAKUTAKE JPN 46.19
15 AKIRA IMANISHI JPN 46.31
16 BILL VAN HOUTEN USA 47.44
17 MITSUYOSHI ARAI JPN 48.62
18 TAKASHI SUGITA JPN 53.33
19 FUMIAKI KATOH JPN 57.26
20 KEITH WAKE AUS 1:06.42
21 MICHIO ISHIDA JPN 1:18.61

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

1 BOB BARRY AUS 1:15.25
2 HJ SEEGER USA 1:22.57
3 TETSUO ASHIZAWA JPN 1:25.04

SWIMMING RESULTS - MEN

4 FUMIO EGAMI JPN 1:27.67
5 ROBERT MCCLURE NZL 1:29.34
6 KENNETH KIMBALL USA 1:31.53
7 RISUKE WATANABE JPN 1:34.58
8 GUNNAR WERNER SWE 1:40.00
9 BILL VAN HOUTEN USA 1:44.21

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

1 BOB BARRY AUS 2:44.74
2 HJ SEEGER USA 3:00.24
3 KENNETH KIMBALL USA 3:17.04
4 ROBERT MCCLURE NZL 3:21.21
5 RISUKE WATANABE JPN 3:29.42
6 NORIO MIYANO JPN 3:30.35
7 KAZUHISA YOSHIDA JPN 3:30.69
8 YOSHIO YAMANAKA JPN 3:35.37
9 BILL VAN HOUTEN USA 3:51.29
10 AKIRA IMANISHI JPN 4:25.20
11 KEITH WAKE AUS 5:36.55

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

1 BRUNELLO GRAJA ITA 38.68
2 JONATHAN DAVIES AUS 39.25
3 MASAO KOBAYASHI JPN 40.22
4 KUSUHIDE UDA JPN 40.31
5 THOMAS LOGAN NZL 40.54
6 PHILIP CHAPMAN USA 40.78
7 JAMES MOTION GBR 40.99
8 DANIEL GRUENDER USA 41.04
9 H. HYAKUTAKE JPN 41.24
10 PAUL MUMPFER FRG 41.36
11 AKINORI SAKAMOTO JPN 41.67
12 K. SAMESHIMA JPN 42.49
13 DON COUPE AUS 42.54
14 MITSURU ISHII JPN 43.73
15 TSUTAE KOMATSU JPN 43.80
16 S. NAKADATE JPN 43.98
17 TSUTOMU SEKI JPN 44.30
18 KENICHI FUJITA JPN 45.09
19 HAJIME TAKEUCHI JPN 45.32
20 TOSHITAME MANO JPN 45.95
21 MASASHI NAKAYAMA JPN 46.81
22 TAKASHI SUGITA JPN 46.91
23 WILLIAM CALLENDER USA 46.96
24 NOBORU TERAWAKI JPN 47.28
25 RYUICHIROH TANAKA JPN 47.32
26 SHOJI WADA JPN 47.33
27 BENNIE DOTSON USA 47.90
28 MINORU TAKATA JPN 49.59
29 HOROSHI OKUDA JPN 51.55

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

1 BRUNELLO GRAJA ITA 1:27.51
2 JONATHAN DAVIES AUS 1:29.15
3 PAUL MUMPFER FRG 1:30.13
4 THOMAS LOGAN NZL 1:32.29
5 KUSUHIDE UDA JPN 1:34.01
6 DANIEL GRUENDER USA 1:34.86
7 SHOGO SUDA JPN 1:35.34
8 MASAO KOBAYASHI JPN 1:35.74
9 JAMES MOTION GBR 1:36.29
10 PHILIP CHAPMAN USA 1:38.65
11 DON COUPE AUS 1:39.66
12 KENICHI FUJITA JPN 1:41.45

13 MICHAEL TORSNEY CAN 1:47.07
14 HITOSHI KASHINO JPN 1:50.43
15 WILLIAM CALLENDER USA 1:50.45
16 HISAO TAKAYAMA JPN 1:51.36

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

1 BRUNELLO GRAJA ITA 3:16.20
2 PAUL MUMPFER FRG 3:18.04
3 JONATHAN DAVIES AUS 3:18.82
4 THOMAS LOGAN NZL 3:23.28
5 TSUTAE KOMATSU JPN 3:31.96
6 MASAO KOBAYASHI JPN 3:32.47
7 SADA O YONEZAWA JPN 3:32.97
8 KUSUHIDE UDA JPN 3:35.09
9 AKINORI SAKAMOTO JPN 3:36.22
10 DANIEL GRUENDER USA 3:36.26
11 JANG WU WEN TPE 3:37.15
12 KENICHI FUJITA JPN 3:38.47
13 JAMES MOTION GBR 3:46.21
14 SUEO YAMAGUCHI JPN 3:57.46
15 TOMIO ISHIWATA JPN 4:05.96
16 WILLIAM CALLENDER USA 4:22.41
17 BILL VAN HOUTEN USA 4:25.46
18 KEITH WAKE AUS 4:52.58

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

1 YASUSHI TSUCHIMA JPN 32.82
2 FUMIO EGAMI JPN 33.22
3 TOHIKAZU TATEDA JPN 35.33
4 JONATHAN DAVIES AUS 36.73
5 EIGAKU AZUMA JPN 37.53
6 PHILIP CHAPMAN USA 37.85
7 MICHAEL TORSNEY CAN 38.11
8 TATSUNORI AMANO JPN 38.13
9 JAMES MOTION GBR 38.91
10 TOSHIO SHIMIZU JPN 39.51
11 DON COUPE AUS 40.53
12 VITTORIO MELETTI ITA 40.60
13 ROBERT MCCLURE NZL 40.65
14 JACK GALUIN CAN 40.72
15 KENICHI FUJITA JPN 42.09
16 SUEO YAMAGUCHI JPN 42.21
17 H. HYAKUTAKE JPN 43.76
18 WILLIAM CALLENDER USA 44.14
19 KIYOSHI OOTSUKI JPN 44.53
20 JOHN KORUGA USA 46.91
21 TOSHITAME MANO JPN 47.14
22 BENNIE DOTSON USA 48.90
23 FUMIAKI KATOH JPN 52.58
24 MINORU TAKATA JPN 57.52
25 MICHIO ISHIDA JPN 1:20.27

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

1 FUMIO EGAMI JPN 1:20.13
2 YASUSHI TSUCHIMA JPN 1:24.58
3 TOSHIKAZU TATEDA JPN 1:27.84
4 MICHAEL TORSNEY CAN 1:31.92
5 DON COUPE AUS 1:34.69
6 AKINORI SAKAMOTO JPN 1:39.34
7 VITTORIO MELETTI ITA 1:39.38
8 TOSHIKAZU OGURA JPN 1:48.82
9 WILLIAM CALLENDER USA 1:49.52
10 JOHN KORUGA USA 1:50.81
11 TSUTAE KOMATSU JPN 1:54.12

12 HIROMICHI MUTOU JPN 2:00.04

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

1 BRUNELLO GRAJA ITA 3:27.58
2 THOMAS LOGAN NZL 3:28.08
3 MICHAEL TORSNEY CAN 3:35.94
4 TOSHIKAZU TATEDA JPN 3:43.93
5 SIDNEY SALEK NZL 3:44.95
6 DON COUPE AUS 3:55.30
7 AKINORI SAKAMOTO JPN 4:01.83

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

1 GRAHAM JOHNSTON USA 2:49.61
2 ROBERT MCCLURE NZL 3:13.87
3 THOMAS LOGAN NZL 3:14.56
4 SIDNEY SALEK NZL 3:18.20
5 BRUNELLO GRAJA ITA 3:20.48
6 JONATHAN DAVIES AUS 3:22.18
7 JANG WU WEN TPE 3:24.44
8 SADA O YONEZAWA JPN 3:27.94
9 MICHAEL TORSNEY CAN 3:29.17
10 AKINORI SAKAMOTO JPN 3:37.69
11 VITTORIO MELETTI ITA 3:39.37
12 RISUKE WATANABE JPN 3:44.43
13 BILL VAN HOUTEN USA 4:00.54
14 KIYOSHI OOTSUKI JPN 4:07.43
15 JACK GRAHAM NZL 4:07.57
16 MICHIO ISHIDA JPN 6:14.57

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

1 PETER POWLISON USA 28.60
2 FRANK PIEMME USA 28.88
3 SAKAE MAKI BRA 30.69
4 JOHN WATT NZL 31.16
5 TSUTAE IWAGOH JPN 31.88
6 NEIL DOUST AUS 32.24
7 JACI TRUBY USA 32.25
8 KEIICHI TOKUNAGA JPN 32.35
9 FRANK GRANNIS USA 32.42
10 KIYOSHI ISHII JPN 33.06
11 JACK HICK AUS 34.22
12 TOYOSHIRO YAMADA JPN 34.26
13 SYOZO IZUNO JPN 34.55
14 JOSE RIBEIRO BRA 34.70
15 B. J. HANSEN USA 34.77
16 MASASHI KONDOH JPN 35.28
17 REIROH HIRAI JPN 35.38
18 YASUO MAEKAWA JPN 35.57
19 MASAO IWAMOTO JPN 35.58
20 JIM CALDWELL NZL 36.12
21 TSUTOMU SASAKI JPN 36.44
22 TADASHI SUZUKI JPN 36.77
23 ZENJI YASUHARA JPN 37.58
24 HIDEYUKI TERADA JPN 38.06
25 BRIAN PARKER NZL 39.27
26 KATSUZO FUJIKURA JPN 39.33
27 YOSHIO SETA JPN 39.38
28 DAVID HORN NZL 39.91
29 HACHIROU OOSAWA JPN 40.92
30 MAKOTO ISHIKAWA JPN 41.08
31 AKIRA OHARA JPN 43.08
32 HARRY MASKELL NZL 44.32
33 S. INOKUCHI JPN 45.77
34 BRYAN RUSHTON NZL 46.81

SWIMMING RESULTS - MEN

35 OGATA HORIUCHI JPN 47.09
36 ZENICHI NAKAI JPN 51.40
37 SAKAE OONO JPN 55.05
38 LOPEZ BELTRAN MEX 59.69

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

1 PETER POWLISON USA 1:03.94
2 FRANK PIEMME USA 1:07.10
3 TSUTAE IWAGOH JPN 1:10.68
4 JOHN WATT NZL 1:12.34
5 KEVIN VICKERY AUS 1:12.66
6 SAKAE MAKI BRA 1:13.06
7 KIYOSHI ISHII JPN 1:13.82
8 FRANK GRANNIS USA 1:15.17
9 NEIL DOUST AUS 1:15.23
10 BUNPEI HASHIMOTO JPN 1:16.20
11 MASASHI KONDOH JPN 1:19.33
12 JAMES EDWARDS USA 1:20.55
13 TOYOSHIRO YAMADA JPN 1:20.88
14 KANAME TANAKA JPN 1:22.25
15 TSUTOMU SUMITA JPN 1:22.45
16 JACK HICK AUS 1:22.67
17 SYOZOH IZUNO JPN 1:24.70
18 TOORU HIGUCHI JPN 1:25.86
19 YASUO MAEKAWA JPN 1:28.66
20 JIM CALDWELL NZL 1:29.01
21 KIYOTOSHI HIRAO JPN 1:30.02
22 SYUJI YOKOI JPN 1:30.07
23 S.MURAMATSU JPN 1:30.42
24 HACHIROU OOSAWA JPN 1:31.15
25 TEIZOH MAEDA JPN 1:31.35
26 KAZUO OCHIAI JPN 1:33.90
27 DAVID HORN NZL 1:34.17
28 HISATO NAKAJIMA JPN 1:35.73
29 YASUO ISHIBASHI JPN 1:36.42
30 HARRY MASKELL NZL 1:44.64
31 BRIAN PARKER NZL 1:47.36
32 MIKIO HIRANO JPN 1:52.16
33 TOKIO MAEKAWA JPN 2:14.61
34 T.MIZOGUCHI JPN 2:41.58

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

1 PETER POWLISON USA 2:26.94
2 FRANK PIEMME USA 2:39.78
3 KEVIN VICKERY AUS 2:46.74
4 KIYOSHI ISHII JPN 2:46.81
5 JOHN WATT NZL 2:49.38
6 JAMES EDWARDS USA 2:56.96
7 FRANK GRANNIS USA 3:01.57
8 GLYNN JONES USA 3:02.88
9 KEIICHI TOKUNAGA JPN 3:03.87
10 EMANUELE DELPINO ITA 3:06.11
11 TEIZOH MAEDA JPN 3:08.17
12 JACK HICK AUS 3:10.73
13 HACHIROU OOSAWA JPN 3:21.82
14 JACK CAREY AUS 3:28.37
15 CLIFF STEVENSON NZL 3:28.46
16 S.MURAMATSU JPN 3:36.27
17 YASUO ISHIBASHI JPN 3:41.62
18 YASUO MAEKAWA JPN 4:01.85
19 HARRY MASKELL NZL 4:14.27
20 ICHIRO KITA JPN 4:15.52
21 TOKIO MAEKAWA JPN 5:21.22

M E N -- 60-64 -- 400 M. FREE

1 PETER POWLISON USA 5:33.16
2 KIYOSHI ISHII JPN 5:53.75
3 KEVIN VICKERY AUS 5:58.27
4 JAMES EDWARDS USA 6:13.04
5 ISAO IKEGAMI JPN 6:18.49
6 GLYNN JONES USA 6:27.14
7 EMANUELE DELPINO ITA 6:32.02
8 FRANK GRANNIS USA 6:37.41
9 JACK HICK AUS 6:42.93
10 NORIYOSHI MOTEGI JPN 7:05.10
11 HACHIROU OOSAWA JPN 7:05.20
12 TEIZOH MAEDA JPN 7:10.38
13 MASASHI KONDOH JPN 7:11.40
14 CHARLES SCAMIDT USA 7:12.84
15 EDILBERTO CASASCO BRA 7:19.97
16 HARRY MASKELL NZL 9:28.36
17 TOKIO MAEKAWA JPN 11:31.05
18 TADAO SHIMIZU JPN 13:39.75

M E N -- 60-64 -- 800 M. FREE

1 PETER POWLISON USA 11:51.63
2 KIYOSHI ISHII JPN 12:35.88
3 KEVIN VICKERY AUS 12:40.66
4 JAMES EDWARDS USA 13:05.90
5 GLYNN JONES USA 13:48.43
6 EMANUELE DELPINO ITA 13:56.96
7 TEIZOH MAEDA JPN 14:28.17
8 JACK HICK AUS 14:31.68
9 BURRIS LAMAR USA 15:16.75
10 MASASHI KONDOH JPN 15:25.40
11 CLIFF STEVENSON NZL 15:31.95
12 HACHIROU OOSAWA JPN 15:45.27
13 TOKIO MAEKAWA JPN 24:20.14
14 TADAO SHIMIZU JPN 28:21.77

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

1 YASUMASA NISHINO JPN 38.12
2 GEORGE GANDSEY USA 38.56
3 JOHN WATT NZL 38.73
4 WALTER SCHOBBER FRG 39.68
5 JACI TRUBY USA 40.46
6 MASAO IWAMOTO JPN 41.77
7 ISAO IKEGAMI JPN 42.60
8 KANAME TANAKA JPN 42.79
9 KEIJI KINUGASA JPN 42.84
10 TSUTOMU SASAKI JPN 43.75
11 NEIL DOUST AUS 44.90
12 MASARU HASHIMOTO JPN 45.00
13 MARVN LEVINE USA 45.04
14 KATSUZO FUJIKURA JPN 45.05
15 MITSUO KANENO JPN 45.66
16 K.HIROSAWA JPN 46.21
17 B.J.HANSEN USA 46.70
18 FRANK GRANNIS USA 47.00
19 KIYOTOSHI HIRAO JPN 47.35
20 JACK CAREY AUS 50.48
21 HISATO NAKAJIMA JPN 52.39
22 HIRONAO TAKENAKA JPN 52.81
23 S.MURAMATSU JPN 53.18
24 TSUTOMU SUMITA JPN 55.27
25 S.INOKUCHI JPN 56.34
26 JOSE RIBEIRO BRA 57.63
27 TOMIZOH NAMIKI JPN 59.86
28 LOPEZ BELTRAN MEX 1:01.54

29 SYUJI YOKOI JPN 1:03.29
30 TOKIO MAEKAWA JPN 1:15.17

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

1 JOHN WATT NZL 1:27.53
2 WALTER SCHOBBER FRG 1:28.93
3 GEORGE GANDSEY USA 1:29.85
4 JACI TRUBY USA 1:35.62
5 GEORGE MELICK USA 1:36.65
6 MASARU HASHIMOTO JPN 1:40.40
7 TSUTOMU SASAKI JPN 1:47.36
8 MITSUO KANENO JPN 1:51.31
9 JACK CAREY AUS 1:59.67
10 LOPEZ BELTRAN MEX 2:14.01

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

1 WALTER SCHOBBER FRG 3:16.22
2 GEORGE GANDSEY USA 3:20.15
3 JAMES EDWARDS USA 3:34.11
4 BURRIS LAMAR USA 3:42.16
5 MASARU HASHIMOTO JPN 3:54.43
6 EMANUELE DELPINO ITA 3:55.85
7 GLYNN JONES USA 4:01.81
8 MITSUO KANENO JPN 4:24.72
9 LOPEZ BELTRAN MEX 4:54.47

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

1 TOSHIO TAJIMA JPN 38.81
2 JOSEPH KURTZMAN USA 38.98
3 FRANK PIEMME USA 39.45
4 EDWARD RUDLOFF USA 39.79
5 ISAO IKEGAMI JPN 40.96
6 FERNANDO NAJERA MEX 42.00
7 TAKESHI YASUKAWA JPN 42.10
8 GEORGE MELICK USA 43.41
9 SABUROH FUKUHARA JPN 44.04
10 NEIL DOUST AUS 44.21
11 TOYOSHIRO YAMADA JPN 44.32
12 TOSHIHIKO ITOH JPN 44.41
13 B.J.HANSEN USA 44.68
14 JUNG HSU CHUN TPE 44.80
15 ATSUSHI SUGAO JPN 45.08
16 MASASHI KONDOH JPN 45.86
17 CLIFF STEVENSON NZL 46.57
18 CHARLES SCAMIDT USA 46.60
19 GENJI SHIROTANI JPN 46.83
20 HIRONAO TAKENAKA JPN 47.06
21 TAKASHI TONOKO JPN 47.81
22 REIROH HIRAI JPN 48.29
23 JACK CAREY AUS 48.70
24 YOSHIAKI UEDA JPN 51.31
25 TOMISHI YAMADA JPN 51.54
26 OGATA HORIUCHI JPN 52.10
26 MINORA KUROKAWA JPN 52.10
28 KIYOTOSHI HIRAO JPN 52.51
29 TSUTOMU SUMITA JPN 54.86
30 KAZUO OCHIAI JPN 55.18
31 YOSHIO SETA JPN 59.32
32 AKIRA OHARA JPN 1:01.64
33 HIROSHI SAWAMURA JPN 1:06.47
34 LOPEZ BELTRAN MEX 1:10.54
35 BRYAN RUSHTON NZL 1:11.43

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

SWIMMING RESULTS - MEN

1	EDWARD RUDLOFF	USA	1:32.10
2	JOSEPH KURTZMAN	USA	1:32.97
3	FERNANDO NAJERA	MEX	1:33.30
4	TAKESHI YASUKAWA	JPN	1:33.77
5	HSI LEE SHIH	TPE	1:37.27
6	GEORGE MELICK	USA	1:41.24
7	TOSHIHIKO ITOH	JPN	1:41.49
8	SABUROH FUKUHARA	JPN	1:42.05
9	TOYOSHIRO YAMADA	JPN	1:42.65
10	JUNG HSU CHUN	TPE	1:43.75
11	CLIFF STEVENSON	NZL	1:46.12
12	TOMISHI YAMADA	JPN	1:59.83

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

1	ISAO IKEGAMI	JPN	3:24.54
2	EDWARD RUDLOFF	USA	3:26.99
3	FERNANDO NAJERA	MEX	3:28.56
4	TAKESHI YASUKAWA	JPN	3:39.80
5	GEORGE MELICK	USA	3:42.20
6	CLIFF STEVENSON	NZL	3:51.69
7	SABUROH FUKUHARA	JPN	3:53.36
8	EDILBERTO CASASCO	BRA	3:54.35
9	JACK CAREY	AUS	4:06.72
10	CHARLES SCAMIDT	USA	4:15.95
11	BURRIS LAMAR	USA	4:18.04

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

1	FRANK PIEMME	USA	33.11
2	JOSEPH KURTZMAN	USA	36.47
3	KEIICHI TOKUNAGA	JPN	37.18
4	KOHICHI ICHIIYAMA	JPN	39.70
5	ATSUSHI SUGAO	JPN	39.79
6	B. J. HANSEN	USA	39.89
7	FERNANDO NAJERA	MEX	40.02
8	ISAMU SUZUKI	JPN	40.54
9	MARVN LEVINE	USA	42.40
10	YASUO MAEKAWA	JPN	42.71
11	JACL TRUBY	USA	47.68
12	JOSE RIBEIRO	BRA	48.07
13	TSUTOMU SASAKI	JPN	48.37
14	KIYOTOSHI HIRAO	JPN	48.97
15	TOUSUKE HARADA	JPN	49.37
16	MITSUO KANENO	JPN	52.22
17	TOMIZOH NAMIKI	JPN	52.28
18	HIRONAO TAKENAKA	JPN	55.68
19	HACHIROH KOGURE	JPN	57.93
20	ICHIRO KITA	JPN	1:01.16
21	S. INOKUCHI	JPN	1:02.70
22	TADASHI SUZUKI	JPN	1:07.53

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

1	JOSEPH KURTZMAN	USA	1:25.85
2	FERNANDO NAJERA	MEX	1:36.55
3	MARVN LEVINE	USA	1:41.13
4	EDILBERTO CASASCO	BRA	1:55.96

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

1	JOSEPH KURTZMAN	USA	3:17.78
2	EDWARD RUDLOFF	USA	3:40.98
3	BURRIS LAMAR	USA	3:58.74
4	B. J. HANSEN	USA	4:18.91
5	CHARLES SCAMIDT	USA	4:41.99

6 GLYNN JONES USA 4:51.70

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

1	EDWARD RUDLOFF	USA	3:17.06
2	KEVIN VICKERY	AUS	3:22.63
3	KOHICHI ICHIIYAMA	JPN	3:27.80
4	MARVN LEVINE	USA	3:38.87
5	BURRIS LAMAR	USA	3:50.23
6	CHARLES SCAMIDT	USA	3:53.99
7	HIRONAO TAKENAKA	JPN	4:14.80
8	MITSUO KANENO	JPN	4:54.47

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

1	FILHO AMARAL	BRA	31.59
2	PATRICK MILSON	CAN	32.37
3	HARRY RAWSTROM	USA	32.96
4	GUS CLEMENS	USA	33.28
5	TAKASHI OKABE	JPN	33.64
6	JYUZOH TSUBOTA	JPN	34.06
7	CES TOMPKINS	AUS	34.17
8	BEANS YAMAMOTO	USA	34.30
9	KUNIO KAMATA	JPN	34.59
10	ROBERT SCOLES	USA	34.60
11	RYUICHI KIMURA	JPN	34.90
12	JOHN LAIRD	USA	35.60
13	DONALD FOWLES	AUS	36.02
13	SHIROH TERUYAMA	JPN	36.02
15	HEIJI YAMANAKA	JPN	36.65
16	HENRY SHOSTCHUK	USA	38.23
17	SACHIO MATSUSAKA	JPN	39.01
18	WALLY HOFFRICHTER	USA	39.23
19	ALFREDO MACHADO	BRA	44.98
20	CHUZABUROH TOMITA	JPN	47.09
21	TOMIO KAWAMURA	JPN	52.61
22	JOHN RALEIGH	NZL	54.40

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

1	PATRICK MILSON	CAN	1:16.33
2	TAIKICHI MYOJIN	JPN	1:16.56
3	T. NAKASHIMA	JPN	1:16.93
4	TOYOJI TAKAMI	JPN	1:16.94
5	ROBERT SCOLES	USA	1:17.70
6	GUS CLEMENS	USA	1:18.52
7	HARRY RAWSTROM	USA	1:18.90
8	RYUICHI KIMURA	JPN	1:18.96
9	CES TOMPKINS	AUS	1:22.82
10	HIROSHI ANDOH	JPN	1:27.51
11	TSUKURU EGUCHI	JPN	1:30.98
12	SHIGERU MIYA	JPN	1:32.45
13	HENRY SHOSTCHUK	USA	1:35.45
14	MASAKAZU AOKI	JPN	1:36.52
15	TOSHITAKE SATOH	JPN	1:41.68
16	ALFREDO MACHADO	BRA	1:53.78
17	SHIGEO SUZUKI	JPN	1:58.16

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

1	RAY TAFT	USA	2:40.54
2	DOUMEI SUZUKI	JPN	2:45.99
3	GUS CLEMENS	USA	3:01.95
4	PATRICK MILSON	CAN	3:02.17
5	RYUICHI KIMURA	JPN	3:04.75
6	ROBERT SCOLES	USA	3:07.15
7	SADAAKI AKIYAMA	JPN	3:08.30

8	CES TOMPKINS	AUS	3:09.67
9	HARWELL MOSELEY	USA	3:09.81
10	TOYOJI TAKAMI	JPN	3:11.84
11	KUSUO KITAMURA	JPN	3:20.40
12	TSUKURU EGUCHI	JPN	3:21.76
13	E.E. BUO DALLMANN	USA	3:24.92
14	HARRY RAWSTROM	USA	3:25.14
15	SUMIO KAWASAKI	JPN	3:32.92
16	HENRY SHOSTCHUK	USA	3:33.17
17	SHIGERU MIYA	JPN	3:49.13
18	YASUO ITAMI	JPN	3:58.20
19	DAVID SNOW	USA	4:16.62

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

1	DOUMEI SUZUKI	JPN	5:53.39
2	GUS CLEMENS	USA	6:38.41
3	SADAAKI AKIYAMA	JPN	6:42.23
4	ROBERT SCOLES	USA	6:47.27
5	TSUKURU EGUCHI	JPN	7:07.51
6	E.E. BUO DALLMANN	USA	7:17.86
7	YASUO MASUKI	JPN	7:41.92
8	HARRY RAWSTROM	USA	7:59.70
9	LESLIE BULLEN	AUS	8:02.70
10	HENRY SHOSTCHUK	USA	8:04.50
11	DONALD FOWLES	AUS	8:05.35
12	B. BRUSCANTINI	ITA	8:15.46
13	SHIGERU MIYA	JPN	8:32.39
14	DAVID SNOW	USA	9:12.56
15	LAUCHLAN TAYLOR	CAN	9:17.57

M E N -- 65-69 -- 800 M. FREE

1	DOUMEI SUZUKI	JPN	12:19.10
2	ALDO DA ROSA	USA	13:14.72
3	NANIWA OKADA	JPN	13:26.67
4	GUS CLEMENS	USA	13:45.66
5	SADAAKI AKIYAMA	JPN	14:04.06
6	ROBERT SCOLES	USA	14:05.76
7	T. NAKASHIMA	JPN	14:30.73
8	TSUKURU EGUCHI	JPN	14:59.22
9	HEIJI YAMANAKA	JPN	15:37.89
10	B. BRUSCANTINI	ITA	16:59.91
11	LESLIE BULLEN	AUS	17:10.59
12	HENRY SHOSTCHUK	USA	17:31.69
13	DONALD FOWLES	AUS	17:58.44

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

1	RAY TAFT	USA	37.03
2	FILHO AMARAL	BRA	39.35
3	TAIKICHI MYOJIN	JPN	40.28
4	PATRICK MILSON	CAN	41.05
5	H. MIYAZAKI	JPN	41.09
6	BEANS YAMAMOTO	USA	41.16
7	HANS LURSEN	FRG	43.41
8	YASUO MASUKI	JPN	44.58
9	ALEX CURTIS	USA	44.73
10	FUSAO HOSOI	JPN	46.35
11	TSUKURU EGUCHI	JPN	46.44
12	CES TOMPKINS	AUS	46.52
13	MINORU IIDA	JPN	46.79
14	SUMIO KAWASAKI	JPN	48.65
15	WALLY HOFFRICHTER	USA	54.74
16	CHUZABUROH TOMITA	JPN	57.37
17	TADASHI YAMAGUCHI	JPN	58.62

SWIMMING RESULTS - MEN

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

1	RAY TAFT	USA	1:25.40
2	H.MIYAZAKI	JPN	1:34.13
3	PATRICK MILSON	CAN	1:34.20
4	BEANS YAMAMOTO	USA	1:35.34
5	ALEX CURTIS	USA	1:39.08
6	YASUO MASUKI	JPN	1:40.37
7	HANS LURSEN	FRG	1:41.32
8	KUSUO KITAMURA	JPN	1:41.45
9	Y.YOSHIKAWA	JPN	1:50.55
10	DAVID SNOW	USA	2:18.23

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

1	RAY TAFT	USA	3:13.90
2	H.MIYAZAKI	JPN	3:36.08
3	ALEX CURTIS	USA	3:38.32
4	YASUO MASUKI	JPN	3:42.09
5	HANS LURSEN	FRG	4:03.16
6	LESLIE BULLEN	AUS	4:31.71
7	DONALD FOWLES	AUS	4:48.67
8	DAVID SNOW	USA	4:56.28
9	LAUCHLAN TAYLOR	CAN	5:37.70

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

1	WALTER MINNICH	FRG	39.82
2	Y.MIYAMOTO	JPN	42.65
3	ALDO DA ROSA	USA	42.93
4	ROKUROH NAEMURA	JPN	43.28
5	JOHN LAIRD	USA	43.41
6	HEINZ WOLF	FRG	48.13
7	WALLY HOFFRICHTER	USA	48.87
8	FUSAO HOSOI	JPN	50.07
9	SACHIO MATSUSAKA	JPN	50.48
10	HARRY RAWSTROM	USA	50.53
11	HACHIROH KIDOZAKI	JPN	51.81
12	SHIROU AISO	JPN	56.86

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

1	WALTER MINNICH	FRG	1:31.98
2	ALDO DA ROSA	USA	1:33.20
3	TSAI LIN HUO	TPE	1:35.08
4	ROKUROH NAEMURA	JPN	1:36.56
5	Y.MIYAMOTO	JPN	1:38.37
6	JOHN LAIRD	USA	1:42.17
7	E.E.BUO DALLMANN	USA	1:50.50
8	SACHIO MATSUSAKA	JPN	1:55.99
9	ROBERT MORSE	USA	1:59.91
10	DONALD FOWLES	AUS	2:03.96
11	KAZUYA OZAKI	JPN	2:29.61

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

1	WALTER MINNICH	FRG	3:28.41
2	ALDO DA ROSA	USA	3:28.47
3	TSAI LIN HUO	TPE	3:32.13
4	JOHN LAIRD	USA	3:40.85
5	Y.MIYAMOTO	JPN	3:47.28
6	E.E.BUO DALLMANN	USA	4:09.24

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

1	HARWELL MOSELEY	USA	40.21
2	JOHN LAIRD	USA	41.73

3	T.NAKASHIMA	JPN	42.19
4	TAKASHI OKABE	JPN	42.21
5	CES TOMPKINS	AUS	42.71
6	BEANS YAMAMOTO	USA	44.44
7	RYUICHI KIMURA	JPN	44.86
8	WALLY HOFFRICHTER	USA	45.69
9	HEINZ WOLF	FRG	46.07
10	SEIICHI TSUCHIYA	JPN	46.69
11	TADASHI YAMAGUCHI	JPN	49.56
12	HEIJI YAMANAKA	JPN	53.82
13	ROBERT MORSE	USA	57.41
14	LAUCHLAN TAYLOR	CAN	1:27.99

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

1	HARWELL MOSELEY	USA	1:41.72
2	YASUO MASUKI	JPN	2:00.95
3	T.NAKASHIMA	JPN	2:02.08
4	SEIICHI TSUCHIYA	JPN	2:06.85
5	ALEX CURTIS	USA	2:12.04
6	ROBERT MORSE	USA	2:26.49

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

1	HARWELL MOSELEY	USA	4:04.61
2	ALDO DA ROSA	USA	4:07.33
3	ROBERT MORSE	USA	4:40.91
4	B.BRUSCANTINI	ITA	5:10.95

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

1	RAY TAFT	USA	3:09.33
2	HARWELL MOSELEY	USA	3:44.88
3	ROBERT MORSE	USA	4:33.87
4	B.BRUSCANTINI	ITA	4:37.25
5	LAUCHLAN TAYLOR	CAN	5:35.34

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

1	WOODROW BOWERSOCK	USA	33.21
2	PETE OKUMOTO	USA	33.43
3	WILLIAM GRANT	USA	34.78
4	RYOSUKE YAMASAKI	JPN	37.13
5	GENE CROSSETT	USA	37.48
6	SHOGORO AZUMA	JPN	37.71
7	UTOHISA OOSAKI	JPN	39.07
8	KEIJOH TANAKA	JPN	41.04
9	T.NUKARIYA	JPN	41.08
10	SEIICHI HAMAI	JPN	42.52
11	KAM FUI CHAN	TPE	42.85
12	MASATOSHI IMAI	JPN	43.12
13	K.BROADBENT	NZL	43.84
14	SEIICHI SUNAGA	JPN	47.60
15	EUGENE LEHMAN	CAN	48.73
16	RYUJI KAWASAKI	JPN	51.48
17	DAN GANA	ITA	54.27

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

1	HIKOJI UEKI	JPN	1:16.62
2	PETE OKUMOTO	USA	1:17.85
3	WOODROW BOWERSOCK	USA	1:18.80
4	WILLIAM GRANT	USA	1:26.61
5	Y.HASEGAWA	JPN	1:26.99
6	GENE CROSSETT	USA	1:27.31
7	SHOGORO AZUMA	JPN	1:29.23
7	MASAO ICHIMURA	JPN	1:29.23

9	HEINZ SIEGEL	FRG	1:32.26
10	RYOSUKE YAMASAKI	JPN	1:33.08
11	Y.MIZUKAMI	JPN	1:47.15
12	EUGENE LEHMAN	CAN	1:54.07
13	RYUJI KAWASAKI	JPN	2:02.49
14	TEIICHI HONDA	JPN	2:10.08
15	HIROSHI HASEGAWA	JPN	2:26.35

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

1	HIKOJI UEKI	JPN	2:55.65
2	PETE OKUMOTO	USA	3:03.24
3	WOODROW BOWERSOCK	USA	3:14.43
4	GENE CROSSETT	USA	3:20.49
5	SHOGORO AZUMA	JPN	3:32.95
6	HEINZ SIEGEL	FRG	3:33.56
7	EUGENE LEHMAN	CAN	4:22.45
8	JOSEPH RUDDLEY	USA	4:28.85

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

1	HIKOJI UEKI	JPN	6:15.31
2	PETE OKUMOTO	USA	6:40.03
3	GENE CROSSETT	USA	7:09.29
4	WOODROW BOWERSOCK	USA	7:20.00
5	HANNE SOHWARZ	FRG	7:33.61
6	HEINZ SIEGEL	FRG	7:43.54
7	WERNER ZIPPERLING	FRG	7:44.15
8	JOSEPH RUDDLEY	USA	9:26.74
9	EUGENE LEHMAN	CAN	9:42.15

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

1	HIKOJI UEKI	JPN	12:54.04
2	EDWARD SHEA	USA	13:41.37
3	GENE CROSSETT	USA	15:19.91
4	DAVID ROWAN	USA	15:37.58
5	HANNE SCHWARZ	FRG	15:42.24
6	WERNER ZIPPERLING	FRG	15:43.05
7	JOHN STINSON	USA	15:49.78
8	HEINZ SIEGEL	FRG	17:21.11
9	EUGENE LEHMAN	CAN	18:25.29
10	JOSEPH RUDDLEY	USA	19:52.83

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

1	EDWARD SHEA	USA	39.72
2	TOKUSHI YONEDA	JPN	41.58
3	HANNE SCHWARZ	FRG	42.63
4	MASAJI KIYOKAWA	JPN	43.25
5	S.KAWABATA	JPN	43.33
6	DAVID ROWAN	USA	43.79
7	CAMERON BUCHANAN	NZL	45.28
8	KEIJOH TANAKA	JPN	47.69
9	WOODROW BOWERSOCK	USA	47.91
10	SEIICHI HAMAI	JPN	49.23
10	SHOGORO AZUMA	JPN	49.23
12	T.NUKARIYA	JPN	51.43
13	PIN WANG SAN	TPE	53.81
14	MASATOSHI IMAI	JPN	54.97
15	K.BROADBENT	NZL	57.53
16	SHINJI SUGIMOTO	JPN	59.39
17	HIROSHI HASEGAWA	JPN	1:03.64
18	SHOJI TAKAHASHI	JPN	1:19.33

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

SWIMMING RESULTS - MEN

1 EDWARD SHEA USA 1:30.52
2 DAVID ROWAN USA 1:35.20
3 HANNE SCHWARZ FRG 1:36.57
4 CAMERON BUCHANAN NZL 1:39.23
5 S.KAWABATA JPN 1:41.24
6 JOSEPH RUDDLEY USA 2:44.92

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

1 EDWARD SHEA USA 3:19.92
2 HANNE SCHWARZ FRG 3:33.45
3 DAVID ROWAN USA 3:34.75
4 TOKUSHI YONEDA JPN 3:40.18
5 CAMERON BUCHANAN NZL 3:47.81
6 S.KAWABATA JPN 3:56.67
7 WERNER ZIPPERLING FRG 4:27.11
8 JOSEPH RUDDLEY USA 5:43.39

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

1 HIROMU YOSHIMOTO JPN 42.03
2 BENNETT ALLEN USA 42.10
3 Y.HASEGAWA JPN 44.71
4 UTOHISA OOSAKI JPN 46.76
5 R.LOMBARDIA ITA 52.12
6 PIN WANG SAN TPE 53.23
7 TAKEO FUKUTOME JPN 53.98
8 K.BROADBENT NZL 56.26
9 KIROKU SHANO JPN 1:00.21
10 HIROSHI HASEGAWA JPN 1:03.28

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

1 BENNETT ALLEN USA 1:36.62
2 HIROMU YOSHIMOTO JPN 1:40.10
3 TAKEO FUKUTOME JPN 2:02.53
4 ENZO LOMBARDIA ITA 2:04.87
5 SOHJI KANAZAWA JPN 2:12.52
6 K.BROADBENT NZL 2:24.56

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

1 HIKOJI UEKI JPN 3:43.12
2 BENNETT ALLEN USA 3:43.30
3 HIROMU YOSHIMOTO JPN 3:48.07
4 Y.HASEGAWA JPN 4:08.18
5 JOHN STINSON USA 4:18.50
6 BADI LOM ITA 4:40.57
7 SOHJI KANAZAWA JPN 4:55.53
8 K.BROADBENT NZL 5:13.21

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

1 DAVID ROWAN USA 42.49
2 Y.HASEGAWA JPN 42.51
3 WILLIAM GRANT USA 42.96
4 RYOSUKE YAMASAKI JPN 49.58
5 S.KAWABATA JPN 1:01.68

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

1 JOHN STINSON USA 1:54.07
2 WILLIAM GRANT USA 1:54.25
3 Y.HASEGAWA JPN 1:56.01

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

1 JOHN STINSON USA 4:35.88

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

1 JOHN STINSON USA 4:02.15
2 HEINZ SIEGEL FRG 4:13.86
3 WILLIAM GRANT USA 4:15.90
4 S.KAWABATA JPN 4:25.11
5 H.MIZUGUCHI JPN 5:09.28

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

1 TOSHIO TERA0 JPN 35.59
2 FRANK BELLAIRE USA 37.29
3 TEX ROBERTSON USA 37.73
4 THOMAS MONAHAN USA 39.51
5 LEE STARR USA 43.15
6 MALCOLM CONNOR NZL 45.64
7 MASAYUKI OOTAKI JPN 49.74

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

1 TOSHIO TERA0 JPN 1:23.69
2 FRANK BELLAIRE USA 1:28.51
3 TEX ROBERTSON USA 1:31.11
4 MALCOLM CONNOR NZL 1:38.83
5 LEE STARR USA 1:42.30
6 MASAYUKI OOTAKI JPN 2:10.60

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

1 TOSHIO TERA0 JPN 3:16.00
2 TEX ROBERTSON USA 3:29.04
3 FRANK BELLAIRE USA 3:33.70
4 AKIRA FUJITA JPN 3:35.33
5 MALCOLM CONNOR NZL 3:59.35
6 EIZOH SHINBOH JPN 4:17.14

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

1 TOSHIO TERA0 JPN 6:57.41
2 TEX ROBERTSON USA 7:31.39
3 MALCOLM CONNOR NZL 8:51.01
4 EIZOH SHINBOH JPN 9:12.84
5 JYUNICHI SUZUKI JPN 10:06.06

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

1 TOSHIO TERA0 JPN 15:02.41
2 TEX ROBERTSON USA 15:44.49
3 MALCOLM CONNOR NZL 19:18.10
4 EIZOH SHINBOH JPN 21:01.40

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

1 THOMAS MONAHAN USA 48.04
2 LEE STARR USA 49.85
3 SUSUMU MURAYAMA JPN 55.64
4 KENJI MATSUMOTO JPN 1:00.89
5 M.ICHIMASHI JPN 1:01.07
6 KOHICHI FUJII JPN 1:01.83
7 MASAYUKI OOTAKI JPN 1:04.93
8 NORIO ISHII JPN 1:06.84

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

1 LEE STARR USA 1:56.92

2 SUSUMU MURAYAMA JPN 2:01.40
3 KOHICHI FUJII JPN 2:13.93

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

1 THOMAS MONAHAN USA 4:17.70
2 LEE STARR USA 4:25.08
3 SUSUMU MURAYAMA JPN 4:41.86
4 FRANK GRIFFITHS AUS 4:42.59
5 EIZOH SHINBOH JPN 5:17.80

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

1 KENOSUKE KOYAMA JPN 48.44
2 KOHKEN WASHIO JPN 53.46
3 ERNEST HALE USA 58.68
4 SUSUMU MURAYAMA JPN 1:03.69
5 SOUCHI ONO JPN 1:09.34

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

1 KENOSUKE KOYAMA JPN 2:02.69
2 SUSUMU MURAYAMA JPN 2:28.05
3 SOUCHI ONO JPN 2:42.20

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

1 FRANK GRIFFITHS AUS 4:33.51
2 KENOSUKE KOYAMA JPN 4:46.22

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

1 ERNEST HALE USA 1:02.30
2 M.ICHIMASHI JPN 1:03.61
3 KOHICHI FUJII JPN 1:19.25

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

1 FRANK GRIFFITHS AUS 2:15.39
2 ERNEST HALE USA 2:57.32

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

1 FRANK GRIFFITHS AUS 5:00.93
2 ERNEST HALE USA 7:58.04

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

1 FRANK GRIFFITHS AUS 4:27.19
2 ERNEST HALE USA 6:02.99
3 EIZOH SHINBOH JPN 7:41.25

M E N -- 80-84 -- 50 M. FREE

1 PETER JURCZYK USA 50.21
2 KIYOKICHI SUENAGA JPN 1:03.05
3 STANLEY HARRIS NZL 1:55.85

M E N -- 80-84 -- 100 M. FREE

1 SHUREI UEDA JPN 2:43.10

M E N -- 80-84 -- 200 M. FREE

1 SYOUHEI YOSHIDA JPN 4:04.55

M E N -- 80-84 -- 400 M. FREE

SWIMMING RESULTS - MEN

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*****
1 HENRY FOWLER      AUS 12:21.28
*****
M E N -- 80-84 -- 800 M. FREE
*****
1 HENRY FOWLER      AUS 29:33.28
*****
M E N -- 80-84 -- 50 M. BACK
*****
1 PETER JURCZYK     USA   59.58
2 HENRY FOWLER      AUS  1:03.44
3 SHUREI UEDA       JPN  1:31.83
*****
M E N -- 80-84 -- 100 M. BACK
*****
1 PETER JURCZYK     USA  2:20.25
2 HENRY FOWLER      AUS  2:27.17
*****
M E N -- 80-84 -- 200 M. BACK
*****
1 PETER JURCZYK     USA  5:09.46
2 HENRY FOWLER      AUS  6:03.28
*****
M E N -- 80-84 -- 50 M. BRST
*****
1 ISAMU MIYAMOTO    JPN  1:40.12
*****
M E N -- 80-84 -- 50 M. FLY
*****
1 PETER JURCZYK     USA  1:32.25
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I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

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

1	KAREN MELICK	USA	29.53
2	LUCIA FARNA	BRA	29.61
3	YUNHKO IKEDA	JPN	29.67
4	SYLVIA VAN AMSTEL	NED	30.45
5	VERITY DOBBIE	GBR	30.50
6	MARI HIROSE	JPN	31.81
7	YOSHIE MITSUI	JPN	32.16
8	NORIKO MATSUYAMA	JPN	32.57
9	ADELE HOUSTOURU	GBR	32.58
10	CHIZUKO MIYAHARA	JPN	32.83
11	ALISON HAY	GBR	32.91
12	YURIKE KOIZUMI	JPN	34.21
13	JINNO KIMIKO	JPN	34.61
14	KAZUE IWAI	JPN	35.67
15	CRISTINA SILVA	BRA	36.31
16	YOSHIMI MIYATA	JPN	36.75
17	CHIEMI USUI	JPN	37.01
18	GAYNOR MACINTYRE	AUS	37.06
19	ATSUKO UEDA	JPN	37.22
20	ANN BAIRD	GBR	37.25
21	SAWAKO HASHIMOTO	JPN	37.51
22	HUI KIN PING	HKG	37.60
23	KAREN POUND	AUS	38.18
24	SILVIA GIARDA	ITA	38.46
25	KAORI IIZUKA	JPN	38.77
26	JYUNKO SUZUKI	JPN	39.56
27	AKEMI TOSA	JPN	40.58
28	NAHOKO SEKIGUCHI	JPN	40.83
29	KIYOMI MATSUMOTO	JPN	41.29
30	FUMIKO MURAKAMI	JPN	41.39
31	AU SIU MUI ANISSA	HKG	41.61
32	OOHASHI MIYUKI	JPN	41.92
33	CHIBA AKIYO	JPN	42.47
34	KAWASAKI MIYUKI	JPN	43.14
35	SANMARU YUKA	JPN	45.59
36	TOMURA SADAKO	JPN	45.70
37	T.SACHIKO	JPN	46.59
38	KOYAMA HARUMI	JPN	50.48
39	MIKAMI NORIKO	JPN	51.29
40	OOSHIMA YOSHIKO	JPN	56.33

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

1	LUCIA FARNA	BRA	1:04.67
2	S.PLOOS V AMSTEL	NED	1:06.57
3	WHITLEY GREENE	USA	1:07.49
4	MOTEO KAWAMURA	JPN	1:09.52
5	YOSHIE MITSUI	JPN	1:09.74
6	MARY ONEILL	USA	1:10.52
7	JAWICE MILLAR	GBR	1:11.13
8	SUZANNU SARIBAN	JPN	1:12.25
9	AKEMI NISHIOKA	JPN	1:13.87
10	NORIKO MATSUYAMA	JPN	1:15.35
11	ALISON HAY	GBR	1:15.92
12	JENNIFER GOODER	CAN	1:18.52
13	CHIEKO KOBAYASHI	JPN	1:20.76
14	MIKIKO YONEZAWA	JPN	1:21.02
15	YURIKE KOIZUMI	JPN	1:21.03
16	GAYNOR MACINTYRE	AUS	1:22.11
17	JYUNKO SUZUKI	JPN	1:24.54
18	JENNIFER BIRD	AUS	1:24.97
19	TERUKO KANOU	JPN	1:29.25
20	YOSHIKO MIKI	JPN	1:33.76
21	MIEKO MIYAZAKI	JPN	1:38.06

22 AKIKO HIROSE JPN 1:46.98

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

1	CATHY NEVILLE	USA	2:16.16
2	LUCIA FARNA	BRA	2:23.37
3	ANITA KILLMIER	AUS	2:23.73
4	VERITY DOBBIE	GBR	2:24.86
5	S.PLOOS V AMSTEL	NED	2:29.15
6	CLAIRE FERGUSON	AUS	2:30.55
7	YOSHIE MITSUI	JPN	2:33.52
8	ANDREE DEVINE	USA	2:34.84
9	SUZANNU SARIBAN	JPN	2:43.50
10	CHIZUKO MIYAHARA	JPN	2:43.79
11	SUSAN LIPSEY	USA	2:53.47
12	SANAMI IKEDA	JPN	3:05.95
13	GAYNOR MACINTYRE	AUS	3:09.75
14	YUKIKO MITAKE	JPN	3:10.43
15	JINNO KIMIKO	JPN	3:13.95
16	HIDEKO FUKUI	JPN	3:15.95
17	TERUKO KANOU	JPN	3:19.76
18	YOSHIKO MIKI	JPN	3:25.25
19	JACQUELINE HEATON	AUS	3:25.99
20	MINORI NAKANISHI	JPN	4:01.28

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

1	CHERYL GIBSON	CAN	4:43.59
2	CATHY NEVILLE	USA	4:45.40
3	KAREN MAIDMENT	AUS	4:53.30
4	ALISON NOBLE	CAN	4:56.22
5	LUCIA FARNA	BRA	5:13.26
6	CLAIRE FERGUSON	AUS	5:26.34
7	YOSHIE MITSUI	JPN	5:29.22
8	ANDREE DEVINE	USA	5:29.51
9	LAURA BAUMHOFER	USA	5:32.41
10	SUZANNU SARIBAN	JPN	5:51.06
11	TRACY FOX	USA	6:03.52
12	SUSAN LIPSEY	USA	6:19.67
13	JENNIFER GOODER	CAN	6:23.62
14	SANAMI IKEDA	JPN	6:31.79
15	GAYNOR MACINTYRE	AUS	6:52.99
16	SHIZUYO MORIGUCHI	JPN	7:01.27
17	KAORI IIZUKA	JPN	7:02.09
18	KIMIKO JINNO	JPN	7:04.92
19	JACQUELINE HEATON	AUS	7:09.89
20	SILVIA GIARDA	ITA	7:52.26

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

1	CATHY NEVILLE	USA	9:51.01
2	KAREN MAIDMENT	AUS	10:00.61
3	CLAIRE FERGUSON	AUS	10:44.82
4	LAURA BAUMHOFER	USA	11:05.79
5	ROBERTA THOMSON	CAN	11:13.94
6	ANDREE DEVINE	USA	11:25.39
7	YOSHIE MITSUI	JPN	11:36.49
8	TRACY FOX	USA	12:14.74
9	JENNIFER GOODER	CAN	12:50.89
10	KAORI IIZUKA	JPN	13:58.62
11	KIMIKO JINNO	JPN	14:33.65
12	THERESE CROLLCK	AUS	14:55.99
13	MIKAKO YAMAMOTO	JPN	15:03.63
14	KAORU MORIGUCHI	JPN	15:52.47

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

1	CHERYL GIBSON	CAN	31.21
2	ALISON NOBLE	CAN	34.00
3	WHITLEY GREENE	USA	36.11
4	JAWICE MILLAR	GBR	37.10
5	TRACY FOX	USA	38.18
6	MARY ONEILL	USA	38.45
7	JENNIFER BIRD	AUS	38.77
8	WINIFRED SHIROMA	USA	39.25
9	JENNIFER GOODER	CAN	40.75
10	L.MCHENDRIE-DECAR	CAN	41.46
11	JANE STEELE	NZL	41.50
12	SHIZUYO YOSHINO	JPN	42.06
13	KAZUE TAKAHASHI	JPN	42.73
14	KIYOKO UENISHI	JPN	47.49
15	SILVIA GIARDA	ITA	49.28
16	TOMOKO ISHIWATARI	JPN	49.99
17	KAZUMI SAITOH	JPN	50.25
18	KYOKO SUGIYAMA	JPN	51.31
19	SEIKO FUJITA	JPN	51.74
20	MIHARU KIMURA	JPN	53.97
21	AKIKO HIROSE	JPN	55.65
22	HARUMI KOYAMA	JPN	56.72
23	YOHKO SHIMIZU	JPN	57.16
24	MICHIYO SHIBAGAKI	JPN	1:03.76
25	FUMIE TASHIRO	JPN	1:04.51

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

1	CHERYL GIBSON	CAN	1:07.78
2	ALISON NOBLE	CAN	1:13.75
3	ANITA KILLMIER	AUS	1:17.35
4	WHITLEY GREENE	USA	1:18.81
5	JAWICE MILLAR	GBR	1:23.65
6	WINIFRED SHIROMA	USA	1:23.90
7	HIROKO KANBE	JPN	1:26.30
8	JENNIFER BIRD	AUS	1:29.06
9	HIDEKO FUKUI	JPN	1:29.60
10	JENNIFER GOODER	CAN	1:30.67
11	KATHRYN KEHOE	USA	1:33.92
12	MIKIKO YONEZAWA	JPN	1:36.44
13	SAKIKO TANAKA	JPN	1:38.91
14	KIYOKO UENISHI	JPN	1:46.37

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

1	CHERYL GIBSON	CAN	2:26.27
2	ALISON NOBLE	CAN	2:39.97
3	WHITLEY GREENE	USA	2:48.42
4	ANITA KILLMIER	AUS	2:51.91
5	WINIFRED SHIROMA	USA	3:01.54
6	KATHRYN KEHOE	USA	3:16.85
7	HIROKO KANBE	JPN	3:17.95
8	YUMIKO ICHIKAWA	JPN	3:18.61
9	KIYOKO UENISHI	JPN	3:54.72

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

1	VERITY DOBBIE	GBR	36.91
2	KAREN MELICK	USA	36.92
3	ANGELA MAESTRINI	BRA	37.15
4	YUHO IKEDA	JPN	37.98
5	LAN LIN SU	TPE	40.05
6	YUUKO SHIMADA	JPN	40.31
7	LORIE RICK	USA	41.01
8	ALISON HAY	GBR	41.06
9	AKEMI NISHIOKA	JPN	41.11
10	TSUKIKO SHIGA	JPN	41.35



I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

11 RIE YAMAMOTO JPN 41.45	11 JANE STEELE NZL 3:26.99	10 HIROKO KANBE JPN 3:15.27
12 ADELE HOUSTOURU GBR 41.54	12 ADELE HOUSTOURU GBR 3:28.81	11 KATHRYN KEHOE USA 3:17.03
13 L.MCHENDRIE-DECAR CAN 41.65	13 KATHRYN KEHOE USA 3:30.76	12 MIKIKO YONEZAWA JPN 3:22.25
14 MARI HIROSE JPN 42.60	14 KAREN POUND AUS 3:40.91	13 KAZUE TAKAHASHI JPN 3:26.78
15 HIROKO HAYASHI JPN 43.85	15 JACQUELINE HEATON AUS 3:46.61	14 THERESE CROLLCK AUS 3:27.27
16 JANE STEELE NZL 44.56	16 HIROKO HAYASHI JPN 3:48.89	15 KAORU MORIGUCHI JPN 4:19.65
17 YUKIKO WASHIMI JPN 44.69	17 THERESE CROLLCK AUS 4:03.47	*****
18 KAREN POUND AUS 45.00	18 CHIYOKO OOKUSA JPN 4:21.86	WOMEN -- 30-34 -- 50 M. FREE
19 JENNIFER BIRD AUS 45.60	*****	*****
20 KAORI IIZUKA JPN 45.85	WOMEN -- 25-29 -- 50 M. FLY	1 JACKI HIRSTY USA 27.45
21 JYUNKO YAMADA JPN 46.00	*****	2 SALLY KARRASCH USA 28.99
22 SHIZUYO MORIGUCHI JPN 46.10	1 WHITLEY GREENE USA 32.22	3 KIMBERLY WORTHEN USA 29.39
23 KEIKO SATOH JPN 47.14	2 KAREN MELICK USA 32.34	4 JENNIFER WOLFF NZL 29.92
24 JACQUELINE HEATON AUS 47.21	3 AKEMI TOSA JPN 32.89	5 LORRAINE KENT NZL 30.61
25 MAMI KITAMURA JPN 47.36	4 S.PLOOS V AMSTEL NED 33.36	6 JENNY CLIFTON AUS 30.63
26 MICHIO YOKOTA JPN 47.54	5 ROBERTA THOMSON CAN 33.71	7 JILL VANDERFLEET USA 30.72
27 YOSHIMI MIYATA JPN 48.19	6 MOTOKO MIURA JPN 33.85	8 GOHSHI EIKO JPN 31.41
28 KAZUE TAKAHASHI JPN 48.74	7 JAWICE MILLAR GBR 34.50	9 KAREN GIBSON AUS 31.47
29 TERUKO KANOU JPN 49.14	8 MARY ONEILL USA 34.63	10 JUDITH MELICK USA 31.64
30 YUMI MATSUMOTO JPN 49.16	9 LORIE RICK USA 34.71	11 SANDRA BAXTER USA 31.81
31 SILVIA GIARDA ITA 49.39	10 L.MCHENDRIE-DECAR CAN 35.75	12 USUI MASAKO JPN 32.16
32 CHIYOKO OOKUSA JPN 50.50	11 YUKIE IKEDA JPN 36.29	13 LUCY LEBEAN USA 32.37
33 AKIKO HOSHINO JPN 50.84	12 CHIZUKO MIYAHARA JPN 36.34	14 VANESSA CHILDS AUS 32.68
34 HIROMI TAKIGAHIRA JPN 52.94	13 WINIFRED SHIROMA USA 36.79	15 DIANE MONTGOMERY USA 33.36
35 AKIKO HIROSE JPN 53.22	14 ALISON HAY GBR 37.20	16 NORMA LABARTHE BRA 33.45
36 YASUKO MIYATA JPN 54.89	15 SUZANNU SARIBAN JPN 37.59	17 H.CHIYUUBACHI JPN 33.78
37 KUMIKO TANAKA JPN 56.27	16 THERESE CROLLCK AUS 38.37	18 KEIKO ABE JPN 33.83
38 MASAKO OOTOMI JPN 56.56	17 TRACY FOX USA 39.13	19 ANNE KRISCHOCK AUS 33.94
39 YUKA SANMARU JPN 59.21	18 ADELE HOUSTOURU GBR 40.03	20 LUCIA WEAVER BRA 34.19
40 KAZUE TAKAHARA JPN 1:03.86	19 CHIEMI USUI JPN 41.35	21 AYAKO MOMOTORI JPN 34.64
*****	20 KATHRYN KEHOE USA 41.38	22 KIN HUI MAN HKG 34.71
WOMEN -- 25-29 -- 100 M. BRST	21 SAKIKO SAKAMAKI JPN 42.16	23 MICHIO SUZUKI JPN 34.78
*****	22 ETSUKO NAKANISHI JPN 44.30	24 YHKO AISO JPN 35.36
1 ANGELA MAESTRINI BRA 1:20.67	23 GAYNOR MACINTYRE AUS 53.42	25 MASAKO TAMAKI JPN 35.53
2 VERITY DOBBIE GBR 1:20.78	*****	26 MACHIKO TANAKA JPN 36.02
3 KAREN MELICK USA 1:23.40	WOMEN -- 25-29 -- 100 M. FLY	27 KUMI TAKAHASHI JPN 36.75
4 LAN LIN SU TPE 1:29.67	*****	28 YISHIKO NANAMURA JPN 37.11
5 AKEMI NISHIOKA JPN 1:30.78	1 CATHY NEVILLE USA 1:09.25	29 CHIYOMI GENBA JPN 37.53
6 LORIE RICK USA 1:31.19	2 KAREN MAIDMENT AUS 1:11.20	30 JENNY IRELAND USA 37.71
7 ADELE HOUSTOURU GBR 1:31.66	3 ANITA KILLMIER AUS 1:14.62	31 SAWAI ATSUKO JPN 37.73
8 ALISON HAY GBR 1:32.74	4 LAURA BAUMHOFER USA 1:15.38	32 KOMIYA EMIKO JPN 37.78
9 RIE YAMAMOTO JPN 1:32.93	5 ROBERTA THOMSON CAN 1:18.10	33 MARY WALLACE NZL 38.02
10 L.MCHENDRIE-DECAR CAN 1:33.51	6 MARY ONEILL USA 1:19.16	34 KITAMURA MICHIO JPN 38.41
11 JANE STEELE NZL 1:33.98	7 LORIE RICK USA 1:21.20	35 OOEKI YOSHIKO JPN 38.44
12 KUMIKO KIMURA JPN 1:34.24	8 YUKIE IKEDA JPN 1:25.94	36 MATSUGI YOKUO JPN 38.76
13 KAREN POUND AUS 1:41.44	9 KAORI IIZUKA JPN 1:47.62	37 SASAKI SACHIKO JPN 39.39
14 JACQUELINE HEATON AUS 1:41.67	*****	38 OKUMURA SUZUYO JPN 39.58
15 JYUNKO YAMADA JPN 1:41.97	WOMEN -- 25-29 -- 200 M. FLY	39 PAMELA HATHAWAY USA 39.67
16 JENNIFER BIRD AUS 1:45.71	*****	40 KIRSCH LEZLI CAN 40.39
17 YUHO OOKI JPN 1:47.91	1 CATHY NEVILLE USA 2:32.07	41 NISHIDA EMIKO JPN 40.41
18 FUMIKO MURAKAMI JPN 1:49.16	2 KAREN MAIDMENT AUS 2:33.21	42 IBUKI AKEMI JPN 41.35
19 YOSHIKO YURI JPN 1:55.12	3 LAURA BAUMHOFER USA 2:44.40	43 BARBARA SMITH AUS 41.36
20 CHIYOKO OOKUSA JPN 1:55.82	4 ANDREE DEVINE USA 2:56.99	44 MATSUMOTO CHIEKO JPN 41.39
21 KAORU MORIGUCHI JPN 1:56.23	5 YUKIE IKEDA JPN 3:37.74	45 IIDA MICHIO JPN 42.34
*****	6 CHIEKO KOBAYASHI JPN 3:50.57	46 LYWWE BARNES AUS 42.45
WOMEN -- 25-29 -- 200 M. BRST	*****	47 AIKOSHI KAHOMI JPN 43.15
*****	WOMEN -- 25-29 -- 200 M. I.M.	48 LISA WILLIAMS USA 43.41
1 VERITY DOBBIE GBR 2:55.91	*****	49 ROSEANNA ALLEN USA 44.98
2 KAREN MELICK USA 2:56.29	1 CHERYL GIBSON CAN 2:30.57	50 KOBAYASHI HITOMI JPN 45.74
3 ANGELA MAESTRINI BRA 2:59.57	2 KAREN MAIDMENT AUS 2:43.90	51 SANADA EMIKO JPN 47.40
4 ROBERTA THOMSON CAN 3:09.52	3 ROBERTA THOMSON CAN 2:48.64	52 WARAGAI KEIKO JPN 47.63
5 YUUKO SHIMADA JPN 3:13.27	4 CLAIRE FERGUSON AUS 2:51.89	53 KAWASAKI YOSHIKO JPN 52.29
6 LAN LIN SU TPE 3:15.45	5 ANDREE DEVINE USA 2:52.66	54 MUTOH MIEKO JPN 53.12
7 LORIE RICK USA 3:19.03	6 S.PLOOS V AMSTEL NED 2:53.58	55 TAKEDA YOHKO JPN 55.76
8 CLAIRE FERGUSON AUS 3:22.73	7 LAURA BAUMHOFER USA 2:54.40	56 YANO KEIKO JPN 1:02.62
9 SUSAN LIPSEY USA 3:23.93	8 TRACY FOX USA 3:11.55	*****
10 L.MCHENDRIE-DECAR CAN 3:25.52	9 JANE STEELE NZL 3:12.34	WOMEN -- 30-34 -- 100 M. FREE



I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

*****				26	ATSUKO OKUMURA	JPN	3:24.96	16	YASUKO TAMURA	JPN	41.87
1	JACKI HIRSTY	USA	1:00.47	27	MICHIKO KATOH	JPN	3:34.08	17	KEIKO OKADA	JPN	42.15
2	SALLY KARRASCH	USA	1:04.00	28	KEIKO MIYAZAKI	JPN	3:37.30	18	YASUKO HASE	JPN	42.31
3	KIMBERLY WORTHEN	USA	1:04.12	29	YACHIYO TAJIRI	JPN	3:45.98	19	CONNIE BROWN	USA	42.79
4	VERONICA STROUP	USA	1:06.00	30	MAYUMI SHINDOH	JPN	3:48.40	20	YOSHIMI EGUCHI	JPN	43.40
5	LORRAINE KENT	NZL	1:07.78	31	NAOMI TANUMA	JPN	3:53.96	21	MARNEY JAMES	CAN	43.57
6	DIANE RENNIE	AUS	1:07.81	32	KUMIE OOTOMO	JPN	4:05.46	22	RYUKO TAKENAKA	JPN	43.81
7	YOSHIMI MURAYAMA	JPN	1:08.22	33	YOHKO ITOH	JPN	4:10.32	23	ATSUKO OKUMURA	JPN	44.04
8	ELIZABETH HOLMES	GBR	1:08.49	*****				24	NOELENE WALLACE	NZL	44.16
9	JILL VANDERFLEET	USA	1:09.21	WOMEN -- 30-34 -- 400 M. FREE				25	HELEN MOORS	NZL	44.38
10	JUDITH MELICK	USA	1:10.13	*****				26	NANCY SANDOY	NZL	44.60
11	SANDRA BAXTER	USA	1:11.75	1	JACKI HIRSTY	USA	4:50.01	27	YOHKO SUZUKI	JPN	44.61
12	LUCY LEBEAN	USA	1:12.45	2	KIMBERLY WORTHEN	USA	4:55.78	28	MAKIKO KIYA	JPN	45.15
13	H.CHIYUUBACHI	JPN	1:14.13	3	SHARON BERG	USA	4:57.95	29	HIROKO KAWAI	JPN	45.54
14	DIANE MONTGOMERY	USA	1:15.21	4	DIANE RENNIE	AUS	5:15.99	30	JENNY IRELAND	USA	46.09
15	VANESSA CHILDS	AUS	1:15.37	5	SUE ANDREW	AUS	5:21.35	31	ATSUKO SAWAI	JPN	46.11
16	MASAKO USUI	JPN	1:16.43	6	MERRY FINCH	USA	5:39.75	32	KYOKO TAMURA	JPN	46.76
17	KEIKO ABE	JPN	1:16.84	7	KAREN WAITE	NZL	6:02.55	33	HIDEKO KAMATA	JPN	48.61
18	KAREN WAITE	NZL	1:17.25	8	H.CHIYUUBACHI	JPN	6:05.99	34	JYUNKO KOHNO	JPN	48.81
19	CHERIE HOGAN	NZL	1:18.84	9	ANNE KRISCHOCK	AUS	6:16.86	35	GILLIAR MEIKL	NZL	49.00
20	HIROKO KAWAI	JPN	1:19.72	10	CHERIE HOGAN	NZL	6:21.42	36	BARBARA SMITH	AUS	49.41
21	MICHIKO SUZUKI	JPN	1:20.43	11	KAREN CHING	USA	6:27.21	37	KAORU NAGAE	JPN	50.23
22	DEBORAH ATTRILL	NZL	1:21.86	12	JULLIAN STAPLEDON	AUS	6:28.87	38	LISA WILLIAMS	USA	50.55
23	KAREN CHING	USA	1:23.53	13	ANN RYAN	USA	6:31.38	39	HIROKO KATANO	JPN	50.93
24	ANN RYAN	USA	1:23.68	14	PATRICIA BAYERS	USA	6:33.66	40	YOUKO MATSUGI	JPN	51.62
25	MASAKO TAMAKI	JPN	1:24.56	15	YOSHIO OZEKI	JPN	6:46.67	41	KAZUKO WATANABE	JPN	51.86
26	MAYUMI ZUSHI	JPN	1:25.46	16	NORIKO ENDOH	JPN	7:08.95	42	MIHO WADA	JPN	52.15
27	YOHKO SUZUKI	JPN	1:27.52	17	MAYUMI ZUSHI	JPN	7:17.47	43	NAOMI TANUMA	JPN	52.45
28	PAMELA HATHAWAY	USA	1:27.80	18	HELEN MOORS	NZL	7:26.58	44	HIROKO IWANO	JPN	52.46
29	CHIYOMI GENBA	JPN	1:28.12	19	KAORU OGAWA	JPN	7:33.60	45	KAZUYO HOSOI	JPN	52.67
30	YOUKO MATSUGI	JPN	1:29.69	20	KEIKO MIYAZAKI	JPN	7:38.07	46	MIWAKO TAKAGI	JPN	52.89
31	MIEKO KITANI	JPN	1:33.20	21	KAZUMI NAKAJIMA	JPN	7:48.31	47	JYUNKO FUKUYAMA	JPN	54.75
32	TSUYAKO KOJIMA	JPN	1:34.26	22	YUKAKO SEKO	JPN	8:18.13	48	EMIKO SANADA	JPN	54.90
33	KAZUE TERAMURA	JPN	1:36.29	*****				49	ROSEANNA ALLEN	USA	55.00
34	KEIKO MIYAZAKI	JPN	1:37.63	WOMEN -- 30-34 -- 800 M. FREE				50	LEZLI KIRSCH	CAN	55.27
35	GILLIAR MEIKL	NZL	1:38.83	*****				51	YUKAKO SEKO	JPN	55.77
36	JYUNKO FUKUYAMA	JPN	1:39.40	1	DIANE RENNIE	AUS	10:54.06	52	LYWWE BARNES	AUS	58.30
37	ROSEANNA ALLEN	USA	1:44.92	2	SUE ANDREW	AUS	10:58.21	53	KEIKO NAKATA	JPN	58.62
38	LYWWE BARNES	AUS	1:49.81	3	MARIA CASTRO	BRA	11:17.53	54	YOHKO ITOH	JPN	1:01.11
*****				4	MERRY FINCH	USA	11:36.20	55	SAYURI NAKAYASU	JPN	1:01.83
WOMEN -- 30-34 -- 200 M. FREE				5	KAREN WAITE	NZL	12:22.00	56	KYOUKO ARATA	JPN	1:03.44
*****				6	PATRICIA BAYERS	USA	13:16.98	*****			
1	JACKI HIRSTY	USA	2:13.47	7	PAMELA HATHAWAY	USA	13:21.38	WOMEN -- 30-34 -- 100 M. BACK			
2	SHARON BERG	USA	2:19.97	8	ANN RYAN	USA	13:24.97	*****			
3	KIMBERLY WORTHEN	USA	2:20.17	9	NORIKO ENDOH	JPN	14:35.74	1	YOSHIMI MURAYAMA	JPN	1:14.28
4	LORRAINE KENT	NZL	2:26.61	10	KEIKO MIYAZAKI	JPN	15:51.26	2	SALLY KARRASCH	USA	1:15.97
5	VERONICA STROUP	USA	2:31.54	11	KEIKO MUKOUGUCHI	JPN	15:59.66	3	SUE ANDREW	AUS	1:18.02
6	SUE ANDREW	AUS	2:32.04	12	MICHIKO KATOH	JPN	16:56.26	4	JILL VANDERFLEET	USA	1:18.41
7	LUCY LEBEAN	USA	2:35.36	13	KEIKO TANAKA	JPN	18:35.71	5	SHARON BERG	USA	1:18.47
8	ELIZABETH HOLMES	GBR	2:35.36	*****				6	LEE HUFFMAN	NZL	1:18.78
9	H.CHIYUUBACHI	JPN	2:47.61	WOMEN -- 30-34 -- 50 M. BACK				7	JENNIFER WOLFF	NZL	1:19.73
10	ANNE KRISCHOCK	AUS	2:51.57	*****				8	JENNY CLIFTON	AUS	1:19.93
11	MARNEY JAMES	CAN	2:56.54	1	YOSHIMI MURAYAMA	JPN	33.64	9	LUCY LEBEAN	USA	1:27.50
12	KAREN WAITE	NZL	2:56.62	2	SALLY KARRASCH	USA	34.42	10	KEIKO OKADA	JPN	1:33.17
13	CHERIE HOGAN	NZL	2:59.97	3	JENNY CLIFTON	AUS	35.54	11	MARNEY JAMES	CAN	1:33.86
14	PATRICIA BAYERS	USA	3:02.57	4	MARIA GUERRA	BRA	35.67	12	H.CHIYUUBACHI	JPN	1:34.43
15	KAREN CHING	USA	3:03.61	5	MARIA CASTRO	BRA	35.74	13	CONNIE BROWN	USA	1:35.49
16	ANN RYAN	USA	3:04.68	6	JENNIFER WOLFF	AUS	36.27	14	YOHKO SUZUKI	JPN	1:38.16
17	DEBORAH ATTRILL	NZL	3:06.22	7	JILL VANDERFLEET	USA	36.49	15	YUHO OOTSUKA	JPN	1:42.41
18	MASAKO USUI	JPN	3:06.91	8	DENISE PRADO	BRA	36.67	16	MAKIKO KIYA	JPN	1:44.91
19	PAMELA HATHAWAY	USA	3:08.27	9	TAECO ITOH	JPN	36.70	17	SUZUYO OKUMURA	JPN	1:49.40
20	YOSHIKO OZEKI	JPN	3:08.67	10	MACHIKO WATANABE	JPN	38.75	18	MAMIE NAGAYO	JPN	1:49.69
21	YOSHIMI EGUCHI	JPN	3:14.80	11	JUDY WESTON	NZL	39.27	19	TAMIKO SATOH	JPN	2:05.13
22	HELEN MOORS	NZL	3:16.13	12	LUCY LEBEAN	USA	39.90	*****			
23	HIDEKO KAMATA	JPN	3:19.71	13	JULIE KEAST	AUS	39.91	WOMEN -- 30-34 -- 200 M. BACK			
24	MAYUMI ZUSHI	JPN	3:20.84	14	DONNA CAMPBELL	NZL	40.00	*****			
25	KAORU OGAWA	JPN	3:24.79	15	SANDRA BAXTER	USA	41.11	1	SUE ANDREW	AUS	2:42.89



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SWIMMING RESULTS - WOMEN

2 JILL VANDERFLEET USA 2:49.99
3 JENNIFER WOLFF NZL 2:54.07
4 LEE HUFFMAN NZL 2:55.17
5 MARNEY JAMES CAN 3:16.64
6 DONNA CAMPBELL NZL 3:18.07
7 CHERIE HOGAN NZL 3:25.11
8 MARIA BISONI BRA 3:27.88
9 ETSUKO TSURUHASHI JPN 3:28.31
10 CONNIE BROWN USA 3:28.82
11 PATRICIA BAYERS USA 3:37.38
12 CHIZUKO UMINO JPN 3:42.01
13 YOUKO MATSUGI JPN 4:14.65
14 KEIKO NAKATA JPN 4:52.02

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

1 KAREN GIBSON AUS 35.37
2 JUDITH MELICK USA 37.74
3 MARGARET ANDREWS NZL 38.56
4 KAZUMI KUNIMATSU JPN 39.79
5 MERRY FINCH USA 40.43
6 JUDY WESTON NZL 40.47
7 ELIZABETH HOLMES GBR 40.95
8 YOSHIKO SATOU JPN 41.47
9 JENNY CLIFTON AUS 41.67
10 JULLIAN STAPLEDON AUS 43.15
11 LUCIA WEAVER BRA 43.34
12 SANDRA BAXTER USA 43.85
13 YACHIYO IWASHITA JPN 43.97
14 YOHKO ARIMATSU JPN 44.49
15 NANCY SANDOY NZL 45.36
16 KIMIKO TASHIRO JPN 45.37
16 MARTHA P DA SILVA BRA 45.37
18 ATSUKO OKUMURA JPN 45.43
19 KIMIE OKADO JPN 45.69
20 KATHLEEN CRAYFORD NZL 45.91
21 HITOMI NONOMURA JPN 46.10
22 NOELENE WALLACE NZL 46.52
23 BARBARA SMITH CAN 47.39
24 LEZLI KIRSCH CAN 48.53
25 CHIEKO MATSUMORI JPN 49.74
26 DIANE MONTGOMERY USA 49.86
27 CHIYOMI GENBA JPN 50.30
28 JENNY IRELAND USA 50.40
29 MIYUKI UDOH JPN 50.73
30 KEIKO SASAKI JPN 51.17
31 SAYOKO MATSUO JPN 51.19
32 JYUNKO FUKUYAMA JPN 51.87
33 CHIZUKO UMINO JPN 53.07
34 KUMI SAKAKIBARA JPN 54.66
35 HIROKO KATANO JPN 57.48
36 ROSEANNA ALLEN USA 57.86
37 YOSHIKO KAWASAKI JPN 58.71
38 MICHIKO TSUTSUMI JPN 1:00.38
39 KYOUKO ARATA JPN 1:04.46
40 LORNA MULLIKEN USA 1:06.96

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

1 KAREN GIBSON AUS 1:18.88
2 VERONICA STROUP USA 1:24.58
3 JUDITH MELICK USA 1:25.08
4 MARGARET ANDREWS NZL 1:28.29
5 JUDY WESTON NZL 1:29.10
6 MERRY FINCH USA 1:31.19
7 ELIZABETH HOLMES GBR 1:32.01
8 JULLIAN STAPLEDON AUS 1:32.97

9 YACHIYO IWASHITA JPN 1:35.12
10 MARTHA P DA SILVA BRA 1:36.63
11 YOHKO ARIMATSU JPN 1:38.15
12 KATHLEEN CRAYFORD NZL 1:40.16
13 NANCY SANDOY NZL 1:40.40
14 HITOMI NONOMURA JPN 1:42.23
15 DEBORAH ATTRILL NZL 1:43.14
16 YUHKO AISO JPN 1:43.49
17 BARBARA SMITH AUS 1:45.04
18 MIDORI ISHIDOH JPN 1:48.34
19 PAMELA HATHAWAY USA 1:49.03
20 LEZLI KIRSCH CAN 1:49.22
21 KEIKO OGAWA JPN 1:56.68
22 CHIEKO MATSUMOTO JPN 1:57.01
23 KEIKO MIYAZAKI JPN 1:58.72
24 MAYUMI SHINDOH JPN 2:01.60
25 SUMIE TAKAHASHI JPN 2:21.94

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

1 KAREN GIBSON AUS 2:56.43
2 VERONICA STROUP USA 3:04.35
3 JUDITH MELICK USA 3:06.51
4 JUDY WESTON NZL 3:15.70
5 MERRY FINCH USA 3:18.65
6 JULLIAN STAPLEDON AUS 3:20.73
7 YOSHIKO SATOU JPN 3:26.41
8 KATHLEEN CRAYFORD NZL 3:33.43
9 YOHKO ARIMATSU JPN 3:35.70
10 MARTHA P DA SILVA BRA 3:35.83
11 HITOMI NONOMURA JPN 3:39.46
12 JYUNKO YOSHIWARA JPN 3:43.75
13 DONNA CAMPBELL NZL 3:48.27
14 MIDORI ISHIDOH JPN 3:49.01
15 FENG LEE HUI TPE 3:51.22
16 MAMIE NAGAYO JPN 3:53.27
17 BARBARA SMITH AUS 3:53.94
18 FUMIKO OOKOUCHI JPN 3:58.57
19 KEIKO MUKOUGUCHI JPN 4:12.57
20 MASAKO KITAMURA JPN 4:52.76

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

1 SALLY KARRASCH USA 32.59
2 DIANE RENNIE AUS 32.78
3 LEE HUFFMAN NZL 33.17
4 MARIA GUERRA BRA 33.23
5 JENNY CLIFTON AUS 34.01
6 KAREN GIBSON AUS 34.02
7 MARIA CASTRO BRA 34.19
8 DENISE PRADO BRA 34.71
9 SANDRA BAXTER USA 35.25
10 LORRAINE KENT NZL 35.60
11 YOHKO ARIMATSU JPN 36.94
12 JULIE KEAST AUS 37.13
13 ANNE KRISCHOCK AUS 37.56
14 MACHIKO WATANABE JPN 38.15
15 MASAKO USUI JPN 38.69
16 YUHKO ABE JPN 38.97
17 DIANE MONTGOMERY USA 39.76
18 MICHIKO SUZUKI JPN 39.81
19 RYUKO TAKENAKA JPN 40.21
20 OLIVEIRA GROBA BRA 40.27
21 VANESSA CHILDS AUS 41.13
22 SANAE ITOH JPN 41.15
23 YOSHIKO IWASAKI JPN 41.65
24 KAORU OGAWA JPN 42.86

25 ATSUKO OKUMURA JPN 43.24
26 DEBORAH ATTRILL NZL 43.28
27 MASAKO TAMAKI JPN 43.93
28 EMIKO KOMIYA JPN 45.02
29 SIRPA KOBAYASHI JPN 45.04
30 MAYUMI ZUSHI JPN 45.83
31 NORIKO ENDOH JPN 47.26
32 YISHIKO NANAMURA JPN 48.09
33 JYUNKO KOHNO JPN 49.89
34 KIYOKO IKEDA JPN 49.93
35 TAMIKO SATOH JPN 52.52
36 MIEKO KITANI JPN 53.37
37 YUKAKO SEKO JPN 56.41
38 MAYUMI SHINDOH JPN 58.09

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

1 SHARON BERG USA 1:11.34
2 DIANE RENNIE AUS 1:12.87
3 LEE HUFFMAN NZL 1:14.97
4 LORRAINE KENT NZL 1:19.31
5 JULIE KEAST AUS 1:26.02
6 KAREN CHING USA 1:36.28
7 DONNA CAMPBELL NZL 1:39.39
8 ANN RYAN USA 1:47.84
9 KAORU OGAWA JPN 1:50.29
10 SIRPA KOBAYASHI JPN 1:51.04
11 NORIKO ENDOH JPN 1:57.11
12 LESLEY KELLY AUS 2:01.69

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

1 SHARON BERG USA 2:35.12
2 LEE HUFFMAN NZL 3:00.96
3 JULIE KEAST AUS 3:15.08
4 PATRICIA BAYERS USA 3:43.28
5 HITOMI NONOMURA JPN 3:46.95
6 LEBEIS FERREIRA BRA 4:01.98
7 LESLEY KELLY AUS 4:19.45
8 CONNIE BROWN USA 4:26.66
9 SIRPA KOBAYASHI JPN 4:30.77

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

1 JACKI HIRSTY USA 2:39.89
2 VERONICA STROUP USA 2:41.92
3 KIMBERLY WORTHEN USA 2:43.94
4 YOSHIMI MURAYAMA JPN 2:48.85
5 MARIA GUERRA BRA 2:54.38
6 JULIE KEAST AUS 3:00.24
7 DENISE PRADO BRA 3:01.07
8 ELIZABETH HOLMES GBR 3:06.62
9 ANNE KRISCHOCK AUS 3:12.43
10 MARNEY JAMES CAN 3:13.37
11 DONNA CAMPBELL NZL 3:19.65
12 KAREN CHING USA 3:21.95
13 DEBORAH ATTRILL NZL 3:32.81
14 RYUKO TAKENAKA JPN 3:34.98
15 NANCY SANDOY NZL 3:36.26
16 OLIVEIRA GROBA BRA 3:37.10
17 HITOMI NONOMURA JPN 3:39.63
18 SANAE ITOH JPN 3:57.83
19 NORIKO ENDOH JPN 3:58.39
20 YOUKO MATSUGI JPN 3:59.47
21 LESLEY KELLY AUS 4:02.56

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



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SWIMMING RESULTS - WOMEN

*****				67 HELEN RAYNER	NZL	47.51	49 SUZETTE BECHARD	CAN	1:43.03		
1	MICHIKO KIHARA	JPN	30.42	68 SAKURAKO EIDA	JPN	47.70	50 HELEN RAYNER	NZL	1:44.45		
2	JACQUE MARRIOTT	NZL	30.63	69 NOBUE HAYAKAWA	JPN	48.61	51 S.THORSTEINSON	CAN	1:46.33		
3	PAULA MARTIN	USA	30.82	70 MIEKO NISHIDE	JPN	48.91	52 MASAKO SAITOH	JPN	1:47.77		
4	ROBIN RUSSELL	CAN	30.85	71 ESTRELLA MAUPAY	CAN	49.10	53 AKIYO YOSHIDA	JPN	1:47.96		
5	COLLEEN DAVEY	AUS	31.60	72 EMIKO SHIMAZU	JPN	50.03	54 MISAOKO SHIMIZU	JPN	1:49.12		
6	SANDRA BRAY	NZL	31.80	73 YOSHIKO KATOH	JPN	50.46	55 MIKIKO OKAMOTO	JPN	1:49.96		
7	JOAN MAGAT	USA	32.08	74 CHIZUKO HIBINO	JPN	50.71	56 TAEKO TAKEUCHI	JPN	1:50.00		
8	KATE FARRAR	USA	32.28	75 MIHOKO HASHIMOTO	JPN	51.00	57 ITSUKO MATSUDA	JPN	1:50.39		
8	MARGARET CONNERRY	GBR	32.28	76 ETSUKO MATSUYAMA	JPN	52.13	58 GAIL HOLDSWORTH	AUS	1:51.47		
10	YUMI KOYAMA	JPN	32.63	77 ETSUKO TAMURA	JPN	52.28	59 MACHIKO TAMURA	JPN	1:59.63		
11	LEONOR OLIVEIRA	BRA	32.78	78 MASAE INAGAKI	JPN	52.95	*****				
12	MARGARET ASKEW	AUS	34.61	79 ATSUMI KUSAKA	JPN	55.46	WOMEN -- 35-39 -- 200 M. FREE				
13	KIYOMI INOUE	JPN	34.63	80 KAZUKO SEINO	JPN	56.27	*****				
14	SACHIKO KIMURA	JPN	34.79	81 SHIGEYO NOHARA	JPN	57.74	1	LUCY JOHNSON	USA	2:29.20	
15	LIZ CALVERT	NZL	36.01	82 TAKAKO ITOH	JPN	1:09.12	2	PAULA MARTIN	USA	2:29.83	
16	JEANNE RAPER	AUS	36.35	*****				3	BRENDA GRIFFITH	NZL	2:32.16
17	SETSUOKO YOSHIDA	JPN	36.84	WOMEN -- 35-39 -- 100 M. FREE				4	JACQUE MARRIOTT	NZL	2:41.23
18	BARBARA WINES	CAN	36.92	*****				5	MIREILLE RICHTER	SUI	2:41.73
19	FUNIKO ENDOH	JPN	37.15	1	MICHIKO KIHARA	JPN	1:07.19	6	MARGARET WILBY	AUS	2:43.84
20	KYOKO OHMA	JPN	37.38	2	LUCY JOHNSON	USA	1:07.39	7	KATE FARRAR	USA	2:43.94
21	NAOMI YUNOKI	JPN	37.46	3	PAULA MARTIN	USA	1:09.21	8	LIZ MITCHELL	AUS	2:46.82
22	REIKO SUKEGAWA	JPN	37.71	4	JACQUE MARRIOTT	NZL	1:09.77	9	CULLEN REYNOLDS	CAN	2:47.36
23	SATOE MATSUOKA	JPN	37.87	5	ROBIN RUSSELL	CAN	1:10.45	10	JOAN MAGAT	USA	2:49.27
24	HIROKO SAWADA	JPN	38.14	6	SANDRA BRAY	NZL	1:10.90	11	KUNIYO SUENAGA	JPN	2:52.23
25	KIYOKO NINOMIYA	JPN	38.46	7	KATE FARRAR	USA	1:11.14	12	TOSHIKO MORI	JPN	2:55.58
26	KIMIKO YAMADA	JPN	38.81	8	JOAN MAGAT	USA	1:13.50	13	GLENNIS BRUHN	NZL	2:57.98
27	IKUKO SAGESHIMA	JPN	38.90	9	COLLEEN DAVEY	AUS	1:13.54	14	LIZ CALVERT	NZL	3:01.05
28	HARUMI ISHIKAWA	JPN	38.96	10	MARGARET CONNERRY	GBR	1:13.61	15	JYUNOKO NISHIMURA	JPN	3:05.22
29	KAZUE TAKAI	JPN	39.00	11	KUNIYO SUENAGA	JPN	1:14.62	16	AKIKO MIZUTANI	JPN	3:05.47
30	CYNTHIA BUTLER	NZL	39.12	12	LIZ MITCHELL	AUS	1:15.31	17	SETSUOKO YOSHIDA	JPN	3:07.05
31	SACHIKO AOKI	JPN	39.20	13	MARGARET WILBY	AUS	1:16.20	18	JUNE KUHN	AUS	3:08.82
32	KYOKO TAKAMINE	JPN	39.23	14	LEONOR OLIVEIRA	BRA	1:17.95	19	MARSHA HEINIG	USA	3:10.59
33	NORIKO WATANABE	JPN	39.24	15	MARGARET ASKEW	AUS	1:18.17	20	MARIKO OKAMURA	JPN	3:13.11
34	MASAKO EZAKI	JPN	39.39	16	LIZ CALVERT	NZL	1:19.89	21	KAZUKO MITSUTAKE	JPN	3:14.75
35	TOMOKO WATANABE	JPN	39.48	17	GLENNIS BRUHN	NZL	1:20.27	22	BARBARA WINES	CAN	3:16.72
36	MIWAKO KANNO	JPN	40.05	18	SETSUOKO YOSHIDA	JPN	1:22.23	23	MASAKO EZAKI	JPN	3:17.16
37	T.HIGASHIMOTO	JPN	40.08	19	MIE OONO	JPN	1:22.27	24	SUMIE ONODA	JPN	3:17.50
38	MISAOKO SHIMIZU	JPN	40.20	20	JYUNOKO NISHIMURA	JPN	1:22.58	25	NONIE HODGSON	AUS	3:23.10
39	YUKIKO FUKUI	JPN	40.27	21	JEANNE RAPER	AUS	1:23.00	26	MIE OONO	JPN	3:24.22
40	REIKO OSADA	JPN	40.69	22	KYO YAMAZAKI	JPN	1:23.82	27	MASAKO ETOH	JPN	3:25.43
41	TOMOKO TAKAHASHI	JPN	40.85	23	BARBARA WINES	CAN	1:24.76	28	FUKIKO FUKUZAKI	JPN	3:29.50
42	MISAO TAKEMURA	JPN	40.86	24	REIKO SUKEGAWA	JPN	1:24.86	29	RIE TERAMURA	JPN	3:29.65
43	LESLEY MUROOCH	AUS	40.90	25	MARIKO OKAMURA	JPN	1:26.05	30	YOHKO ISOBE	JPN	3:31.16
44	KIYOKO OOTA	JPN	41.31	26	KYOKO NAKAJYO	JPN	1:29.22	31	LESLEY MUROOCH	AUS	3:31.31
45	KYOKO IKEMATSU	JPN	41.38	27	MASAKO EZAKI	JPN	1:29.28	32	TOMOKO HASEBE	JPN	3:32.98
46	S.THORSTEINSON	CAN	41.69	28	KIYOE FUKUSHIMA	JPN	1:29.86	33	KIMIKO OHTA	JPN	3:33.42
47	YAEKO OONUKI	JPN	41.72	29	SHIGEMI YODA	JPN	1:30.04	34	SHURAN NAGAOKA	JPN	3:35.91
48	MIYOKO KATOH	JPN	42.14	30	YASUKO TSUTADA	JPN	1:31.31	35	AKIKO NISHIKAWA	JPN	3:36.31
49	AKIKO TOKURA	JPN	42.60	31	LESLEY MUROOCH	AUS	1:31.65	36	HIROKO SHIZU	JPN	3:36.62
50	YOUKO GOTOH	JPN	42.85	32	KUMIKO KOBAYASHI	JPN	1:31.70	37	SALLY FERGUS	NZL	3:38.60
51	AKIKO NISHIKAWA	JPN	42.87	33	KIMIJO OOTA	JPN	1:33.12	38	MIWAKO KANNO	JPN	3:40.62
52	KAZUKO NASHIRO	JPN	42.95	34	MASAKO ETOH	JPN	1:33.20	39	HELEN RAYNER	NZL	3:42.95
53	SUZETTE BECHARD	CAN	43.67	35	MIWAKO KANNO	JPN	1:34.61	40	J.COVADEVICH	AUS	3:47.00
54	M.WAKABAYASHI	JPN	43.82	36	TOSHIE FUJIMURA	JPN	1:35.58	41	SUSAN GIRARD	USA	3:47.27
55	J.COVADEVICH	AUS	43.87	37	KIYOKO OOTA	JPN	1:36.10	42	YOSHIE WADA	JPN	3:47.57
56	SACHIKO SUMIYA	JPN	44.82	38	KAZUYO MUROOKA	JPN	1:36.75	43	STELLA RILEY	AUS	3:51.10
57	YUKIE TANAKA	JPN	44.91	39	TOSHIO ABE	JPN	1:36.76	44	TOYOKO MURAMATSU	JPN	3:54.09
58	KEIKO NAKAMURA	JPN	45.07	40	KAZUKO HISTAKE	JPN	1:38.58	45	NORIKO YAMAGUCHI	JPN	3:55.38
59	EMIKO FUKASE	JPN	45.23	41	STELLA RILEY	AUS	1:40.54	46	CHIEKO SATOH	JPN	4:00.80
60	YUMI TAMAMUSHI	JPN	45.42	42	MIYOKO KATOH	JPN	1:40.59	47	KEIKO NAKAMURA	JPN	4:01.08
61	SUSAN GIRARD	USA	45.57	43	YOUKO GOTOH	JPN	1:40.68	48	HIROKO NANBA	JPN	4:08.75
62	SADAE YONEDA	JPN	45.90	44	REIKO KUME	JPN	1:41.30	49	GAIL HOLDSWORTH	AUS	4:30.31
63	AKIKO SUDOH	JPN	46.39	45	JYUNOKO TAKEUCHI	JPN	1:41.54	50	KAZUKO SHIOKAWA	JPN	4:30.33
64	TOSHIKO GOUNOMAKU	JPN	46.53	46	EIKO MAEHARA	JPN	1:41.71	51	ATSUKO MURATA	JPN	4:44.76
65	KAZUKO HATACHI	JPN	47.13	47	SUSAN GIRARD	USA	1:42.70	*****			
66	CHIKAKO YAMAMURA	JPN	47.16	48	TAKAKO NEGISHI	JPN	1:42.79	WOMEN -- 35-39 -- 400 M. FREE			



I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

*****				25	KIYOE FUKUSHIMA	JPN	15:13.24	51	CHIEKO KAMIMORI	JPN	54.47
1	BRENDA GRIFFITH	NZL	5:21.52	26	REIKO WATABIKI	JPN	15:17.77	52	MITSUME INAGAKI	JPN	55.09
2	LUCY JOHNSON	USA	5:24.60	27	SUMIE ONODA	JPN	15:17.85	53	REIKO KUME	JPN	55.47
3	SHIRLEY SCHMIDT	CAN	5:29.75	28	SALLY FERGUS	NZL	15:28.35	54	KINUE MAEKAWA	JPN	56.42
4	MIREILLE RICHTER	SUI	5:40.28	29	FUKIKO FUKUZAKI	JPN	15:29.98	55	MIEKO OKUI	JPN	57.90
5	KATE FARRAR	USA	5:42.29	30	TAMAKA KIKUHARA	JPN	16:01.51	56	KAZUYO MUROOKA	JPN	58.77
6	CHRISTIE SLIMAK	USA	5:47.99	31	CHIEKO SHIMAZAKI	JPN	16:04.25	57	YOHKO ABE	JPN	59.36
7	MARGARET WILBY	AUS	5:50.93	32	SUSAN GIRARD	USA	16:31.99	58	TOSHIKO SUNAGAWA	JPN	59.63
8	SACHIE WAKATSUKI	JPN	5:54.77	33	KIYOKO OOTA	JPN	16:45.55	59	YUKIE SANUKI	JPN	59.66
9	CULLEN REYNOLDS	CAN	5:57.77	34	J.COVICEVICH	AUS	16:56.50	60	CHIKAKO YAMAMURA	JPN	1:00.22
10	LIZ MITCHELL	AUS	5:59.26	35	REIKO SUMIGAWA	JPN	17:23.54	61	TAEKO TAKEUCHI	JPN	1:00.33
11	ELEANOR PINFOLD	CAN	6:00.05	36	SHARON FEREN	CAN	17:26.35	62	YOSHIE WADA	JPN	1:00.86
12	JOAN MAGAT	USA	6:00.39	37	HIROKO NAKATA	JPN	17:50.76	63	KYOKO OOTSUKA	JPN	1:01.20
13	LIZ CALVERT	NZL	6:14.35	38	CHIZUKO SHIMABARA	JPN	18:17.14	64	KAZUYO MARUO	JPN	1:02.70
14	GLENNIS BRUHN	NZL	6:15.64	*****				65	KAZUKO AMANO	JPN	1:04.09
15	CONDIT LOTZ	USA	6:22.05	WOMEN -- 35-39 -- 50 M. BACK				66	ESTRELLA MAUPAY	CAN	1:12.67
16	AKIKO MIZUTANI	JPN	6:37.69	*****				*****			
17	LEONOR OLIVEIRA	BRA	6:39.51	1	MICHIKO KIHARA	JPN	34.58	WOMEN -- 35-39 -- 100 M. BACK			
18	SETSUKE YOSHIDA	JPN	6:53.73	2	YUKIKO GOUSHI	JPN	35.97	*****			
19	KAZUKO MITSUTAKE	JPN	6:56.52	3	TAKAKO NAKAHARA	JPN	36.32	1	BRENDA GRIFFITH	NZL	1:19.93
20	MITSUME KANBARA	JPN	6:58.56	4	YOHKO NAKAMURA	JPN	36.36	2	SHIRLEY SCHMIDT	CAN	1:20.37
21	ANNG STEEK	CAN	7:02.46	5	SHIRLEY SCHMIDT	CAN	37.13	3	ELEANOR PINFOLD	CAN	1:24.30
22	SETSUKE KOMAKI	JPN	7:05.48	6	ELEANOR PINFOLD	CAN	37.61	4	MARGARET CONNERY	GBR	1:27.30
23	MIYOKO NARITA	JPN	7:08.19	7	COLLEEN DAVEY	AUS	38.24	5	ROBYN PAYNE	AUS	1:30.08
24	FUMIKO TANAKA	JPN	7:12.27	8	MARGARET CONNERY	GBR	38.59	6	UTA SCHNEIDER	SUI	1:32.35
25	RIE TERAMURA	JPN	7:14.16	9	JACQUE MARRIOTT	NZL	39.05	7	GLENNIS BRUHN	NZL	1:34.01
26	KEIKO TSUCHIDA	JPN	7:28.44	10	PAULA MARTIN	JPN	39.19	8	MARSHA HEINIG	USA	1:34.17
27	TAMAKA KIKUHARA	JPN	7:40.43	11	ROBYN PAYNE	AUS	40.44	9	CONDIT LOTZ	USA	1:37.03
28	MASAKO SEKIWA	JPN	7:44.57	12	UTA SCHNEIDER	SUI	40.85	10	MARGARET ASKEW	AUS	1:38.05
29	SALLY FERGUS	NZL	7:47.60	13	ODETE TABUSO	BRA	41.69	11	JEANNE RAPER	AUS	1:38.31
30	MASAE ITOH	JPN	7:49.72	14	JEANNE RAPER	AUS	41.70	12	YOHKO KASAHARA	JPN	1:40.62
31	HELEN RAYNER	NZL	7:50.15	15	PAMELA ROCK	AUS	42.14	13	NOBUKO NITTA	JPN	1:40.77
32	KAZUYO MUROOKA	JPN	7:55.04	16	MARSHA HEINIG	USA	42.80	14	KIYOKO KUNIFUSA	JPN	1:40.85
33	KAZUKO SHIMADA	JPN	7:56.01	17	HISAKO ISHIDA	JPN	42.96	15	JUNE KUHN	AUS	1:41.15
34	SUSAN GIRARD	USA	8:00.88	18	KEIKO SAHODA	JPN	43.34	16	DOROTHIANNE HENNE	USA	1:41.42
35	CHIEKO SHIMAZAKI	JPN	8:01.12	19	MARGARET ASKEW	AUS	43.43	17	YUKI SEKIGUCHI	JPN	1:44.29
36	J.COVICEVICH	AUS	8:13.07	20	KIYOKO KOTANI	JPN	43.97	18	TAMAKA KIKUHARA	JPN	1:45.69
37	SHIZUKO FUJII	JPN	8:26.41	21	CONDIT LOTZ	USA	44.48	19	KEIKO YAMAMOTO	JPN	1:46.10
38	CHIZUKO SHIMABARA	JPN	8:35.61	22	YOHKO KAMIMURA	JPN	44.68	20	BARBARA WINES	CAN	1:47.50
39	KAZUKO SHIOKAWA	JPN	9:22.64	23	MIYONOBU BESSHO	JPN	44.90	21	FUMIKO TANAKA	JPN	1:51.07
*****				24	TOSHIE KANEKO	JPN	45.17	22	T.HIGASHIMOTO	JPN	1:52.80
WOMEN -- 35-39 -- 800 M. FREE				25	KIYOKO KUNIFUSA	JPN	45.53	23	SUZETTE BECHARD	CAN	1:52.97
*****				26	MIDORI OZAWA	JPN	45.62	24	YURIKO MAEDA	JPN	1:57.25
1	BRENDA GRIFFITH	NZL	11:03.50	27	NOBUKO NITTA	JPN	45.78	25	TAEKO TAKEUCHI	JPN	2:08.56
2	SHIRLEY SCHMIDT	CAN	11:23.09	28	TAEKO OKAMOTO	JPN	46.20	26	SATOE ISHIDA	JPN	2:11.69
3	MIREILLE RICHTER	SUI	11:24.78	29	CHIZUKO NAGANUMA	JPN	46.26	*****			
4	MARGARET WILBY	AUS	11:58.12	30	DOROTHIANNE HENNE	USA	46.29	WOMEN -- 35-39 -- 200 M. BACK			
5	CULLEN REYNOLDS	CAN	12:04.48	31	CYNTHIA BUTLER	NZL	46.92	*****			
6	SACHIE WAKATSUKI	JPN	12:06.47	32	MITSUMYO KUKI	JPN	46.95	1	BRENDA GRIFFITH	NZL	2:53.35
7	JOAN MAGAT	USA	12:15.90	33	KYOKO SAKAMOTO	JPN	47.00	2	TAKAKO NAKAHARA	JPN	2:55.83
8	LIZ MITCHELL	AUS	12:19.29	34	BARBARA WINES	CAN	47.05	3	SHIRLEY SCHMIDT	CAN	2:55.84
9	TAKAKO NAKAHARA	JPN	12:23.59	35	SUMIE ONODA	JPN	47.36	4	MARGARET WILBY	AUS	3:05.90
10	LIZ CALVERT	NZL	12:37.38	36	YUKI SEKIGUCHI	JPN	47.71	5	ELEANOR PINFOLD	CAN	3:06.29
11	ELEANOR PINFOLD	CAN	12:42.26	37	SHARON FEREN	CAN	47.72	6	ROBYN PAYNE	AUS	3:19.87
12	GLENNIS BRUHN	NZL	12:48.01	38	YOSHIE MAJIMA	JPN	47.73	7	SETSUKE KOMAKI	JPN	3:21.18
13	CONDIT LOTZ	USA	13:14.45	39	CHIKAKO INOUE	JPN	47.87	8	CONDIT LOTZ	USA	3:27.55
14	ROBYN PAYNE	AUS	13:38.25	40	C.MIDORIKAWA	JPN	48.97	9	NOBUKO NITTA	JPN	3:32.97
15	AKIKO MIZUTANI	JPN	13:49.84	41	KAZUMI HANAKI	JPN	49.14	10	JEANNE RAPER	AUS	3:33.91
16	YORIKO ONO	JPN	13:51.88	42	KYOKO NAKAJYO	JPN	49.77	11	NONIE HODGSON	AUS	3:36.11
17	MARSHA HEINIG	USA	14:12.93	43	SUZETTE BECHARD	CAN	49.97	12	JUNE KUHN	AUS	3:40.70
18	KAYOKO KOMIYAMA	JPN	14:23.85	44	HIROKO SHIZU	JPN	50.65	13	MARIKO OKAMURA	JPN	3:43.98
19	ANNG STEEK	CAN	14:25.13	45	YOSHIE NISHIKAWA	JPN	51.72	14	KIYOE FUKUSHIMA	JPN	3:44.44
20	FUMIKO TANAKA	JPN	14:40.34	46	STELLA RILEY	AUS	51.89	15	MIYOKO HARI	JPN	3:46.53
21	MARIKO OKAMURA	JPN	14:43.64	47	ITSUKO MATSUDA	JPN	52.99	16	MIYONOBU BESSHO	JPN	3:46.74
22	MIYOKO NARITA	JPN	14:53.82	48	MASAKO SAITHO	JPN	53.34	17	MITSUMYO KUKI	JPN	3:52.84
23	RIE TERAMURA	JPN	15:00.87	49	AKIKO TOKURA	JPN	53.76	18	KAZUMI HANAKI	JPN	3:58.05
24	NONIE HODGSON	AUS	15:10.18	50	MEGUMI TANABE	JPN	54.41	19	TOSHIE FUJIMURA	JPN	4:10.86



I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

WOMEN -- 35-39 -- 50 M. BRST

1	C.KINGSBEER	NZL	39.87
2	CHRISTIE SLIMAK	USA	40.28
3	MIEKO MORITA	JPN	41.05
4	AKEMI HIRAI	JPN	41.24
5	PAMELA ROCK	AUS	41.57
6	KAZUKO IMOTO	JPN	42.63
7	MASAYO KONNAI	JPN	44.37
8	MORNA MCFARLANE	NZL	44.47
9	SHARON FEREN	CAN	44.73
10	KEIKO UTSUMI	JPN	45.32
11	MIYONOBU BESSHO	JPN	46.27
12	MAKIKO KODAMA	JPN	46.35
13	REIKO WATABIKI	JPN	46.39
14	YOUKO MATUOKA	JPN	46.40
15	KIYOMI INOUE	JPN	46.99
16	MIDORI OZAWA	JPN	47.18
17	KIYONO NODA	JPN	47.60
18	HISAKO ISHIDA	JPN	48.08
19	NORIKO INAE	JPN	48.28
20	KEIKO AKASE	JPN	48.59
21	ETSUKO KAMIYAMA	JPN	48.62
22	mitsuyo FUKUDA	JPN	48.85
23	YUMIKO OKABE	JPN	49.16
24	KAREN MOSES	NZL	49.37
25	MAYUMI WATANABE	JPN	49.47
26	YAEKO OONUKI	JPN	49.86
27	MAYUMI TAKAHASHI	JPN	49.93
28	SAEKO EGAWA	JPN	50.96
29	TOSHIE YAMAGUCHI	JPN	51.01
30	KAZUYO MARUO	JPN	51.07
31	YOHKO KASAHARA	JPN	51.09
31	CYNTHIA BUTLER	NZL	51.09
33	MIZUE SUZUKI	JPN	51.42
34	MIEKO TAKAHASHI	JPN	51.83
35	MICHIKO TOYODA	JPN	52.29
36	MIYAKO NAKAMURA	JPN	52.42
37	ANN STEER	CAN	53.02
38	TERUMI OGURA	JPN	53.47
39	KAZUYO NASHIRO	JPN	53.52
40	J.COVACEVICH	AUS	53.88
41	CHIKAKO INOUE	JPN	54.32
42	YURIKO OOTA	JPN	54.36
43	SUZETTE BECHARD	CAN	54.46
44	YOHKO KOICHI	JPN	54.93
45	YOHKO ABE	JPN	55.26
46	ESTRELLA MAUPAY	CAN	55.45
47	CHIEKO MATSUMURA	JPN	55.95
48	MACHIKO YAMAUCHI	JPN	56.28
49	AKIKO SUDOH	JPN	56.33
50	HITOMI TAKAHASHI	JPN	57.24
51	HIROKO TAKAHASHI	JPN	57.50
52	JUNKO TANAKA	JPN	57.61
53	EIKO MAEHARA	JPN	57.80
54	HIROKO NANBA	JPN	58.26
55	CHIZUKO HIBINO	JPN	58.48
56	MICHIKO HAYASHI	JPN	1:00.53
57	KEIKO MIYAMOTO	JPN	1:02.30
58	TOMOKO TAKAMATSU	JPN	1:06.39
59	ITSUKO MATSUDA	JPN	1:13.81

WOMEN -- 35-39 -- 100 M. BRST

1	CHRISTIE SLIMAK	USA	1:28.41
2	C.KINGSBEER	NZL	1:29.88

3	MIREILLE RICHTER	SUI	1:33.07
4	PAMELA ROCK	AUS	1:33.52
5	KAZUKO IMOTO	JPN	1:36.21
6	MASAYO KONNAI	JPN	1:37.55
7	MORNA MCFARLANE	NZL	1:38.25
8	SHARON FEREN	CAN	1:41.29
9	TOSHIE KANEKO	JPN	1:41.82
10	CHIZUKO NAGANUMA	JPN	1:42.38
11	MAKIKO KODAMA	JPN	1:43.57
12	KEIKO UTSUMI	JPN	1:44.68
13	NONIE HODGSON	AUS	1:47.43
14	MAYUMI TAKAHASHI	JPN	1:47.81
15	YOUKO MATUOKA	JPN	1:47.86
16	HIROKO SAWADA	JPN	1:48.16
17	KAREN MOSES	NZL	1:48.35
18	KIMIKO YAMADA	JPN	1:51.64
19	ANN STEER	CAN	1:52.34
20	KATSUKO KAMISHIRO	JPN	1:53.09
21	YOHKO KASAHARA	JPN	1:53.12
22	SHIRLEY STRANG	CAN	1:55.47
23	MARIKO HOKAZONO	JPN	1:55.81
24	MIWAKO KANNO	JPN	2:02.90
25	CHIEKO MATSUMURA	JPN	2:03.04
26	ESTRELLA MAUPAY	CAN	2:05.47
27	Y.TSUBAKIHARA	JPN	2:06.23
28	EMIKO SHIMAZU	JPN	2:10.12
29	KIYOKO OOTA	JPN	2:20.63

WOMEN -- 35-39 -- 200 M. BRST

1	CHRISTIE SLIMAK	USA	3:15.67
2	C.KINGSBEER	NZL	3:18.26
3	MIREILLE RICHTER	SUI	3:19.39
4	PAMELA ROCK	AUS	3:21.75
5	CULLEN REYNOLDS	CAN	3:33.87
6	MORNA MCFARLANE	NZL	3:35.16
7	SHARON FEREN	CAN	3:42.04
8	MIDORI OZAWA	JPN	3:48.44
9	KAREN MOSES	NZL	3:48.85
10	ROBYN PAYNE	AUS	3:50.20
11	KEIKO AKASE	JPN	3:57.26
12	YOUKO MATUOKA	JPN	3:59.84
13	KAZUYO MARUO	JPN	4:10.80
14	SHIRLEY STRANG	CAN	4:12.42
15	S.SHIGEMATSU	JPN	4:12.57
16	CHIEKO SATOH	JPN	4:12.86
17	ANN STEER	CAN	4:13.52
18	MASAKO SAITOH	JPN	4:20.36
19	MIYAKO NAKAMURA	JPN	4:20.77
20	Y.TSUBAKIHARA	JPN	4:25.03
21	CHIEKO MATSUMURA	JPN	4:26.75
22	ESTRELLA MAUPAY	CAN	4:27.93
23	AKIKO SUDOH	JPN	4:34.16
24	HITOMI TAKAHASHI	JPN	4:43.14
25	TOSHIO SUNAGAWA	JPN	5:42.09

WOMEN -- 35-39 -- 50 M. FLY

1	MICHIKO KIHARA	JPN	33.27
2	MASAKO ITOH	JPN	33.28
3	PAULA MARTIN	USA	35.06
4	SANDRA BRAY	NZL	35.41
5	MIDORI YABUTA	JPN	35.62
6	TAKAKO NAKAHARA	JPN	35.99
7	YUMI KOYAMA	JPN	36.06
8	JACQUE MARRIOTT	NZL	36.07
9	COLLEEN DAVEY	AUS	36.70

10	C.KINGSBEER	NZL	36.96
11	JYUNKO NISHIMURA	JPN	36.97
12	ROBIN RUSSELL	CAN	37.57
13	KUNIYO SUENAGA	JPN	38.23
14	SETSUOKO KOMAKI	JPN	38.26
15	UTA SCHNEIDER	SUI	38.39
16	V.PRIMAZZI	BRA	38.74
17	SACHIKO SHIMIZU	JPN	39.33
18	MARGARET CONNERRY	GBR	40.35
19	LEONOR OLIVEIRA	BRA	40.55
20	KIYOKO KOTANI	JPN	40.74
21	SATOE MATSUOKA	JPN	41.04
22	S.SHIGEMATSU	JPN	42.02
23	MORNA MCFARLANE	NZL	42.88
24	KYOKO OHMA	JPN	43.06
25	mitsuyo KUKI	JPN	43.09
26	MIE OONO	JPN	43.37
27	YOHKO ISOBE	JPN	44.34
28	ETSUKO KAMIYAMA	JPN	44.37
29	MISAKO SHIMIZU	JPN	44.60
30	YORIKO ONO	JPN	45.45
31	HISAKO ISHIDA	JPN	45.52
32	TOMOKO HASEBE	JPN	45.53
33	CHIEKO SHIMAZAKI	JPN	47.36
34	FUNIKO ENDOH	JPN	47.39
35	KYOKO SAKAMOTO	JPN	47.65
36	KYOKO NAKAJYO	JPN	47.92
37	NORIKO INAE	JPN	48.24
38	REIKO KUME	JPN	49.56
39	YOSHIKO OGAWA	JPN	51.79
40	MAYUMI YOSHIMURA	JPN	53.14
41	JUNKO TANAKA	JPN	54.69
42	TOSHIKO USUI	JPN	55.90
43	mitsue INAGAKI	JPN	55.93
44	MASAKO SAITOH	JPN	59.85
45	TOMOKO YASUDA	JPN	1:09.06
46	HITOMI TAKAHASHI	JPN	1:17.20

WOMEN -- 35-39 -- 100 M. FLY

1	SANDRA BRAY	NZL	1:15.58
2	LUCY JOHNSON	USA	1:16.17
3	YUMI KOYAMA	JPN	1:27.07
4	UTA SCHNEIDER	SUI	1:27.54
5	MIDORI YABUTA	JPN	1:28.68
6	JYUNKO NISHIMURA	JPN	1:34.37
7	COLLEEN DAVEY	AUS	1:35.23
8	JUNE KUHN	AUS	1:36.29
9	SETSUOKO KOMAKI	JPN	1:38.60
10	KEIKO TSUCHIDA	JPN	1:40.82
11	CHIEKO SHIMAZAKI	JPN	1:55.60
12	SHIRLEY STRANG	CAN	2:01.46
13	YOSHIKO OGAWA	JPN	2:12.00

WOMEN -- 35-39 -- 200 M. FLY

1	SANDRA BRAY	NZL	2:56.45
2	UTA SCHNEIDER	SUI	3:23.42
3	LIZ MITCHELL	AUS	3:34.54
4	KEIKO TSUCHIDA	JPN	3:50.15
5	AKIKO MIZUTANI	JPN	3:57.50
6	SHIRLEY STRANG	CAN	4:21.50
7	KIYOKO OOTA	JPN	4:44.04

WOMEN -- 35-39 -- 200 M. I.M.

1	LUCY JOHNSON	USA	2:55.02
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I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

2	CHRISTIE SLIMAK	USA	3:01.17	47	ATSUKO TAKEYAMA	JPN	43.82	21	KATSUKO MIZUKI	JPN	1:28.37
3	KATE FARRAR	USA	3:09.28	48	MICHIKO TAKISHIMA	JPN	44.17	22	REIKO HIROTA	JPN	1:28.89
4	CULLEN REYNOLDS	CAN	3:16.96	49	NOBUE ISHIHARA	JPN	44.39	23	IKUYO NISHIDA	JPN	1:28.93
5	JUNE KUHN	AUS	3:24.03	49	SACHIKO SUZUKI	JPN	44.39	24	TOMOYO OKADA	JPN	1:29.30
6	MORNA MCFARLANE	NZL	3:26.24	51	HARUYO OOSHIMA	JPN	44.45	24	KYOKO ITOH	JPN	1:29.30
7	KEIKO TSUCHIDA	JPN	3:27.04	52	AKIKO MATSUURA	JPN	44.98	26	MAYUMI ARAMAKI	JPN	1:29.89
8	V.PRIMAZZI	BRA	3:28.65	53	KAZUKO FURUTA	JPN	45.00	27	YOSHIKO KUMAGAYA	JPN	1:31.20
9	JYUNKO NISHIMURA	JPN	3:38.56	54	HELEN WOOD	NZL	45.03	28	SYOKO INOUE	JPN	1:32.35
10	AKIKO MIZUTANI	JPN	3:42.24	55	TOMIKO NAGASHIMA	JPN	45.07	29	LYNETTE WILSON	AUS	1:33.09
11	NONIE HODGSON	AUS	3:42.78	56	YOSHI NAKAE	JPN	45.26	30	HIROKO MISAKE	JPN	1:34.56
12	TAMAKA KIKUHARA	JPN	3:46.20	57	MOIRA RYDE	JPN	45.38	31	ATSUKO IGUCHI	JPN	1:34.88
13	CYNTHIA BUTLER	NZL	3:48.09	58	NOBUKO ASHIKARI	JPN	45.42	32	NORIKO IWATA	JPN	1:35.25
14	KAZUKO KUSABA	JPN	3:48.39	59	JUDITH WEST	NZL	45.69	33	KIMIKO SHIMOGAITE	JPN	1:35.92
15	NOBUKO NITTA	JPN	3:49.23	60	MICHIKO YOSHINO	JPN	45.91	34	YASUKO YOSHIDA	JPN	1:36.79
16	FUMIKO TANAKA	JPN	3:50.29	61	JYUNKO KADOWAKI	JPN	46.05	35	YOHKO NAKAGAWA	JPN	1:38.16
17	SHIRLEY STRANG	CAN	3:56.28	62	SUMIKO NAGAO	JPN	46.18	36	TOMOKO HORIBE	JPN	1:38.17
18	SALLY FERGUS	NZL	4:21.23	63	SACHIKO NISHINO	JPN	46.20	37	KEIKO ASAYAMA	JPN	1:38.98
19	LESLEY MUROOCH	AUS	4:44.38	64	GLENYS MCDONALD	AUS	46.40	38	BARBARA PEDDIE	NZL	1:39.78

WOMEN -- 40-44 -- 50 M. FREE											

1	WILSMORE	AUS	30.00	65	KIYOKO IWAI	JPN	46.41	39	ANNE ATISINSON	AUS	1:39.85
2	JAN WATSON	AUS	31.74	66	NORIKO YAMAMURA	JPN	46.85	40	ANN SNELLING	NZL	1:40.11
3	CAROLYN FLEMING	AUS	31.80	67	KAZUE EBINA	JPN	46.95	41	HARUMI TSUCHIYA	JPN	1:40.15
4	MARY WOOD	CAN	32.24	68	SHIZUKO NAKAHAMA	JPN	47.08	42	YAEKO KOMAZAKI	JPN	1:42.42
5	F GEORGINA LOPEZ	MEX	32.61	69	HIROKO YAMAMOTO	JPN	47.46	43	YOSHI NAKAE	JPN	1:43.39
6	BARBARA BUKOWSKI	CAN	33.63	69	EMIKO KAMIKO	JPN	47.46	44	FUSAKO YAMAMOTO	JPN	1:44.51
7	ROSA MAIKUMA	BRA	33.77	71	NAOMI UCHIDA	JPN	47.58	45	MOIRA RYDE	JPN	1:45.69
8	MARIA COSTA	BRA	34.48	72	HISAE NISHIDA	JPN	47.92	46	JYUNKO KADOWAKI	JPN	1:46.54
9	ADELE GOALDER	AUS	35.82	73	EIKO YAGI	JPN	49.05	47	REIKO MORIYAMA	JPN	1:46.82
10	MISAKO KURITA	JPN	35.98	74	SHIZUE MINENO	JPN	49.64	48	HELEN WOOD	NZL	1:47.73
11	KEIKO MIYOSHI	JPN	37.14	75	YOHKO TAKEUCHI	JPN	49.73	49	KEIKO AKATSU	JPN	1:48.08
12	TOMOYO OKADA	JPN	37.88	76	D LORIS KNIGHT	USA	50.15	50	HIROKO FUKUMOTO	JPN	1:49.61
13	KATSUKO KIYOHARA	JPN	38.20	77	YUHKO TAKAHASHI	JPN	50.77	51	YOUKO TOMITAKA	JPN	1:51.04
14	SATOKO UENO	JPN	38.26	78	SANAE KANBARA	JPN	50.80	52	WENDY ANDERSON	NZL	1:53.66
15	TEIKO ONO	JPN	38.37	79	CHIZUKO YOKOYAMA	JPN	50.88	53	D LORIS KNIGHT	USA	1:58.02
16	KUMIKO GOTOH	JPN	39.00	80	NAOKO HASEBE	JPN	51.49	54	KATSUKO TANAKA	JPN	2:00.46
17	LYNETTE WILSON	AUS	39.24	81	WENDY ANDERSON	NZL	51.56	55	YUKIKO SUGANO	JPN	2:16.84
18	MARGARET COOPER	NZL	39.29	82	SHIGEKO ISHIKAWA	JPN	51.62	*****			
19	TAEKO NAITOH	JPN	39.34	83	HAMAKO ICHIOKA	JPN	52.97	WOMEN -- 40-44 -- 200 M. FREE			
19	JUNKO INAMI	JPN	39.34	84	KEIKO Tabei	JPN	53.95	*****			
21	SHIMANE YAMANAKA	JPN	39.45	85	ELIANE GONCALVES	BRA	55.09	1	JAN WATSON	AUS	2:38.32
22	JUNKO KUSHIDO	USA	39.56	86	SETSUKE TOMIZAWA	JPN	56.52	2	CAROLYN FLEMING	NZL	2:42.91
23	KIYOKO FUJITA	JPN	39.60	87	SUMIE MATSUMOTO	JPN	57.46	3	MARCY HARLOW	USA	2:45.93
24	YOUKO NAKAJIMA	JPN	39.91	88	FUMIKO NISHITANI	JPN	57.59	4	BARBARA BUKOWSKI	CAN	2:46.47
25	HIROKO MISAKE	JPN	39.96	89	CHIEKO FUJIHARA	JPN	58.85	5	AKIKO KITAMURA	JPN	2:47.72
26	SATOKO MASUKO	JPN	40.06	90	MASAKO KATOH	JPN	1:10.67	6	TAEKO IKEDA	JPN	2:59.44
27	MICHIKO WATANABE	JPN	40.20	*****				7	HIDEKO TERASAKI	JPN	3:08.70
28	FUSAKO YAMAMOTO	JPN	40.21	WOMEN -- 40-44 -- 100 M. FREE				8	FUKU SARUHASHI	JPN	3:08.77
29	NORIKO IWATA	JPN	40.30	*****				9	BENTLEY MARANE	USA	3:10.78
30	NORIKO KURASAWA	JPN	40.81	1	JAN WATSON	AUS	1:09.81	10	IKUKO SEKIGUCHI	JPN	3:12.52
31	YASUKO ITOU	JPN	41.54	2	CAROLYN FLEMING	AUS	1:10.11	11	TAMAKI SAGAWA	JPN	3:13.14
32	VIRGINIA MILLS	NZL	41.58	3	MARY LOU WOOD	CAN	1:12.18	12	HIROMI KITAICHI	JPN	3:13.93
33	KATSUKO SATOU	JPN	41.62	4	BARBARA BUKOWSKI	CAN	1:15.41	13	TAEKO NAITOH	JPN	3:18.86
34	MICHIKO SHIRAI	JPN	41.74	5	LESLEY PARKIN	NZL	1:17.38	14	TOMOYO OKADA	JPN	3:22.17
35	CAROLL HALLIGAN	CAN	41.76	6	MARIA COSTA	BRA	1:18.79	15	S.KURIBAYASHI	JPN	3:23.35
36	YOSHIE MORIYA	JPN	41.82	7	F GEORGINA LOPEZ	MEX	1:18.80	16	MASAKO ABE	JPN	3:23.49
37	JYUNKO YAMANAKA	JPN	41.90	8	TAEKO IKEDA	JPN	1:20.62	17	YASUKO ITOU	JPN	3:26.77
38	ANN SNELLING	NZL	42.08	9	HIDEKO TERASAKI	JPN	1:21.28	18	MATSUKO KATAOKA	JPN	3:28.20
39	HATSUE HASHIMOTO	JPN	42.20	10	MITSUKE SEKIGUCHI	JPN	1:22.08	19	MIKIKO KUWAYAMA	JPN	3:31.00
40	REIKO MORIYAMA	JPN	42.46	11	BENTLEY MARANE	USA	1:22.30	20	YOSHIKO KUMAGAYA	JPN	3:31.16
41	YASUKO YOSHIDA	JPN	42.50	12	TAMAKI SAGAWA	JPN	1:23.10	21	KAROLL HALLIGAN	CAN	3:34.24
42	SYOKO INOUE	JPN	42.55	13	FUKU SARUHASHI	JPN	1:25.22	22	SYOKO INOUE	JPN	3:36.14
43	FUMIKO SAKAGAMI	JPN	42.65	14	SATOKO UENO	JPN	1:26.29	23	YOHKO NAITOH	JPN	3:36.68
44	ANNE ATISINSON	AUS	42.67	15	TOMOYO OKADA	JPN	1:26.50	24	NORIKO IWATA	JPN	3:40.24
45	AKIKO NAKAJIMA	JPN	43.52	16	ADELE GOALDER	AUS	1:26.71	25	BARBARA PEDDIE	NZL	3:40.40
46	KYOKO KOBAYASHI	JPN	43.81	17	YASUKO ITOU	JPN	1:27.44	26	YOUKO NAKAJIMA	JPN	3:45.46
				18	KAYOKO TAKASUSUKI	JPN	1:27.72	27	KIMIKO SHIMOGAITE	JPN	3:48.29
				19	ATSUKO TAKEDA	JPN	1:27.96	28	AKIKO KONDOH	JPN	4:01.85
				20	S.KURIBAYASHI	JPN	1:28.22	29	MIDORI KAMIGUCHI	JPN	4:08.28



I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

30 WENDY ANDERSON NZL 4:09.94
31 D LORIS KNIGHT USA 4:26.84
32 INEKO FUJINO JPN 4:29.33
33 KATSUKO TANAKA JPN 4:41.67

WOMEN -- 40-44 -- 400 M. FREE

1 JANE KATZ USA 5:28.86
2 CAROLYN FLEMING AUS 5:42.35
3 BARBARA BUKOWSKI CAN 5:52.98
4 AKIKO KITAMURA JPN 5:54.16
5 MARCY HARLON USA 6:00.03
6 LESLEY PARKIN NZL 6:00.08
7 TAEKO IKEDA JPN 6:14.89
8 HISAKO WHORTENBY JPN 6:32.98
9 HEAD JIGINA JPN 6:33.72
10 PAM KEMPSON AUS 6:41.26
11 LOUISE MCGONIGAL CAN 6:43.65
12 MASAKO KUBOIKE JPN 6:45.25
13 YUHKO MIHORI JPN 6:47.78
14 ANGELA PISTILLI BRA 6:48.67
15 IKUKO SEKIGUCHI JPN 6:52.43
16 BENTLEY MARANE USA 6:53.61
17 HIDEKO TERASAKI JPN 6:53.93
18 TAMAKI SAGAWA JPN 6:58.22
19 MIE HOSOYA JPN 7:04.98
20 TINA MARTIN USA 7:16.31
21 ATSUKO SHIMIZU JPN 7:20.72
22 MATSUKO KATAOKA JPN 7:21.36
23 TOMOYO OKADA JPN 7:26.87
24 BLAIV LYNETTE USA 7:28.26
25 KEIKO KADOKURA JPN 7:31.59
26 KATSUKO SATOU JPN 7:37.11
27 MASAKO ISHII JPN 7:38.23
28 CAROLL HALLIGAN CAN 7:46.45
29 TERUYO HOSHINO JPN 7:48.85
30 EMIKO KUSAMICHI JPN 7:57.15
31 BARBARA PEDDIE NZL 7:57.42
32 YAEKO KOMAZAKI JPN 8:02.02
33 YUUKO UNOZAWA JPN 8:14.16
34 YUKIKO YONEYAMA JPN 8:14.44
35 YSAUKO SUZUKI JPN 8:19.21
36 WENDY ANDERSON NZL 8:38.13
37 INEKO FUJINO JPN 8:46.26
38 MOIRA RYDE JPN 8:49.20
39 T.HIRABAYASHI JPN 8:58.00
40 MIDORI KAMIGUCHI JPN 9:02.41
41 YASUKO OZAWA JPN 9:09.83
42 D LORIS KNIGHT USA 9:11.96

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

1 JANE KATZ USA 11:07.59
2 MARCY HARLOW USA 12:01.76
3 BARBARA BUKOWSKI CAN 12:05.33
4 CAROLYN FLEMING AUS 12:08.29
5 TAEKO IKEDA JPN 13:08.10
6 HISAKO WHORTENBY JPN 13:22.64
7 VIRGINIA HEAD AUS 13:51.94
8 LOUISE MCGONIGAL CAN 13:57.36
9 YUHKO MIHORI JPN 14:04.01
10 PAM KEMPSON AUS 14:04.69
11 BENTLEY MARANE USA 14:06.43
12 TAKAKO KINOMOTO JPN 14:18.94
13 TAMAKI SAGAWA JPN 14:50.14
14 MATSUKO KATAOKA JPN 14:51.41
15 MISAKO KURITA JPN 14:56.19

16 HIROKO SHIMADA JPN 14:56.85
17 TAEKO NAITOH JPN 15:03.28
18 KEIKO KADOKURA JPN 15:19.00
19 ETSUKO IKEDA JPN 15:26.10
20 MIKIKO KUWAYAMA JPN 16:02.92
21 KATSUKO SATOU JPN 16:24.32
22 TERUYO HOSHINO JPN 16:33.93
23 BARBARA PEDDIE NZL 16:41.45
24 NORIKO IWATA JPN 16:46.63
25 JILL EDWARDS NZL 16:46.97
26 HIROKO MISAKI JPN 16:53.32
27 KAYO MATSUMURA JPN 16:58.04
28 T.HIRABAYASHI JPN 17:59.95
29 SACHIKO AZUMA JPN 18:28.35
30 MEI YANG YU TPE 18:35.63

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

1 HIROMI SATOH JPN 35.74
2 RAE WILSMORE AUS 36.25
3 BETTY BENNETT USA 39.06
4 GINGER PIERSON USA 40.27
5 LESLEY PARKIN NZL 40.49
6 MARIA COSTA BRA 40.92
7 LYNETTE BLAIR NZL 40.93
8 ANNEGRET VOELCKER FRG 43.00
9 F GEORGINA LOPEZ MEX 43.06
10 KIKUKO SEKIGUCHI JPN 44.20
11 KAORU OOTA JPN 44.46
12 NOBUKO YASUDA JPN 45.25
13 MASAKO KUBOIKE JPN 45.60
14 MASAKO ABE JPN 45.62
15 HISAKO WHARTENBY JPN 46.04
16 MITSUKO SEKIGUCHI JPN 46.17
17 SHOKO TSUJIMURA JPN 46.90
18 LYNETTE WILSON AUS 47.12
19 MARIA CARNEIRO BRA 47.48
20 ADELE GOALDER AUS 47.60
21 YOHKO NAITOH JPN 47.61
21 SATOKO UENO JPN 47.61
23 MARLENE PUGH AUS 47.97
24 HIROKO MISAKI JPN 48.03
25 MARGARET COOPER NZL 49.11
26 JUDITH WEST NZL 50.33
27 REIKO KOJIMA JPN 50.42
28 TAEKO MATSUO JPN 52.09
29 KEIKO NAKANO JPN 52.47
30 BENTLEY MARANE USA 53.45
31 MICHIKO TAKISHIMA JPN 54.01
32 D LORIS KNIGHT USA 54.12
33 AKIKO KONDOH JPN 54.69
34 SACHIKO NISHINO JPN 55.55
35 SUMIKO KOBAYASHI JPN 56.36
36 YOSHIKO TAJIMA JPN 56.47
37 YAYOI KANDA JPN 56.59
38 HELEN WOOD NZL 58.20
39 YUUKO NAKAJIMA JPN 58.46
40 HISAE NISHIDA JPN 59.60
41 MASAKO KONDOH JPN 1:02.24
42 MIYUKI SEKIAI JPN 1:12.70
43 JYUNKO SHIINA JPN 1:14.23
44 EMIKO KATOH JPN 1:24.12
45 KAZUMI KUBO JPN 1:32.73

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

1 GINGER PIERSON USA 38.37
2 DIANE FORD GBR 40.49
3 ANNEGRET VOELCKER FRG 40.50
4 NORIKO ASAKURA JPN 40.62
5 RAE WILSMORE AUS 40.71
6 KAZUYO AOYAMA JPN 42.54
7 MARY WOOD CAN 42.59
8 HIROKO SOWA JPN 43.26
9 HATSUE TAKADA JPN 43.50
10 YUUKO NAGAKI JPN 43.87
11 YAYOI KANDA JPN 44.30
12 ETSUKO IKEDA JPN 44.55
13 NOBUKO YASUDA JPN 44.62
14 CHIHOKO YOSHIMURA JPN 44.73
15 MASAYO NAKAFUTAMI JPN 45.15
16 TAKAKO FUKUYAMA JPN 45.73
17 IKUKO SEKIGUCHI JPN 46.53
18 NOBUKO SUGINO JPN 47.10
19 EMIKO HOSHINO JPN 47.46
20 SHIMANE YAMANAKA JPN 47.49
21 SAWAKO MORIKAWA JPN 47.63
21 TAEKO MATSUO JPN 47.63
23 KAYOKO OZAWA JPN 47.65

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

1 SATOKO TAKEUJI JPN 1:15.24

2 RAE WILSMORE AUS 1:21.51
3 JAN WATSON AUS 1:25.65
4 BETTY BENNETT USA 1:27.31
5 LYNETTE BLAIR NZL 1:31.63
6 LESLEY PARKIN NZL 1:31.85
7 LOUISE MCGONIGAL CAN 1:35.83
8 F GEORGINA LOPEZ MEX 1:38.23
9 KAORU OOTA JPN 1:39.89
10 SHOKO TSUJIMURA JPN 1:41.45
11 ADELE GOALDER AUS 1:44.37
12 KATSUKO HAGIZUKA JPN 1:46.56
13 MARLENE PUGH AUS 1:50.17
14 TETSUKO MATSUMOTO JPN 1:51.23
15 SACHIKO SATOH JPN 1:51.37
16 LYNETTE WILSON AUS 1:53.69
17 JUDITH WEST NZL 1:53.82
18 SETSUKO SAITOH JPN 1:55.58
19 ASAKO MATSUMARU JPN 1:56.67
20 HARUMI TSUCHIYA JPN 1:57.48
21 YASUKO ITOU JPN 1:58.61
22 KIMIKO AKATSU JPN 2:02.03
23 MASAKO KONDOH JPN 2:11.40
24 HISAKO OGUCHI JPN 2:46.10

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

1 SATOKO TAKEUJI JPN 2:49.91
2 JANE KATZ USA 3:02.80
3 BETTY BENNETT USA 3:12.04
4 LYNETTE BLAIR NZL 3:20.86
5 LOUISE MCGONIGAL CAN 3:23.08
6 JUDY FORD AUS 3:25.77
7 KAORU OOTA JPN 3:31.19
8 PAM KEMPSON AUS 3:33.29
9 YOHKO NAITOH JPN 3:40.93
10 MIE HOSOYA JPN 3:42.31
11 SHOKO TSUJIMURA JPN 3:47.26
12 YURIKO INOUE JPN 3:56.19
13 CAROLL HALLIGAN CAN 4:06.07
14 JUDITH WEST NZL 4:16.77
15 YUUKO TOMITAKA JPN 4:53.48

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

1 GINGER PIERSON USA 38.37
2 DIANE FORD GBR 40.49
3 ANNEGRET VOELCKER FRG 40.50
4 NORIKO ASAKURA JPN 40.62
5 RAE WILSMORE AUS 40.71
6 KAZUYO AOYAMA JPN 42.54
7 MARY WOOD CAN 42.59
8 HIROKO SOWA JPN 43.26
9 HATSUE TAKADA JPN 43.50
10 YUUKO NAGAKI JPN 43.87
11 YAYOI KANDA JPN 44.30
12 ETSUKO IKEDA JPN 44.55
13 NOBUKO YASUDA JPN 44.62
14 CHIHOKO YOSHIMURA JPN 44.73
15 MASAYO NAKAFUTAMI JPN 45.15
16 TAKAKO FUKUYAMA JPN 45.73
17 IKUKO SEKIGUCHI JPN 46.53
18 NOBUKO SUGINO JPN 47.10
19 EMIKO HOSHINO JPN 47.46
20 SHIMANE YAMANAKA JPN 47.49
21 SAWAKO MORIKAWA JPN 47.63
21 TAEKO MATSUO JPN 47.63
23 KAYOKO OZAWA JPN 47.65

I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

24	ATSUKO SHIMIZU	JPN	47.68	18	TAeko MATSUO	JPN	1:45.31	14	F GEORGINA LOPEZ	MEX	44.16
25	HIDEKO TERASAKI	JPN	47.70	19	KAYO NOGAYA	JPN	1:45.50	15	LYNETTE BLAIR	NZL	44.23
26	AKIKO IWATA	JPN	47.89	20	NOBUKO SUGINO	JPN	1:46.12	16	MUTSUKO KAWASAKI	JPN	44.46
27	NORIKO AWAZAWA	JPN	47.96	21	KAYOKO OZAWA	JPN	1:46.39	17	KUMIKO GOTOH	JPN	44.80
28	KEIKO FUJIWARA	JPN	47.98	22	REIKO HIROTA	JPN	1:46.41	18	KIYOKO FUJITA	JPN	45.08
29	KAYO NOGAYA	JPN	48.13	23	SHIMANE YAMANAKA	JPN	1:47.06	19	TINA MARTIN	USA	45.19
30	SUEKO KAGEI	JPN	48.40	24	MICHIKO NAITOH	JPN	1:50.05	20	TEIKO ONO	JPN	45.92
31	IRENE WYATT	AUS	48.43	25	SUEKO KAGEI	JPN	1:50.77	21	KAYOKO TAKASUSUKI	JPN	46.86
32	JUNKO KUSHIDO	USA	48.74	26	TOSHIKO MURATA	JPN	1:52.85	22	KIMIKO OOTA	JPN	47.20
33	MIKIKO KUWAYAMA	JPN	48.86	27	JILL EDWARDS	NZL	1:53.68	23	AYAKO UHEYAMA	JPN	47.98
34	TAKA YOSHIDA	JPN	48.88	28	AYAKO KOMODA	JPN	1:53.70	24	TETSUKO MATSUMOTO	JPN	48.05
35	MICHIKO NAITOH	JPN	49.21	29	KEIKO KADOKURA	JPN	1:55.64	25	YURIKO INOUE	JPN	48.55
36	MARGARET COOPER	NZL	49.42	30	YURIKO SATOH	JPN	1:55.93	26	KAYOKO INAGAKI	JPN	48.57
37	TOMIKO ITOH	JPN	50.07	31	TOMIKO ITOH	JPN	1:56.27	27	YOUKO UNOZAWA	JPN	49.25
38	MASAKO MATSUZAKI	JPN	50.42	32	YASUKO OHIZUMI	JPN	1:56.29	28	YASUKO YOSHIDA	JPN	50.25
39	LYNETTE WILSON	AUS	50.75	33	YOSHIKO WAKASA	JPN	1:57.12	29	HISAKO SUNANO	JPN	50.65
40	YOSHIKO TAJIMA	JPN	51.15	34	NOBUKO IBUKI	JPN	2:03.52	30	REIKO SUMITOMO	JPN	50.87
41	YURIKO SATOH	JPN	51.35	35	ANNE ATISINSON	AUS	2:04.51	31	S.KURIBAYASHI	JPN	50.95
42	CHIYOKO MATSUZAWA	JPN	51.42	36	FUMIKO OOMOMO	JPN	2:07.70	32	KEIKO AKATSU	JPN	51.36
43	KATSUKO SATOU	JPN	51.53	37	VIRGINIA MILLS	NZL	2:09.18	33	TOMIKO ITOH	JPN	51.39
44	EMIKO YOSIZAWA	JPN	51.55	38	SANAE KANBARA	JPN	2:10.70	34	AKIKO KONDOH	JPN	51.50
45	JILL EDWARDS	NZL	52.92	39	KAZUKO MOROTO	JPN	2:10.75	35	KIMIKO SHIMOGAITE	JPN	52.18
46	SATOKO MASUKO	JPN	53.88	40	YUKIKO OKUTSU	JPN	2:15.10	36	KYOKO ITOH	JPN	53.92
47	REIKO ISHIGAKI	JPN	54.02	*****				37	KEIKO OKAMOTO	JPN	55.36
48	FUMIKO SAKAGAMI	JPN	54.64	WOMEN -- 40-44 -- 200 M. BRST				38	YUKIE NAKAJIMA	JPN	55.46
49	YOSHIE KOIDE	JPN	54.84	*****				39	YASUKO SUZUKI	JPN	55.79
50	VIRGINIA MILLS	NZL	54.88	1	GINGER PIERSON	USA	3:07.35	40	MARLENE PUGH	AUS	57.89
51	ANN SNELLING	NZL	54.95	2	ANNEGRET VOELCKER	FRG	3:11.72	41	KATSUKO TANAKA	JPN	1:02.41
52	YOHKO NAKAGAWA	JPN	55.47	3	DIANE FORD	GBR	3:12.26	42	TATSUKO KATAYAMA	JPN	1:03.85
53	MIYAKO HOKUTOH	JPN	55.96	4	MARY WOOD	CAN	3:27.99	43	YOUKO TOMITAKA	JPN	1:06.64
54	SANAE KANBARA	JPN	56.22	5	ETSUKO IKEDA	JPN	3:28.65	44	KAZUMI KUBO	JPN	1:39.25
55	ANNE ATISINSON	AUS	56.35	6	TAKAKO KINOMOTO	JPN	3:29.14	*****			
56	YASUKO TAKAHASHI	JPN	56.40	7	KAZUYO AOYAMA	JPN	3:29.44	WOMEN -- 40-44 -- 100 M. FLY			
57	SHIGEKO ISHIKAWA	JPN	56.96	8	HATSUE TAKADA	JPN	3:36.77	*****			
58	KAYO MATSUMURA	JPN	57.29	9	EIKO MIYACHI	JPN	3:38.49	1	DIANE FORD	GBR	1:31.04
59	KATSUKO TANAKA	JPN	57.75	10	IRENE WYATT	AUS	3:41.72	2	ROSA MAIKUMA	BRA	1:32.80
60	KIYOKO IWAI	JPN	59.13	11	MASAYO NAKAFUTAMI	JPN	3:47.95	3	TAeko IKEDA	JPN	1:39.27
61	MUNEKO HIRAIWA	JPN	1:01.01	12	JUDY FORD	AUS	3:48.45	4	VIRGINIA HEAD	AUS	1:41.43
62	SACHIKO AZUMA	JPN	1:01.05	13	KAYO NOGAYA	JPN	3:49.97	5	KAZUKO YAMADA	JPN	1:45.



I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

14 BARBARA PEDDIE NZL 4:22.83

WOMEN -- 45-49 -- 50 M. FREE

1	YOSHIKO OOSAKI	JPN	31.97
2	DAWN FRASER	AUS	32.08
3	MIWA SHAMOTO	JPN	33.00
4	SYLVIA BRAMHAM	GBR	33.47
5	SPERRY RADEMAKER	USA	33.86
6	JEANNE LITTLE	USA	34.22
7	DORIS WRIGHT	NZL	35.43
8	GLORIA ROBINSON	AUS	35.56
9	ETSUKO HIRAMATSU	JPN	35.62
10	N.TSUCHIHASHI	JPN	35.72
11	FUMIKO NAKAMURA	JPN	35.73
12	LORRETTA SCHMIDT	USA	36.42
13	AKIKO MAEDA	JPN	36.79
14	SEIKO IWATA	JPN	36.86
15	TIZU SATO	BRA	37.16
16	YOSHIKO SHIMIZU	JPN	37.72
17	PAULINE WINGATE	AUS	38.06
18	YUKIKO NANJYO	JPN	38.21
19	MIYOKO MATSUMOTO	JPN	38.89
20	YUKIKO SHIMOI	JPN	39.16
21	KANAE FUJIKURA	JPN	39.26
22	SHOKO YAMAZAKI	JPN	39.31
23	ERNESTINE BEATTIE	USA	39.77
24	TOMOKO SHIBATA	JPN	39.78
25	PAULA GIBBS	AUS	40.29
26	PATRICIA MCKNIGHT	NZL	40.53
27	SHIZUKO ASADA	JPN	40.79
28	SAYO TAKEUCHI	JPN	40.87
29	TOMOKO ENDOH	JPN	41.01
30	YOSHIE HASEGAWA	JPN	41.06
31	AIKO TAKENOBU	JPN	41.50
32	HATSU ARATAKE	JPN	41.86
33	HISA MAEKAWA	JPN	41.99
34	HISAKO SANNO	JPN	42.07
35	YUMIKO SHIMAZU	JPN	42.10
36	MITSUOKO NOMURA	JPN	42.53
37	MARION JENSEN	AUS	42.80
38	TAKAE GOTOU	JPN	43.02
39	SEIKO SUGIYAMA	JPN	43.21
40	SACHIKO KATOH	JPN	43.66
41	CHIYOKO KIRIHARA	JPN	43.68
42	CHIEKO TOKUDA	JPN	43.79
43	HSIANG CHUN	TPE	43.85
44	KIYOKO IKEUCHI	JPN	43.88
45	SAGAMI KAMIJYO	JPN	44.10
46	KAZUKO MASUYAMA	JPN	45.00
47	MIYA ANDOU	JPN	45.14
48	AYAKO HAYASHI	JPN	45.62
49	YUKIKO WADA	JPN	45.67
50	CLAUDIA FOORD	AUS	45.77
51	HARUE SATOH	JPN	45.99
52	HIROKO ITOU	JPN	46.13
53	YOUKO SUZUKI	JPN	46.34
54	REIKO KATOH	JPN	46.52
55	KIMIKO FUJIMOTO	JPN	47.23
56	YOSHIKO AIDA	JPN	47.24
57	MIKIKO ITOH	JPN	47.47
58	YURI YAGISHITA	JPN	47.50
59	TOSHIE HOSHINO	JPN	47.80
60	MASAKO MORINO	JPN	48.15
61	E.WILLIAMSON	NZL	48.44
62	MICHIKO SAKATANI	JPN	48.88
63	NORIKO KABANO	JPN	49.38

64	HARUKO TAKEYAMA	JPN	49.74
65	KAZUKO ASAO	JPN	50.40
66	JEAN WILD	AUS	50.55
67	TOMIKO HAYASHI	JPN	51.01
68	JUDY MCCURDY	USA	51.28
69	TEIKO ARAKI	JPN	51.70
70	TOMOKO YASUKAWA	JPN	52.15
71	YASUKO MIKAMI	JPN	52.20
72	JYUNKO AOYAGI	JPN	53.05
73	AKIKO IIDA	JPN	54.10
74	TOMIE KIKUCHI	JPN	54.39
75	YOSHIKO OOSE	JPN	54.73
76	NOBUKO SASAKI	JPN	54.97
77	MARIKO SHINOHARA	JPN	55.87
78	TONI MIHAILOF	NZL	56.52
79	MASAKO YAMAGUCHI	JPN	57.32
80	WENDY WOODS	NZL	58.81
81	YUMI INAGAKI	JPN	58.92
82	NAOKO HIRANO	JPN	59.43
83	KIYOKO UEDA	JPN	1:00.29
84	MITSUOKO NAKAMURA	JPN	1:03.81
85	YOSHIE KUSAKA	JPN	1:05.67
86	CHIYOKO OKUMURA	JPN	1:16.58

WOMEN -- 45-49 -- 100 M. FREE

1	YOSHIKO OOSAKI	JPN	1:09.60
2	LINNE WEIR	USA	1:11.24
3	DAWN FRASER	AUS	1:12.51
4	MIWA SHAMOTO	JPN	1:19.84
5	EMIKO TSUJIMOTO	JPN	1:21.75
6	DORIS WRIGHT	NZL	1:21.84
7	JEANNE LITTLE	USA	1:22.41
8	PAULINE WINGATE	AUS	1:23.92
9	SEIKO YAMASAKI	JPN	1:25.13
10	TAKEKO MIZUNO	JPN	1:26.49
11	KATHRYN RATTRAY	CAN	1:26.60
12	KEIKO SEO	JPN	1:26.72
13	TERUKO MURANO	JPN	1:30.00
14	SUSAN DEARBORN	USA	1:31.06
15	KYOKO NIMURA	JPN	1:31.42
16	SHOKO YAMAZAKI	JPN	1:31.59
17	SUSAN DEARBORN	USA	1:31.60
18	AKIKO MAEDA	JPN	1:32.69
19	TOMOKO SHIBATA	JPN	1:32.69
20	JOAN MCLEOD	AUS	1:33.10
21	HIROKO FUJIMOTO	JPN	1:33.53
22	PAULA GIBBS	AUS	1:33.65
23	F.MCKILLIGAN	CAN	1:34.89
24	KIYOKO NISHIO	JPN	1:35.09
25	FUMIKA HARANO	JPN	1:36.46
26	NORIKO MORI	JPN	1:36.73
27	KIYOKO IKEUCHI	JPN	1:37.13
28	HISA MAEKAWA	JPN	1:40.36
29	PATRICIA MCKNIGHT	NZL	1:40.37
30	HATSU ARATAKE	JPN	1:40.55
31	KIMIKO FUJIMOTO	JPN	1:41.60
32	CHIEKO TOKUDA	JPN	1:42.10
33	TAKAKO MATSUMOTO	JPN	1:43.85
34	HSIANG CHUN	TPE	1:44.15
35	CLAUDIA FOORD	AUS	1:44.23
36	EIKO KATSUMATA	JPN	1:45.12
37	MASAKO MORINO	JPN	1:47.57
38	TERUKO WADA	JPN	1:51.69
39	YURI YAGISHITA	JPN	1:52.37
40	JEAN WILD	AUS	1:52.51
41	EMIKO GOTOH	JPN	1:52.57

42	FUMIKO MINESHIMA	JPN	1:58.34
43	KAZUKO TOMITA	JPN	1:59.87
44	BETTY CAMERON	AUS	2:08.99

WOMEN -- 45-49 -- 200 M. FREE

1	YOSHIKO OOSAKI	JPN	2:36.06
2	LINNE WEIR	USA	2:38.00
3	DAWN FRASER	AUS	2:42.98
4	ALISON LEACH	NZL	3:01.76
5	ETSUKO HIRAMATSU	JPN	3:12.50
6	PAULINE WINGATE	AUS	3:13.34
7	EMIKO TSUJIMOTO	JPN	3:16.20
8	SANAE ABE	JPN	3:17.16
9	LYN EDEBONE	AUS	3:18.43
10	SUSAN DEARBORN	USA	3:23.98
11	SHIZUE TANAKA	JPN	3:24.70
12	YOSHIKO OKUTOMI	JPN	3:25.20
13	SATOKO SUZUKI	JPN	3:28.21
14	F.MCKILLIGAN	CAN	3:31.97
15	TAKAKO ANDOH	JPN	3:32.70
16	KIYOKO IKEUCHI	JPN	3:34.11
17	SETSUKO YAMAZAKI	JPN	3:37.21
18	MARION JENSEN	AUS	3:42.52
19	YOSHIKO MIYAMOTO	JPN	3:45.75
20	KIMIKO ASAKURA	JPN	3:46.36
21	YOSHIKO AIDA	JPN	3:49.89
22	YORIKO MATSUMOTO	JPN	3:52.39
23	JEAN WILD	AUS	3:58.74
24	MIYA ANDOU	JPN	4:00.13
25	YUKIKO KUMAGAI	JPN	4:01.36
26	PATRICIA MCKNIGHT	NZL	4:07.08
27	CLAUDIA FOORD	AUS	4:12.96
28	KIYOKO SUSUKIDA	JPN	4:20.66
29	TOSHIO FUKUI	JPN	4:35.17

WOMEN -- 45-49 -- 400 M. FREE

1	LINNE WEIR	USA	5:29.64
2	DAWN FRASER	AUS	5:42.15
3	ALISON LEACH	NZL	6:28.88
4	GLORIA ROBINSON	AUS	6:36.53
5	LYN EDEBONE	AUS	6:48.76
6	YAEKO YAMAGUCHI	JPN	6:50.90
7	SANAE ABE	JPN	6:58.03
8	ETSUKO HIRAMATSU	JPN	6:59.98
9	SHIZUE TANAKA	JPN	7:08.80
10	TIZU SATO	BRA	7:12.48
11	SUSAN DEARBORN	USA	7:13.04
12	JOAN MCLEOD	AUS	7:25.26
13	F.MCKILLIGAN	CAN	7:27.24
14	SACHIKO TAKADA	JPN	7:31.30
15	SETSUKO YAMAZAKI	JPN	7:36.48
16	YOUKO TAMURA	JPN	7:39.98
17	KIYOKO IKEUCHI	JPN	7:42.15
18	KATHRYN RATTRAY	CAN	7:47.18
19	ICHIKO SAKAMOTO	JPN	7:52.38
20	HIROKO YAMABE	JPN	7:53.51
21	SEIKO SUGIYAMA	JPN	7:56.03
22	MARIA FERNANDES	BRA	8:00.09
23	YOSHIKO MIYAMOTO	JPN	8:04.33
24	JEAN WILD	AUS	8:04.70
25	FUMIKA HARANO	JPN	8:06.22
26	KIMIKO ASAKURA	JPN	8:06.50
27	YOSHIKO SHIMIZU	JPN	8:18.36
28	MICHIKO TSUNODA	JPN	8:31.65
29	YUKIKO KUMAGAI	JPN	8:33.43



I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

30 KIYOKO USUDA JPN 9:23.24
31 JOYCE MITCHELL AUS 10:46.15

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

1 LINNE WEIR USA 11:21.32
2 DAWN FRASER AUS 12:01.92
3 JUTTA SEIDL FRG 12:17.24
4 MARGARET SMITH AUS 12:36.93
5 BETSY JORDAN USA 13:06.57
6 KAZUKO KOYAMA JPN 13:47.54
7 LYN EDEBONE AUS 13:48.67
8 ETSUKO NAKAI JPN 13:56.13
9 ALISON LEACH NZL 14:21.11
10 YAEKO YAMAGUCHI JPN 14:24.00
11 JOAN MCLEOD AUS 15:04.43
12 SACHIKO TAKADA JPN 15:33.01
13 KIYOKO NISHIO JPN 15:36.77
14 KATHRYN RATTRAY CAN 15:44.56
15 ICHIKO SAKAMOTO JPN 16:04.80
16 YOSHIKO MIYAMOTO JPN 16:14.32
17 JEAN WILD AUS 16:18.13
18 FUMIKA HARANO JPN 16:23.57
19 HIROKO YAMABE JPN 16:47.91
20 YUKIKO KUMAGAI JPN 17:11.15
21 YOSHIKO NAKAJIMA JPN 17:32.98
22 KAZUKO TANIGAWA JPN 17:52.75
23 YORIKO MATSUMOTO JPN 17:58.07
24 JUDITH WINSLADE AUS 18:26.17
25 YOSHIKO KOBAYASHI JPN 18:55.38
26 TEIKO ARAKI JPN 20:20.93

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

1 BETSY JORDAN USA 38.09
2 SYLVIA BRAMHAM GBR 39.83
3 SHIGEKO TAKESHIMA JPN 40.40
4 VERALUCIA SILVA BRA 40.91
5 SPERRY RADEMAKER USA 41.12
6 ALICE KINNAIRD AUS 41.56
7 EDITH MARKIE NZL 43.38
8 JACQUELINE ODLUM CAN 43.47
9 FUMIKO SHINDOH JPN 44.49
10 AKIKO KATAOKA JPN 45.18
11 TSUNEKO YONEKURA JPN 45.98
11 TERUKO MURANO JPN 45.98
13 TIZU SATO BRA 46.31
14 YUKIKO SHIMOI JPN 46.40
15 FUMIKO OOTANI JPN 46.59
16 NOBUE KAMINISHI JPN 46.96
17 HIDEKO YOSHIKAWA JPN 47.33
18 MASAKO KANENAGA JPN 48.21
19 ERNESTINE BEATTIE USA 48.25
20 SETSUKO KURODA JPN 48.73
21 MIYUKI WATANABE JPN 48.75
22 MIYOKO MATSUMOTO JPN 49.33
23 PAULA GIBBS AUS 51.15
24 HIROKO FUJIMOTO JPN 51.18
25 HIROKO MIWA JPN 51.25
26 MARIA FERNANDES BRA 51.26
27 HIROKO ITOU JPN 51.62
28 MASAKO YAMAGUCHI JPN 51.84
29 JYUNKO AOYAGI JPN 51.93
30 MARION JENSEN AUS 51.99
31 KUNIKO YAMAZAKI JPN 52.02
32 TSUNEKO YOSHIDA JPN 52.54
33 SUSAN DEARBORN USA 52.66

34 YURIKO SUZUKI JPN 53.07
35 TAKAKO ANDOH JPN 53.14
36 EIKO KATSUMATA JPN 53.45
37 CHIEKO TOKUDA JPN 54.10
38 CHIYOKO KIRIHARA JPN 54.31
39 YURI SHIMIZU JPN 54.51
40 TOSHIE HOSHINO JPN 55.15
41 KIMIYO TOMITA JPN 55.45
42 HARUE SATOH JPN 55.65
43 KEIKO OKUMURA JPN 56.43
44 MITSUKO IKEDA JPN 56.72
45 YORIKO MATSUMOTO JPN 57.37
46 E.WILLIAMSON NZL 57.75
47 NAOKO SHIMIZU JPN 59.02
48 JUDY MCCURDY USA 1:00.06
49 TONI MIHAILOF NZL 1:00.34
50 YAYOI YASUBA JPN 1:00.62
51 YASUKO SHIBUSAWA JPN 1:00.93
52 KUMI TANEMURA JPN 1:01.25
53 MASAKO MORINO JPN 1:01.85
54 TOMOKO TANAKA JPN 1:02.84
55 HIDEKO ARIKAI JPN 1:03.81
56 SUMIKO TOMITA JPN 1:04.53
57 SHIZUKO TSUKADA JPN 1:04.96
58 KAZUKO TOMITA JPN 1:07.23
59 BETTY CAMERON AUS 1:08.32
60 MASAKO HORI JPN 1:09.96
61 NORIKO YOSHIMURA JPN 1:19.32

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

1 BETSY JORDAN USA 1:24.61
2 SYLVIA BRAMHAM GBR 1:27.81
3 SPERRY RADEMAKER USA 1:29.79
4 ALICE KINNAIRD AUS 1:30.55
5 SHIGEKO TAKESHIMA JPN 1:31.91
6 EDITH MARKIE NZL 1:35.83
7 JACQUELINE ODLUM CAN 1:38.40
8 AKIKO KATAOKA JPN 1:39.37
9 ATSUKO TEGAWA JPN 1:42.36
10 KATHRYN RATTRAY CAN 1:42.75
11 VAL LYNCH AUS 1:43.48
12 YUKIKO SHIMOI JPN 1:47.17
13 MIYUKI WATANABE JPN 1:50.22
14 F.MCKILLIGAN CAN 1:50.54
15 TAKEKO MIZUNO JPN 1:51.08
16 MARION JENSEN AUS 1:56.19
17 PAULA GIBBS AUS 1:58.17
18 KAZUKO TANIGAWA JPN 2:05.19
19 EIKO KATSUMATA JPN 2:09.61
20 KAZUKO SHICHIDA JPN 2:15.64
21 TAKAKO SUGIURA JPN 2:17.53

WOMEN -- 45-49 -- 200 M. BACK

1 BETSY JORDAN USA 3:03.34
2 SPERRY RADEMAKER USA 3:15.56
3 SHIGEKO TAKESHIMA JPN 3:18.89
4 SYLVIA BRAMHAM GBR 3:19.59
5 MARGARET SMITH AUS 3:21.63
6 ALICE KINNAIRD AUS 3:27.51
7 JACQUELINE ODLUM CAN 3:28.34
8 EDITH MARKIE NZL 3:30.73
9 VAL LYNCH AUS 3:43.51
10 FUMIKO SHINDOH JPN 3:44.29
11 HIROKO YAMABE JPN 3:51.12
12 YOSHIE OOTOMO JPN 3:59.76

13 F.MCKILLIGAN CAN 4:00.82
14 LYN EDEBONE AUS 4:05.62
15 ICHIKO SAKAMOTO JPN 4:12.66
16 TOMIYO KAWAKAMI JPN 4:36.90
17 JOYCE MITCHELL AUS 5:52.62

WOMEN -- 45-49 -- 50 M. BRST

1 GLORIA ROBINSON AUS 42.92
2 KAZUKO KAJIWARA JPN 43.23
3 BARBARA DREHER USA 44.48
4 VERALUCIA SILVA BRA 44.55
5 TOMOKO ASAHII JPN 45.30
6 YAEKO YAMAGUCHI JPN 45.62
7 DORIS WRIGHT NZL 45.66
8 YOSHIKO OKUTOMI JPN 45.83
9 HELEN GEOFFRION USA 46.14
10 K.TATSUKOSHI JPN 46.27
11 SATOKO SUZUKI JPN 46.35
12 VAL LYNCH AUS 47.10
13 CYNTHIA ANDRADE BRA 47.18
14 KANEKO UMEMOTO JPN 47.51
15 YAE HASEGAWA JPN 48.71
16 TSUNEKO YONEKURA JPN 49.41
17 KEIKO NARITA JPN 49.53
18 YOHKO ICHIE JPN 49.67
19 KEIKO NAKANO JPN 49.69
20 KATSUMI SASAKI JPN 50.02
21 PAULINE WINGATE AUS 50.44
22 AYAKO HAYASHI JPN 50.48
23 SHOKO UENO JPN 50.57
24 KAZUKO ABE JPN 50.75
25 SETSUKO GOTOH JPN 50.80
26 YUKO WATARAI JPN 51.11
27 ERNESTINE BEATTIE USA 51.15
28 KIMIKO ASAKURA JPN 51.59
29 MEIKO NISHIKAWA JPN 52.38
30 AYAKO SHIBUSAWA JPN 52.55
31 HIROKO FUJIMOTO JPN 52.94
32 YUKIKO SHIMOI JPN 53.28
33 KAZUKO TOMITA JPN 53.66
34 REIKO KATOH JPN 53.81
35 KIYOKO UEDA JPN 53.85
36 SETSUKO MORITA JPN 54.00
37 MASAKO KANENAGA JPN 54.27
38 SHIZUKO ASADA JPN 54.31
39 MUTSUMI OKADA JPN 55.30
40 NAOKO SHIMIZU JPN 56.53
41 HIROKO ITOU JPN 56.68
42 SAKAE BABA JPN 57.11
43 MEIKO ENJOY JPN 57.18
44 SAE KATOH JPN 57.37
45 BETTY CAMERON AUS 58.18
46 TOMOKO TANAKA JPN 58.20
47 JUMKO MARUYAMA JPN 59.29
48 KEIKO YAMAMOTO JPN 1:00.22
49 YAYOI YASUBA JPN 1:01.10
50 TOMOKO YASUKAWA JPN 1:02.31
51 FUMIKO MINESHIMA JPN 1:02.62
52 AKEMI YOSHIDA JPN 1:03.44
53 TONI MIHAILOF NZL 1:04.72
54 MASAKO MORINO JPN 1:05.36
55 TOMIE KIKUCHI JPN 1:05.48
56 CHIYOKO OKUMURA JPN 1:06.29
57 MAKIKO HIRAYAMA JPN 1:07.31
58 MIEKO NAKAYAMA JPN 1:08.02
59 NORMA ANDERSEN AUS 1:08.69



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SWIMMING RESULTS - WOMEN

60 NAKO HIRANO JPN 1:11.67
61 JOYCE MITCHELL AUS 1:15.15
62 HIDEKO ARIKAI JPN 1:18.73
63 YOSHIE KUSAKA JPN 1:22.34

WOMEN -- 45-49 -- 100 M. BRST *****

1 GLORIA ROBINSON AUS 1:35.28
2 TOMOKO ASAHI JPN 1:35.81
3 KAZUKO KAJIWARA JPN 1:37.70
4 DORIS WRIGHT NZL 1:39.08
5 BARBARA DREHER USA 1:39.34
6 CYNTHIA ANDRADE BRA 1:41.99
7 VAL LYNCH AUS 1:44.48
8 TSUNEO YONEKURA JPN 1:46.68
9 YAE HASEGAWA JPN 1:48.97
10 HELEN GEOFFRION USA 1:49.63
11 KIMIKO ASAKURA JPN 1:49.84
12 YOHKO ICHIE JPN 1:50.25
13 KATSUMI SASAKI JPN 1:50.53
14 TERUYO OUCHI JPN 1:50.53
15 SETSUKO MIYAUCHI JPN 1:50.79
16 KEIKO NAKANO JPN 1:53.71
17 HIROMI NAKAZAWA JPN 1:54.41
18 MASAKO YONEKAWA JPN 1:55.53
19 AYAKO HAYASHI JPN 1:56.73
20 YASUKO HIRAMATSU JPN 1:57.05
21 MUTSUMI OKADA JPN 1:59.23
22 TAKAKO MATSUMOTO JPN 1:59.46
23 KAZUKO TANIGAWA JPN 2:00.62
24 REIKO KATOH JPN 2:01.15
25 TEIKO ARAKI JPN 2:02.94
26 TERUKO ICHIKI JPN 2:21.63
27 MIEKO KANEKO JPN 2:34.58
28 YAYOI YASUBA JPN 2:41.65

WOMEN -- 45-49 -- 200 M. BRST *****

1 GLORIA ROBINSON AUS 3:27.12
2 TOMOKO ASAHI JPN 3:28.36
3 BARBARA DREHER USA 3:35.88
4 KAZUKO KAJIWARA JPN 3:35.99
5 CYNTHIA ANDRADE BRA 3:42.14
6 VAL LYNCH AUS 3:43.86
7 TERUYO OUCHI JPN 3:55.92
8 SACHIKO TAKADA JPN 3:58.04
9 C.TATEBAYASHI JPN 3:58.92
10 KEIKO SEO JPN 3:59.11
11 KIMIKO ASAKURA JPN 4:09.03
12 YAE HASEGAWA JPN 4:09.45
13 SUSAN DEARBORN USA 4:10.21
14 ICHIKO SAKAMOTO JPN 4:16.80
15 KAZUKO TOMITA JPN 4:20.86
16 MICHIO OGIWARA JPN 4:25.32
17 JUDITH WINSLADE AUS 4:26.66
18 MASAKO YONEKAWA JPN 4:29.02
19 BETTY CAMERON AUS 4:53.65
20 SETSUKO YAMANE JPN 4:55.94
21 SUMIE OOMURA JPN 5:00.62
22 KAZUKO KOUNO JPN 5:01.74
23 JOYCE MITCHELL AUS 5:36.60

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

1 JUTTA SEIDL FRG 36.85
2 SPERRY RADEMAKER USA 37.88
3 VERALUCIA SILVA BRA 40.24

4 ETSUKO NAKAI JPN 40.70
5 AYAKO TAKAKUWA JPN 40.85
6 KANEKO UMEMOTO JPN 40.86
7 K.TATSUKOSHI JPN 41.02
8 JEANNE LITTLE USA 41.71
9 TOMOKO ASAHI JPN 42.00
10 DORIS WRIGHT NZL 42.62
11 HELEN GEOFFRION USA 43.03
12 TERUKO MURANO JPN 43.36
13 KAZUKO KOYAMA JPN 43.76
14 TIZU SATO BRA 44.45
15 ETSUKO HIRAMATSU JPN 44.59
16 KYOKO NIMURA JPN 45.40
17 ERNESTINE BEATTIE USA 45.46
18 FUMIKO NAKAMURA JPN 45.50
19 LORRETTA SCHMIDT USA 45.66
20 EMIKO TSUJIMOTO JPN 46.47
21 SETSUKO YAMANE JPN 47.00
22 TSUNEO YOSHIDA JPN 47.02
23 YAYOI TORIYAMA JPN 47.20
24 KATHRYN RATRAY CAN 47.45
25 AIKO TAKENOBU JPN 49.06
26 ATSUKO TEGAWA JPN 49.07
27 LYN EDEBONE AUS 49.15
28 EDITH MARKIE NZL 49.40
29 MASAKO KANENAGA JPN 49.70
30 SETSUKO KURODA JPN 50.31
31 ALICE KINNAIRD AUS 51.09
32 YOSHIE HASEGAWA JPN 51.17
33 JANETTE PICTON JPN 53.05
34 YOSHIKO FUKUTOMI JPN 53.20
35 KAZUKO SHICHIDA JPN 56.07
36 KAZUKO KAICHI JPN 56.27
37 MIYA ANDOU JPN 56.83
38 KAZUKO MASUYAMA JPN 58.28
39 HISA MAEKAWA JPN 58.39
40 KATSUKO IWAKI JPN 58.40
41 JUDITH WINSLADE AUS 1:04.58
42 YUKO MARUYAMA JPN 1:13.06

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

1 JUTTA SEIDL FRG 1:25.95
2 TOMOKO ASAHI JPN 1:34.27
3 BARBARA DREHER USA 1:39.66
4 JEANNE LITTLE USA 1:42.99
5 MARGARET SMITH AUS 1:47.57
6 YURI SHIMIZU JPN 1:53.50
7 HELEN GEOFFRION USA 1:54.24
8 KAZUKO ABE JPN 2:07.92
9 YOSHIKO FUKUTOMI JPN 2:08.78
10 HIROKO YAMABE JPN 2:13.38
11 JANETTE PICTON JPN 2:25.86

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

1 JUTTA SEIDL FRG 3:19.65
2 BARBARA DREHER USA 3:49.07
3 JACQUELINE ODLUM CAN 3:49.69
4 MARGARET SMITH AUS 4:00.42
5 ALISON LEACH NZL 4:03.48
6 JEANNE LITTLE USA 4:06.98
7 KAZUKO ABE JPN 4:53.61
8 JANETTE PICTON JPN 5:59.96

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

1 LINNE WEIR USA 3:07.58
2 JUTTA SEIDL FRG 3:09.03
3 BETSY JORDAN USA 3:22.28
4 K.TATSUKOSHI JPN 3:27.01
5 JACQUELINE ODLUM CAN 3:33.83
6 ALISON LEACH NZL 3:35.49
7 MARGARET SMITH AUS 3:38.43
8 ALICE KINNAIRD AUS 3:55.99
9 TOMOKO MASADA JPN 3:57.24
10 KEIKO NAKANO JPN 4:01.87
11 EDITH MARKIE NZL 4:04.67
12 MITSUKO NOMURA JPN 4:08.52
13 ICHIKO SAKAMOTO JPN 4:11.03
14 HIROKO YAMABE JPN 4:16.84
15 JUDITH WINSLADE AUS 4:32.92
16 JANETTE PICTON AUS 4:55.80

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

1 MARJORY MOQUADE AUS 34.07
2 HISAKO SATOH JPN 34.71
3 KAY EASUN CAN 36.35
4 ANNE STANLEY NZL 37.14
5 BEVERLEY STRUDLET NZL 37.31
6 MISAKO KIMOTO JPN 37.46
7 LIRA ALVES PENHA BRA 37.50
8 KATSUKO KAGEYAMA JPN 37.91
9 PATRICIA REES AUS 38.68
10 KUNIE YAMAMOTO JPN 38.81
11 AKIKO SHIONO JPN 38.84
12 YUKO HIYAKKOKU JPN 39.38
13 JEANETTE BARKER NZL 39.43
14 TOKIKO FUKUMOTO JPN 41.01
15 KYOKO HIGURASHI JPN 41.03
16 KEIKO UEKI JPN 41.06
17 YASUKO NAKANISHI JPN 41.21
18 TOSHIE ENDOH JPN 41.28
19 KYOKO KITAGAWA JPN 41.35
20 FUSAKO TAKASHITA JPN 41.63
21 KAZUKO OKAGAWA JPN 42.39
21 HERNANDEZ ROSAURA MEX 42.39
23 TERUKO UEDA JPN 43.04
24 YOSHIKO YOSHIDA JPN 43.34
25 NOBUKO MIGITA JPN 43.48
26 YOSHIKO OGATA JPN 43.68
27 MACHIKO ATSUTA JPN 43.70
28 YUKO SHIYAKUMOTO JPN 44.05
29 MIHOKO EMURA JPN 44.21
30 TOSHIO KATOH JPN 44.35
31 TATSUKO KITAGAWA JPN 44.62
32 MIWAKO TAKEUCHI JPN 44.81
33 KANEKO YOSHIKAWA JPN 45.93
34 SHIYUKO YAMASHITA JPN 46.18
35 SHIGEMI MIZUNO JPN 46.36
36 YUKIE KAWASHITA JPN 46.42
37 KATSUYO FURIHARA JPN 46.60
38 SACHIKO HAYASHI JPN 46.72
38 YASUKO NAKANO JPN 46.72
40 MARGARET NEPIA NZL 48.16
41 FUSAKO MORIYAMA JPN 48.29
42 REIKO UKAI JPN 48.38
43 KAZUKO ARAKAWA JPN 48.84
44 MASAKO SUDA JPN 48.85
45 REIKO KATAYAMA JPN 49.05
46 KAORUKO IMASATO JPN 49.23
47 FUSAKO KONDOH JPN 49.36
48 KAORU NAKAMURA JPN 49.48



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SWIMMING RESULTS - WOMEN

49 FUSAKO SAITOH	JPN	49.77	41 KIYOKO MATSUMOTO	JPN	2:04.81	10 NGAIRE PRENTICE	NZL	15:26.72
50 SUMAKO YOSHINO	JPN	50.00	*****			11 MIHOKO EMURA	JPN	15:37.63
51 KEIKO BABA	JPN	50.04	WOMEN -- 50-54 -- 200 M. FREE			12 MOTO IMANISHI	JPN	15:39.63
52 YASUKO FUJITA	JPN	50.32	*****			13 SETSUKO TSUMURA	JPN	15:40.59
53 KIWAKO FUJITA	JPN	50.39	1 BARBARA WILSON	AUS	2:54.61	14 TOSHIE AMEMIYA	JPN	15:48.56
54 KIYOKO MATSUMOTO	JPN	50.54	2 HISAKO SATOH	JPN	2:58.09	15 AUDREY ROSBERG	USA	15:59.30
55 TOMOKO NEREI	JPN	50.80	3 ADRIENNE PIPES	USA	3:06.36	16 KASUMI ISHIKAWA	JPN	16:29.08
56 SHOKO KAMIBAYASHI	JPN	51.96	4 KAY EASUN	CAN	3:06.71	17 TAKAKO MAEDA	JPN	16:33.70
57 FUSAKO YAMAGUCHI	JPN	52.33	5 MARLENE MENDES	BRA	3:10.18	18 CARRUSA COARAZA	MEX	17:14.18
58 JYUNKO HASHIMOTO	JPN	52.61	6 KEIKO FUJIMOTO	JPN	3:15.51	19 FUSAKO MORIYAMA	JPN	17:57.09
59 KYOKO MATSUMOTO	JPN	53.18	7 CHIE NAMIKI	JPN	3:17.49	*****		
60 HIROKO KATOH	JPN	53.33	8 BEVERLEY STRUDLEY	NZL	3:19.26	WOMEN -- 50-54 -- 50 M. BACK		
61 ITSUKO YOSHIDA	JPN	54.45	9 SHIGEKI IMOTO	JPN	3:25.79	*****		
62 UMEKO KANASASHI	JPN	54.52	10 FRANCES MCINTOSH	CAN	3:33.19	1 WALDIE GRAY	CAN	40.27
63 KIYOKO NAKASONE	JPN	55.87	11 HERNANDEZ ROSAURA	GBR	3:33.85	2 MARJORY MOQUADE	AUS	42.09
64 KINUKO ODA	JPN	56.27	12 KIMIKO YOSHINAGA	JPN	3:34.23	3 MARCIA RIBEIRO	BRA	42.93
65 MITSUE OOWADA	JPN	56.46	13 KAZUKO UEDA	JPN	3:37.62	4 MISAKO KIMOTO	JPN	44.27
66 VIRIGINIA CLARK	USA	57.94	14 MIHOKO EMURA	JPN	3:37.70	5 PATRICIA REES	AUS	46.15
67 KEIKO TATEUMA	JPN	59.39	15 YOSHI OGAWA	JPN	3:39.41	6 KUNIE YAMAMOTO	JPN	48.25
68 TESS RUSHTON	NZL	1:01.46	16 MINATO KIMURA	JPN	3:41.44	7 MISUKO KIKUCHI	JPN	48.80
69 YOHKO INOUE	JPN	1:06.31	17 WEZ SHADRICK	USA	3:52.45	8 KATSUKO KAGEYAMA	JPN	49.09
70 KYOKO IWAI	JPN	1:12.77	18 YOHKO UCHIDA	JPN	3:55.03	9 RITSUKO KATOH	JPN	49.53
71 JYUNKO OKUDA	JPN	1:13.45	19 TOSHIE YOSHIDA	JPN	4:03.75	10 YOSHIKO YOSHIDA	JPN	50.07
72 EIKO MORITA	JPN	1:16.98	20 TOSHIE ASAH	JPN	4:21.24	11 ILSE KAISER	FRG	50.19
*****			21 MAVIS MORRISON	AUS	4:35.62	12 CARRUSA COARAZA	MEX	50.46
WOMEN -- 50-54 -- 100 M. FREE			*****			13 MASAKO HOSHINO	JPN	50.89
*****			WOMEN -- 50-54 -- 400 M. FREE			14 KAZUKO UEDA	JPN	51.17
*****			*****			15 ITSUKO KATSUBE	JPN	51.95
1 JAYNE BRUNER	USA	1:11.24	1 BARBARA WILSON	AUS	6:03.14	16 TOSHIKO KATOH	JPN	52.43
2 MARJORY MOQUADE	AUS	1:18.54	2 HISAKO SATOH	JPN	6:22.30	17 NOBUKO TANDOH	JPN	52.97
3 HISAKO SATOH	JPN	1:18.94	3 ADRIENNE PIPES	USA	6:45.38	18 YOSHI OGAWA	JPN	53.08
4 BARBARA WILSON	AUS	1:20.00	4 KAY EASUN	CAN	6:45.89	19 SHIZUYO TAKEMATSU	JPN	53.26
5 KAY EASUN	CAN	1:24.22	5 KEIKO FUJIMOTO	JPN	6:49.33	20 KEIKO SAIKI	JPN	53.86
6 ANNE STANLEY	NZL	1:24.85	6 MARLENE MENDES	BRA	6:50.51	21 HERNANDEZ ROSAURA	GBR	54.09
7 AKIKO SHIONO	JPN	1:27.08	7 MARCIA RIBEIRO	BRA	6:54.28	22 YASUKO NAKANISHI	JPN	54.24
8 BEVERLEY STRUDLET	NZL	1:27.32	8 BEVERLEY STRUDLEY	NZL	6:58.09	23 YASUKO ISHIZEKI	JPN	57.13
9 KEIKO FUJIMOTO	JPN	1:29.67	9 CHIE NAMIKI	JPN	7:00.28	24 MINATO KIMURA	JPN	57.30
10 SHIGEKI IMOTO	JPN	1:31.31	10 IKUE OGATA	JPN	7:10.59	25 M. PICKERING	CAN	57.67
11 HIROKO SHIGETOMI	JPN	1:31.88	11 HIROKO TAKANO	JPN	7:18.93	26 FUSAKO YAMAGUCHI	JPN	58.01
12 CHIE NAMIKI	JPN	1:33.84	12 LIRA ALVES PENHA	BRA	7:23.32	27 SUMAKO YOSHINO	JPN	59.34
13 KATSUKO KAGEYAMA	JPN	1:34.40	13 PATRICIA REES	AUS	7:23.82	28 SUEKO KITA	JPN	1:00.18
14 YOSHI OGAWA	JPN	1:35.22	14 MOTO IMANISHI	JPN	7:24.71	29 KATSUYO FURIHARA	JPN	1:00.40
15 YOHKO HIYAKKOKU	JPN	1:35.91	15 FRANCES MCINTOSH	CAN	7:25.70	30 SACHIKO MORI	JPN	1:01.89
16 YOSHIKO SHIMIZU	JPN	1:36.05	16 SETSUKO TSUMURA	JPN	7:30.23	31 TOMIKO OOHASHI	JPN	1:01.95
17 FUSAKO TAKASHITA	JPN	1:36.72	17 TOSHIE AMEMIYA	JPN	7:36.31	32 KOUKO MOROOKA	JPN	1:03.05
18 HERNANDEZ ROSAURA	MEX	1:36.79	18 JEANETTE BARKER	NZL	7:37.73	33 KINUKO ODA	JPN	1:03.29
19 REIKO ISOBE	JPN	1:37.20	19 MIHOKO EMURA	JPN	7:38.42	34 KAYOKO KAWAZOE	JPN	1:06.26
20 TOSHIE ENDOH	JPN	1:37.39	20 KIMIKO YOSHINAGA	JPN	7:39.00	35 MARGARET NEPIA	NZL	1:06.30
21 NOBUKO MIGITA	JPN	1:38.68	21 HERNANDEZ ROSAURA	MEX	7:39.93	36 JYUNKO HASHIMOTO	JPN	1:08.44
22 MIHOKO EMURA	JPN	1:39.35	22 TAKAKO MAEDA	JPN	7:52.79	37 CHIEKO HAYAKAWA	JPN	1:09.19
23 YASUKO NAKANISHI	JPN	1:39.41	23 YOHKO UCHIDA	JPN	8:16.16	38 MICHIKO ASAKURA	JPN	1:11.48
24 MARIETTA KAHL	USA	1:39.46	24 YOSHIKO TSUCHIDA	JPN	8:21.14	39 TOSHIKO FUKUOKS	JPN	1:17.37
25 KAZUKO UEDA	JPN	1:39.59	25 CARRUSA COARAZA	MEX	8:28.57	*****		
26 YOHKO SHIYAKUMOTO	JPN	1:41.07	26 KAHORU NAKAMURA	JPN	8:39.64	WOMEN -- 50-54 -- 100 M. BACK		
27 YOSHIKO OGATA	JPN	1:41.38	27 TOSHIE ASAH	JPN	9:17.86	*****		
28 WEZ SHADRICK	USA	1:42.81	*****			1 WALDIE GRAY	CAN	1:31.81
29 HIROKO MOROSHIMA	JPN	1:46.92	WOMEN -- 50-54 -- 800 M. FREE			2 MARCIA RIBEIRO	BRA	1:35.83
30 YOHKO UCHIDA	JPN	1:47.82	*****			3 MARLENE MENDES	BRA	1:37.49
31 KASUMI ISHIKAWA	JPN	1:49.66	1 BARBARA WILSON	AUS	12:31.94	4 MISAKO KIMOTO	JPN	1:42.56
32 YOSHIKO KONDOH	JPN	1:52.24	2 HISAKO SATOH	JPN	13:00.35	5 RITSUKO KATOH	JPN	1:48.20
33 REIKO KATAYAMA	JPN	1:53.48	3 ADRIENNE PIPES	USA	13:37.50	6 KIMIKO YOSHINAGA	JPN	1:50.40
34 TERUKO ISHIKAWA	JPN	1:53.57	4 KAY EASUN	CAN	13:57.57	7 PATRICIA REES	AUS	1:50.77
35 FUSAKO KONDOH	JPN	1:54.20	5 MARLENE MENDES	BRA	14:14.31	8 FRANCES MCINTOSH	CAN	1:56.06
36 SUMAKO YOSHINO	JPN	1:56.18	6 KEIKO FUJIMOTO	JPN	14:15.62	9 KEIKO SAIKI	JPN	1:56.40
37 TAEKO AOKI	JPN	1:59.56	7 CHIE NAMIKI	JPN	14:20.32	10 MACHIKO ATSUTA	JPN	1:57.57
38 YOHKO MIURA	JPN	1:59.97	8 IKUE OGATA	JPN	14:26.53	11 NOBUKO SAKAGUCHI	JPN	1:57.96
39 CHIEKO MIZUNO	JPN	2:00.05	9 FRANCES MCINTOSH	CAN	15:20.42	12 NOBUKO TANDOH	JPN	1:58.98
40 SHIZUYO TAKEMATSU	JPN	2:03.78						



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SWIMMING RESULTS - WOMEN

13 TOSHIKO KATOH JPN 1:59.52
14 KAZUKO FUJITA JPN 2:03.91
15 MAVIS MORRISON AUS 2:35.88

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

1 WALDIE GRAY CAN 3:17.41
2 MARLENE MENDES BRA 3:27.03
3 MARCIA RIBEIRO BRA 3:34.39
4 MISAOKO KIMOTO JPN 3:50.57
5 CARRUSA COARAZA MEX 3:59.31
6 KEIKO FUJIMOTO JPN 4:01.66
7 FRANCES MCINTOSH CAN 4:07.53
8 PATRICIA REES AUS 4:08.77
9 TOSHIKO KATOH JPN 4:10.68
10 REIKO ISOBE JPN 4:23.76
11 MARIETTA KAHL USA 4:31.16
12 KAYAKO KAWAZOE JPN 6:06.80

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

1 JAYNE BRUNER USA 40.22
2 WALDIE GRAY CAN 46.99
3 ANNE STANLEY NZL 48.51
4 YASUKO TSUCHIYA JPN 48.60
5 EIKO SUZUKI JPN 48.93
6 MARCIA RIBEIRO BRA 49.01
7 JENNIE MACK AUS 49.08
8 HIROKO TAKANO JPN 50.39
9 TOMOKO NEREI JPN 50.71
10 KIIYOMI KATOH JPN 50.89
11 RITSUKO KATOH JPN 51.23
12 JOAN LAVARIS NZL 51.31
13 JEANETTE BARKER NZL 51.72
14 NOBUKO SAKAGUCHI JPN 54.55
15 YASUKO ISHIZEKI JPN 54.69
16 TOSHIE AMEMIYA JPN 54.77
17 YOSHIKO SHIMIZU JPN 55.00
18 YOSHI OGAWA JPN 55.02
19 TOSHIKO KATOH JPN 55.47
20 KOUKO MOROOKA JPN 55.85
21 KANEKO YOSHIKAWA JPN 56.47
22 JANETTE PATERSON GBR 56.64
23 SAYURI WADA JPN 56.66
24 MINAKO SAWAI JPN 56.86
25 MASAKO SUDA JPN 57.09
26 CHIRAKO SUZUKI JPN 57.41
27 FUMIKO IJIMA JPN 58.14
28 KEIKO KANATANI JPN 58.68
29 CHIEKO HAYAKAWA JPN 1:00.00
30 KIWAKO FUJITA JPN 1:00.56
31 KEIKO HASHIMOTO JPN 1:00.71
32 MARGARET MCCLURE NZL 1:02.49
33 TAEKO AOKI JPN 1:03.38
34 ETSUKO DOI JPN 1:03.83
35 KAORUKO IMASATO JPN 1:05.16
36 KAZUKO SHUZUI JPN 1:05.59
37 MARGARET NEPIA NZL 1:06.16
38 TESS RUSHTON NZL 1:06.70
39 MITSUKO SHINKAWA JPN 1:07.73
40 FUSAKO KONDOH JPN 1:12.85
41 HIROKO YAMADA JPN 1:13.30
42 ETSUKO TANIGAWA JPN 1:13.94
43 VIREINIA CLARK USA 1:14.60
44 CHIKAKO MINOGUCHI JPN 1:21.72
45 EIKO MORITA JPN 1:38.97

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

1 JAYNE BRUNER USA 1:32.18
2 JUDIE OLIVER CAN 1:44.22
3 WALDIE GRAY CAN 1:44.62
4 YASUKO TSUCHIYA JPN 1:45.35
5 JENNIE MACK AUS 1:47.35
6 ANNE STANLEY NZL 1:49.08
7 RITSUKO IWATSUKI JPN 1:49.78
8 SETSUKO TSUMURA JPN 1:52.48
9 JEANETTE BARKER NZL 1:54.25
10 TOMOKO NEREI JPN 1:54.70
11 JOAN LAVARIS NZL 1:55.26
12 YASUKO ISHIZEKI JPN 2:00.76
13 FUMIKO IJIMA JPN 2:04.34
14 KIKUKO NAGASAWA JPN 2:06.04
15 KOUKO MOROOKA JPN 2:07.36
16 KIIYOKO KITANO JPN 2:08.94
17 MARGARET MCCLURE NZL 2:13.03
18 MASAKO SUDA JPN 2:13.47
19 KEIKO HASHIMOTO JPN 2:13.54
20 YASUKO NOMURA JPN 2:15.50
21 MAVIS MORRISON AUS 2:29.46

WOMEN -- 50-54 -- 200 M. BRST

1 YASUKO TSUCHIYA JPN 3:46.65
2 RITSUKO IWATSUKI JPN 3:54.68
3 SETSUKO TSUMURA JPN 3:58.41
4 ANNE STANLEY NZL 4:00.80
5 JENNIE MACK AUS 4:01.29
6 NGAI PRENTICE NZL 4:01.84
7 TERU YOSHIKAWA JPN 4:02.18
8 JEANETTE BARKER NZL 4:03.54
9 JOAN LAVARIS NZL 4:11.62
10 YOSHIKO SHIMIZU JPN 4:24.55
11 CHIYOKO YOSHIMURA JPN 4:27.06
12 MEIKA OOHARA JPN 4:27.09
13 IKUKO KIMURA JPN 4:28.01
14 KOUKO MOROOKA JPN 4:28.86
15 YASUKO ISHIZEKI JPN 4:29.10
16 FUMIKO IJIMA JPN 4:30.09
17 TOSHIE YOSHIDA JPN 4:31.87
18 MARGARET MCCLURE NZL 4:38.14
19 YASUKO NOMURA JPN 4:44.91
20 CHIRAKO SUZUKI JPN 4:45.24
21 YOSHIKO YOSHIDA JPN 4:48.62
22 KAZUKO YAMAMOTO JPN 5:11.33
23 ELINOR MACKENZIE AUS 5:20.35

WOMEN -- 50-54 -- 50 M. FLY

1 JUDIE OLIVER CAN 40.16
2 MISAOKO KIMOTO JPN 40.73
3 ADRIENNE PIPES USA 44.92
4 KYOKO HIGURASHI JPN 45.63
5 KATSUKO KAGEYAMA JPN 46.24
6 MISUKO KIKUCHI JPN 46.93
7 FUSAKO TAKASHITA JPN 47.63
8 SHIGEKO IMOTO JPN 49.51
9 TERUKO ISHIKAWA JPN 50.02
10 YASUKO ISHIZEKI JPN 51.86
11 KIIYOMI KATOH JPN 52.01
12 RITSUKO KATOH JPN 53.21
13 YUKO HIYAKOKU JPN 53.44
14 WEZ SHADRICK USA 54.07
15 YOSHIKO SHIMIZU JPN 55.34

16 SHIGE AYUKAWA JPN 55.69
17 MIWAKO TAKEUCHI JPN 58.28
18 KAZUKO OKAGAWA JPN 59.80
19 AUDREY ROSBERG USA 1:00.01
20 YOSHIKO OGATA JPN 1:02.52
21 SAYURI WADA JPN 1:03.63
22 KIIYOKO FUSE JPN 1:04.79
23 KAZUKO IWATA JPN 1:05.52
24 AKIKO KOYA JPN 1:09.23

WOMEN -- 50-54 -- 100 M. FLY

1 JAYNE BRUNER USA 1:29.55
2 JUDIE OLIVER CAN 1:35.66
3 ADRIENNE PIPES USA 1:50.57
4 NGAI PRENTICE NZL 1:51.42
5 WEZ SHADRICK USA 1:59.97
6 IKUE OGATA JPN 2:00.80
7 MOTO IMANISHI JPN 2:06.04
8 TAKAKO MAEDA JPN 2:07.34
9 AUDREY ROSBERG USA 2:17.06
10 JENNIE MACK AUS 2:19.83
11 YASUKO NOMURA JPN 2:45.29

WOMEN -- 50-54 -- 200 M. FLY

1 JUDIE OLIVER CAN 3:42.41
2 BARBARA WILSON AUS 3:50.43
3 NGAI PRENTICE NZL 4:01.98
4 TAKAKO MAEDA JPN 5:03.90
5 JENNIE MACK AUS 5:14.15
6 MOTO IMANISHI JPN 5:19.81
7 YASUKO NOMURA JPN 5:59.33

WOMEN -- 50-54 -- 200 M. I.M.

1 JAYNE BRUNER USA 3:08.94
2 JUDIE OLIVER CAN 3:30.72
3 NGAI PRENTICE NZL 3:54.54
4 NOBUKO SAKAGUCHI JPN 4:10.42
5 AUDREY ROSBERG USA 4:22.40
6 NOBUKO TANDOH JPN 4:24.38
7 WEZ SHADRICK USA 4:31.29
8 MOTO IMANISHI JPN 4:31.62
9 YASUKO NOMURA JPN 4:47.14
10 TAKAKO MAEDA JPN 5:01.10

WOMEN -- 55-59 -- 50 M. FREE

1 AKIKO SHIMIZU JPN 33.65
2 MIEKO INOBE JPN 37.64
3 REIKO NAWADA JPN 38.34
4 CHISE IBE JPN 40.02
5 MYRA LARCOMBE NZL 40.55
6 JILL COOK AUS 40.73
7 HEDWIG GROSS FRG 41.36
8 YOHKO KOBAYASHI JPN 41.61
9 KIMIKO RI JPN 42.73
10 KAZUKO NAKAYAMA JPN 43.63
11 YUKO TAKAHASHI JPN 43.82
12 SACHIKO SAITOH JPN 44.40
13 MICKEY SHOCKIEY USA 44.46
14 AKIKO KITAJIMA JPN 44.81
15 KAZUKO KAKIMI JPN 45.26
16 MICHIKO UMETSU JPN 45.51
17 YOSHIKO OOTA JPN 46.08
18 KAZUYO MITANI JPN 46.70



I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

19	CHIZUKO TSUCHIDA	JPN	46.76	29	ZOE SHAND	AUS	1:58.52	15	HIROKO OOTA	JPN	20:34.66
20	YOSHIMI SAIGUSA	JPN	46.99	30	MOTOME MAEJIMA	JPN	1:59.32	16	NATALIE NIELSEN	USA	21:28.70
21	GWENDOLYN MURRAY	AUS	47.05	31	PHIL MARSHALL	AUS	1:59.70	*****			
22	YUKIKO WATANABE	JPN	47.16	32	BETTY GARWOOD	USA	2:02.08		WOMEN -- 55-59 -- 50 M. BACK		
23	AKIE ASANO	JPN	47.42	33	AKIKO ATSUMI	JPN	2:10.76	*****			
24	MAYUMI OGAWAII	JPN	47.44	34	PATRICIA FARR	NZL	2:11.76	1	AKIKO SHIMIZU	JPN	41.15
25	SADAKO KUWAZURU	JPN	47.48	35	YOSHIKO TANIYAMA	JPN	2:18.41	2	ANNE ADAMS	USA	41.37
26	YURIKO INOUE	JPN	47.57	36	MERLE MOORHEAD	AUS	2:20.30	3	JOAN PARNELL	CAN	42.26
27	AIKO KITAGAWA	JPN	47.69	37	IKUKO OOGATA	JPN	2:34.10	4	EDITH BOEHM	FRG	43.73
28	MITSUE YOSHIDA	JPN	47.86	38	JOAN GREGOR	AUS	3:03.83	5	KIMIKO OOOKA	JPN	44.04
29	PHIL MARSHALL	AUS	48.62	*****				6	PRISCILLA LOGAN	NZL	49.02
30	KIKUKO AKIBA	JPN	49.17		WOMEN -- 55-59 -- 200 M. FREE			7	YOSHIKO NISHIMURA	JPN	49.17
31	YASUE YAMAZAKI	JPN	49.62	*****				8	HEDWIG GROSS	FRG	49.50
32	MAYOKO NUMATA	JPN	50.21	1	GAIL ROPER	USA	2:50.75	9	JILL COOK	AUS	50.91
33	SETSU OOGATA	JPN	50.73	2	AKIKO SHIMIZU	JPN	2:51.23	10	IKUKO NAGIRA	JPN	52.89
34	TOSHIKO SATOH	JPN	51.26	3	HELEW EUAWS	AUS	3:05.12	11	YOSHIKO TANIWA	JPN	53.24
35	NATALIE NIELSEN	USA	51.49	4	PATRICIA DOTSON	USA	3:11.15	12	KIMIKO HORIIKE	JPN	53.83
36	YAEKO SUMIDA	JPN	51.93	5	SHIRLEY MALCOLM	AUS	3:23.42	13	LYLA GALVIN	CAN	53.87
37	ZOE SHAND	AUS	51.99	6	MYRA LARCOMBE	NZL	3:33.73	14	SAKAE OUYAMA	JPN	53.95
38	YOSHI ISHIMARU	JPN	52.15	7	BEVERLY DIRKSEN	USA	3:38.63	15	ITOKO KOUNO	JPN	54.51
39	RITSUKO KATOH	JPN	52.73	8	KAYOKO MIZUUCHI	JPN	3:43.87	16	EIKO MIWA	JPN	54.77
40	MEIKO KUWAHARA	JPN	53.43	9	DOROTHY DICKEY	AUS	3:54.54	17	MOTOKO UEHIRA	JPN	55.30
41	KIMIKO OOKUBO	JPN	53.70	10	SADAKO UNUI	JPN	3:54.81	18	GWENDOLYN MURRAY	AUS	55.58
42	COLLEEN WATT	NZL	54.93	11	KIYOKO KOUZU	JPN	3:57.92	19	KAZUKO YOSHIMOTO	JPN	56.18
43	ASAKO KIUCHI	JPN	55.64	12	TAEKO SHIMURA	JPN	4:00.78	20	YOUKO TAKAHASHI	JPN	56.27
44	SACHIKO YOKOYAMA	JPN	56.89	13	MIEKO MIKURIYA	JPN	4:10.79	21	ELIZABETH CAPTEIN	NZL	56.28
45	TOYOKO KITAMURA	JPN	58.34	14	MARIE CAREY	AUS	4:11.01	22	YOSHIKO YAMAUCHI	JPN	57.09
46	MERLE MOORHEAD	AUS	59.36	15	ZOE SHAND	AUS	4:20.95	23	KIMIKO RI	JPN	57.40
47	KAZUE WAKASHIMA	JPN	59.48	16	BETTY GARWOOD	USA	4:24.32	24	BEVERLY DIRKSEN	USA	58.08
48	PATRICIA FARR	NZL	59.53	17	COLLEEN WATT	NZL	4:53.77	25	HIDEKO KITAJIMA	JPN	58.57
49	MARGARET SCOTT	CAN	1:00.29	*****				25	KIKUKO AKIBA	JPN	58.57
50	ISHI YOSHIOKA	JPN	1:01.05		WOMEN -- 55-59 -- 400 M. FREE			27	CHIZUKO TSUCHIDA	JPN	1:00.01
51	SACHIE MAEJIMA	JPN	1:03.19	*****				28	COLLEEN WATT	NZL	1:00.15
52	ELSIE JOHNSON	AUS	1:03.21	1	ANNE ADAMS	USA	6:19.31	29	KIMIKO OOKUBO	JPN	1:00.59
53	INAKO SUZUKI	JPN	1:05.07	2	HELEW EUAWS	AUS	6:32.80	30	MAYUKO OZAWA	JPN	1:00.65
54	TATSUKO SAITOH	JPN	1:06.77	3	SHIRLEY MALCOLM	AUS	7:08.22	31	NATALIE NIELSEN	USA	1:02.95
*****				4	BEVERLY DIRKSEN	USA	7:40.81	32	KIMIKO YAMAMOTO	JPN	1:03.03
	WOMEN -- 55-59 -- 100 M. FREE			5	CHIYO INOUE	JPN	7:40.95	33	ASAKO KIUCHI	JPN	1:03.04
*****				6	KAYOKO MIZUUCHI	JPN	7:45.26	34	MARGARET SCOTT	CAN	1:03.41
1	AKIKO SHIMIZU	JPN	1:15.08	7	TAEKO SHIMURA	JPN	8:13.87	35	TOMOKO ASHIZAWA	JPN	1:04.27
2	HELEW EUAWS	AUS	1:22.02	8	DOROTHY DICKEY	AUS	8:18.68	36	YOHKO SUGIYAMA	JPN	1:09.03
3	REIKO NAWADA	JPN	1:27.82	9	EIKO MIWA	JPN	8:19.02	37	JOAN GREGOR	AUS	1:09.33
4	SHIRLEY MALCOLM	AUS	1:32.99	10	JILL COOK	AUS	8:19.37	38	SACHIKO YOKOYAMA	JPN	1:10.10
5	MIEKO INOBE	JPN	1:33.26	11	DAHLEN NOELINE	AUS	8:31.33	39	PATRICIA FARR	NZL	1:12.33
6	MYRA LARCOMBE	NZL	1:36.27	12	MARIE CAREY	AUS	8:43.39	40	MERLE MOORHEAD	AUS	1:12.58
7	CHISE IBE	JPN	1:36.66	13	KAZUKO ISHIDA	JPN	8:45.03	41	J SYBIL KILLMIER	AUS	1:13.27
8	HEDWIG GROSS	FRG	1:37.11	14	AKIKO WATANABE	JPN	9:19.28	42	IKUKO OOGATA	JPN	1:13.85
9	SAKAE OUYAMA	JPN	1:37.76	15	ZOE SHAND	AUS	9:19.97	43	SYNVIA ROBINSON	AUS	1:32.35
10	YUKIKO SAKAI	JPN	1:38.67	16	REIKO ODAKA	JPN	10:02.76	*****			
11	JILL COOK	AUS	1:38.81	17	COLLEEN WATT	NZL	10:04.34		WOMEN -- 55-59 -- 100 M. BACK		
12	KIYOKO KOUZU	JPN	1:39.06	*****				*****			
13	MIKIKO HONMA	JPN	1:40.85		WOMEN -- 55-59 -- 800 M. FREE			1	ANNE ADAMS	USA	1:32.28
14	MICKEY SHOCKIEY	USA	1:41.29	*****				2	AKIKO SHIMIZU	JPN	1:34.00
15	KAYOKO MIZUUCHI	JPN	1:42.74	1	GAIL ROPER	USA	12:46.42	3	JOAN PARNELL	CAN	1:34.39
16	HARUKO HAYASHI	JPN	1:44.66	2	HELEW EUAWS	AUS	13:07.28	4	KIMIKO OOOKA	JPN	1:35.89
17	YOSHIKO TANIWA	JPN	1:45.11	3	EDIE GRUENDER	USA	14:16.23	5	EDITH BOEHM	FRG	1:40.00
18	MAYUKO OZAWA	JPN	1:45.48	4	SHIRLEY MALCOLM	AUS	15:01.23	6	PRISCILLA LOGAN	NZL	1:48.93
19	MICHIKO UMETSU	JPN	1:46.39	5	KAYOKO MIZUUCHI	JPN	15:23.59	7	GROOT CORRIE	AUS	1:51.95
20	DOROTHY DICKEY	AUS	1:47.69	6	CHIYO INOUE	JPN	15:33.26	8	EIKO MIWA	JPN	1:59.67
21	MICHIKO NISHIOKA	JPN	1:47.74	7	BEVERLY DIRKSEN	USA	15:41.60	9	ELIZABETH CAPTEIN	NZL	2:03.49
22	CHIZUKO TSUCHIDA	JPN	1:49.83	8	UTAYO KIMURA	JPN	17:03.20	10	MARIE CAREY	AUS	2:09.17
23	MARIE CAREY	AUS	1:50.36	9	MIEKO MIKURIYA	JPN	17:07.94	11	HIDEKO KITAJIMA	JPN	2:14.51
24	SADAKO KUWAZURU	JPN	1:52.04	10	MICHIKO NIAHIOKA	JPN	17:29.85	12	DOROTHY DICKEY	AUS	2:19.72
25	KIMIKO YAMAGUCHI	JPN	1:55.49	11	EIKO MIWA	JPN	17:31.95	13	HIDEKO KURATA	JPN	2:22.70
26	HIDEKO NISHIKAWA	JPN	1:56.03	12	AKIKO WATANABE	JPN	17:41.03	14	MERLE MOORHEAD	AUS	2:41.11
27	MAYUMI OGAWAJI	JPN	1:56.77	13	KIMIKO YAMAMOTO	JPN	19:03.70	*****			
28	HIDEKO KITAJIMA	JPN	1:57.92	14	SEIKO ISHIKAWA	JPN	19:09.61		WOMEN -- 55-59 -- 200 M. BACK		



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SWIMMING RESULTS - WOMEN

1 ANNE ADAMS USA 3:26.41
2 JOAN PARNELL CAN 3:28.37
3 KIMIKO OOOKA JPN 3:34.29
4 PATRICIA DOTSON USA 3:53.20
5 REIKO NAWADA JPN 3:53.38
6 GROOT CORRIE AUS 3:56.56
7 PRISCILLA LOGAN NZL 3:56.62
8 UTAYO KIMURA JPN 4:18.66
9 YOSHIKO NISHIMURA JPN 4:24.65
10 EIKO MIWA JPN 4:25.50
11 CHIYO INOUE JPN 4:31.16
12 MARIE CAREY AUS 4:44.82
13 DOROTHY DICKEY AUS 4:46.58
14 KIMIKO YAMAMOTO JPN 4:54.36
15 COLLEEN WATT NZL 5:14.13

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

1 EDITH BOEHM FRG 42.94
2 JULIA GULYAS CAN 46.27
3 JOAN PARNELL CAN 47.06
4 AKIKO HATTORI JPN 48.96
5 FUMIE NAGAI JPN 49.83
6 RUTH HENSCHL FRG 50.05
7 TERUKO ONO JPN 51.54
8 HISAKO ONO JPN 51.92
9 HIROKO TANIGUCHI JPN 52.36
10 LYL GALVIN CAN 53.51
11 GROOT CORRIE AUS 53.60
12 TERUKO TOGASHI JPN 53.88
13 ROSEMARIE KUTHER JPN 54.74
14 YOSHIKO YAMAUCHI JPN 55.41
15 MOTOKO UHIRA JPN 55.60
16 JILL COOK AUS 55.65
17 RITSUKO KATOH JPN 55.69
18 MICKEY SHOCKIEY USA 56.83
19 CHIZUKO TSUCHIDA JPN 56.87
20 MOTOKO KOMATSU JPN 58.14
21 CHRSTEL BOBETH FRG 58.53
22 HIDEKO KURATA JPN 59.24
23 HARUKO HAYASHI JPN 59.53
24 ELIZABETH CAPTEIN NZL 59.69
25 YOSHIKO NISHIMURA JPN 59.84
26 A.SMEATON NZL 1:00.81
27 MIKIKO HONMA JPN 1:02.18
28 KAZUYO MITANI JPN 1:02.75
29 JOAN GREGOR AUS 1:03.08
30 REIKO ISHII JPN 1:03.36
31 BETTY GARWOOD USA 1:04.84
32 KAZUKO YARITA JPN 1:05.01
33 SETSU OOGATA JPN 1:06.00
34 MARGARET SCOTT CAN 1:08.36
35 KIMIKO OOKUBO JPN 1:09.74
36 TATSUKO SAITOH JPN 1:14.27
37 NATALIE NIELSEN USA 1:16.96
38 EMI OKAMOTO JPN 1:17.54
39 SATOKO Ooba JPN 1:26.08
40 YUKIE SHIMODA JPN 1:27.41

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

1 EDITH BOEHM FRG 1:39.29
2 JULIA GULYAS CAN 1:40.12
3 JOAN PARNELL CAN 1:46.71
4 AKIKO HATTORI JPN 1:50.42
5 FUMIE NAGAI JPN 1:52.43

6 HISAKO ONO JPN 1:54.36
7 LYL GALVIN CAN 1:55.59
8 GROOT CORRIE AUS 1:56.51
9 RUTH HENSCHL FRG 1:57.31
10 TERUKO TOGASHI JPN 1:59.24
11 TERUKO ONO JPN 1:59.61
12 KAYOKO MIZUUCHI JPN 2:00.99
13 ROSEMARIE KUTHER JPN 2:01.23
14 MICKEY SHOCKIEY USA 2:04.20
15 YOHKO KOBAYASHI JPN 2:05.60
16 TOSHIKO SAKAI JPN 2:09.06
17 KAZUKO NAKAYAMA JPN 2:09.42
18 MOTOKO KOMATSU JPN 2:10.72
19 HARUKO HAYASHI JPN 2:11.69
20 A.SMEATON NZL 2:12.52
21 ELIZABETH CAPTEIN NZL 2:12.63
22 CHRSTEL BOBETH FRG 2:14.64
23 RITSUKO KATOH JPN 2:17.41
24 KAZUYO MITANI JPN 2:20.33
25 H.MACGREGOR CAN 2:22.42
26 YASUKO MIYAOKA JPN 2:53.46

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

1 JULIA GULYAS CAN 3:37.53
2 EDITH BOEHM FRG 3:40.08
3 CORRIE DE GROOT AUS 4:10.49
4 HISAKO ONO JPN 4:12.71
5 TERUKO TOGASHI JPN 4:15.35
6 MICKEY SHOCKIEY USA 4:25.96
7 LYL GALVIN CAN 4:26.63
8 ANN SMEATON NZL 4:31.26
9 YOSHIKO YAMAUCHI JPN 4:35.02
10 MYRA LARCOMBE NZL 4:40.15
11 ELIZABETH CAPTEIN NZL 4:42.36
12 BEVERLY DIRKSEN USA 4:45.49
13 YOSHIKO NISHIMURA JPN 4:55.88
14 MARGARET SCOTT CAN 5:18.55

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

1 ANNE ADAMS USA 40.27
2 REIKO NAWADA JPN 43.31
3 PATRICIA DOTSON USA 44.76
4 EDIE GRUENDER USA 45.04
5 MIKIKO HONMA JPN 48.68
6 CHISE IBE JPN 48.87
7 MAYUKO OZAWA JPN 51.33
8 YOSHIKO NISHIMURA JPN 55.60
9 NOELINE DAHLEN AUS 56.52
10 YOSHIKO TANIYAMA JPN 1:01.13
11 KAZUKO YOSHIMOTO JPN 1:01.32
12 TERUKO TOGASHI JPN 1:01.72
13 H.MACGREGOR CAN 1:02.81
14 HARUKO HAYASHI JPN 1:02.91
15 KAZUKO KAKIMI JPN 1:03.30
16 KIKUKO AKIBA JPN 1:03.39
17 CHIZUKO TSUCHIDA JPN 1:06.78
18 KIMIKO YAMAMOTO JPN 1:08.69
19 ZOE SHAND AUS 1:08.73

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

1 GAIL ROPER USA 1:31.89
2 PATRICIA DOTSON USA 1:44.01
3 EDIE GRUENDER USA 1:47.54
4 MIKIKO HONMA JPN 2:10.73

5 H.MACGREGOR CAN 2:14.81
6 NOELINE DAHLEN AUS 2:26.09

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

1 GAIL ROPER USA 3:31.45
2 JULIA GULYAS CAN 3:59.86
3 EDIE GRUENDER USA 4:08.70
4 H.MACGREGOR CAN 4:57.63
5 NOELINE DAHLEN AUS 5:26.03
6 MYRA LARCOMBE NZL 5:35.54

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

1 GAIL ROPER USA 3:19.26
2 JULIA GULYAS CAN 3:42.71
3 EDIE GRUENDER USA 3:47.23
4 PATRICIA DOTSON USA 3:48.65
5 KIMIKO OOOKA JPN 3:52.32
6 REIKO NAWADA JPN 3:54.32
7 PRISCILLA LOGAN NZL 4:00.97
8 CHISE IBE JPN 4:05.62
9 SHIRLEY MALCOLM AUS 4:11.66
10 CHIYO INOUE JPN 4:17.96
11 NOELINE DAHLEN AUS 4:40.21
12 H.MACGREGOR CAN 4:43.96

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

1 OLGA JOHNSON NZL 35.01
2 M.CUNNINGHAM AUS 36.12
3 MASUMI TANI JPN 37.16
4 UMEKO KUWAHARA JPN 39.35
5 HIDEKO NAITOH JPN 40.89
6 TSUNEO MITA JPN 41.45
7 SATOKO SUZUKI JPN 41.83
8 CHIYOKO OGAWA JPN 43.66
9 MACHIKO ITAI JPN 43.73
10 HIDEKO FUKUI JPN 44.54
11 SHIZU OKA JPN 45.11
12 YASUKO SHIMAKATA JPN 45.13
13 MICHIKO KANEHISA JPN 45.50
14 ETSUKO KISHIMOTO JPN 46.19
15 KAZUKO MIYAKITA JPN 47.56
16 TOYOKO KOMINAMI JPN 47.78
17 MATSU TAKENAKA JPN 49.13
18 TERUKO KUROSAWA JPN 49.40
19 JULIA MORRISH USA 49.73
20 KIYOKO ISHII JPN 50.54
21 MAUREEN MCKENNA AUS 50.61
22 HISAE KUSABA JPN 50.86
23 ETSUKO SAKATA JPN 51.11
24 MADOKA MIYAZAKI JPN 51.18
24 NAN SUNCKELL NZL 51.18
26 NAOO HIGUCHI JPN 51.21
27 HIROKO MURATA JPN 51.35
28 JUNE BORTHWICK CAN 52.51
29 MICHIKO KOMORI JPN 53.87
30 KIMIKO SHINOHARA JPN 54.49
31 YURIKO OOTSUKA JPN 54.66
32 HIROKO WADA JPN 55.00
33 HAYAKO KUMAGAI JPN 55.58
34 TOSHIKO KAI JPN 57.19
35 KYOKO MUROYA JPN 57.66
36 SETSUKO MITSUI JPN 57.74
37 MITSUE ENDOH JPN 57.85
38 MIYOKO KATAOKA JPN 58.02



I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

39 HISAE SHINKAI	JPN	58.47	22 MITSUKO TAKAHASHI	JPN	4:43.65	24 TOYOKO KOMINAMI	JPN	1:02.52
40 KISHIE MAKI	JPN	59.55	23 HATSUE ABE	JPN	4:55.64	25 ETSUKO SAKATA	JPN	1:02.81
41 FUMIKO MOGI	JPN	1:01.77	*****			26 FUMIKO MOGI	JPN	1:04.04
42 MASAKO NISHIYAMA	JPN	1:04.38	WOMEN -- 60-64 -- 400 M. FREE			27 MAUREEN MCKENNA	AUS	1:04.97
43 MITSUKO YAMADA	JPN	1:05.55	*****			28 SACHIKO MURATA	JPN	1:05.47
44 TOSHIKO KOJIMA	JPN	1:06.71	1 CLARA WALKER	USA	6:15.37	29 HISAE IWAGUCHI	JPN	1:05.94
45 TOYOKO SANO	JPN	1:07.41	2 JUNE KRAUSER	USA	6:39.08	30 KIYOKO ISHII	JPN	1:06.41
46 YOSHIKO AKIYAMA	JPN	1:07.53	3 JOAN MONAHAN	NZL	6:58.71	31 TOSHIKO KAI	JPN	1:06.94
47 DULCIE SPIERS	AUS	1:07.66	4 HIDEKO NAITOH	JPN	7:31.20	32 SUMIKO TANAKA	JPN	1:08.28
48 MICHICO TEJIMA	JPN	1:08.64	5 BERYL GRACE	AUS	7:35.94	33 KAORU NAKAJIMA	JPN	1:10.82
49 TAMAE ENDOH	JPN	1:10.25	6 BARBARA ROSE	AUS	7:56.66	34 SHINAKO FURUKAWA	JPN	1:10.90
50 SHINAKO FURUKAWA	JPN	1:13.62	7 YOSHIE HASEGAWA	JPN	7:57.44	35 KEIKO NOZAKI	JPN	1:16.43
51 FUMIE MARUYAMA	JPN	1:17.23	8 SUGAKO KUWAYAMA	JPN	8:09.21	36 JOY NARBAY	NZL	1:17.02
*****			9 CECILE GOSSELIN	CAN	8:16.02	37 NAGAKO YOKOTA	JPN	1:17.09
WOMEN -- 60-64 -- 100 M. FREE			10 BETTY ROBERTS	AUS	8:24.12	38 NOBU OGAWA	JPN	1:17.56
*****			11 L.HOSCHKE-LENGENF	FRG	8:25.86	39 SAYOKO MORIGUCHI	JPN	1:21.91
1 OLGA JOHNSON	NZL	1:23.69	12 NAN SUNCKELL	NZL	8:27.66	40 MARIKO SOHMA	JPN	1:30.29
2 M.CUNNINGHAM	AUS	1:25.37	13 ANA HOTTINGER	USA	8:50.51	*****		
3 LOUISE HEPNER	USA	1:25.61	14 JUNE BORTHWICK	CAN	8:54.14	WOMEN -- 60-64 -- 100 M. BACK		
4 MASUMI TANI	JPN	1:29.88	15 TAMAKO KOMIYAMA	JPN	9:01.83	*****		
5 HIDEKO NAITOH	JPN	1:30.81	16 KIYOKO ISHII	JPN	9:06.35	1 CLARA WALKER	USA	1:31.06
6 SUGAKO KUWAYAMA	JPN	1:35.77	17 MARION CHADWICK	USA	9:27.62	2 UMEKO KUWAHARA	JPN	1:49.59
7 NATSUKO OOKI	JPN	1:37.11	18 MISAO KAMIKO	JPN	9:33.64	2 OLGA JOHNSON	NZL	1:49.59
8 MACHIKO ITAI	JPN	1:40.67	19 MIDORI KINJO	JPN	9:44.81	4 IRENE APINEE	JPN	1:49.82
9 SHIZU OKA	JPN	1:46.51	20 UME KUZUI	JPN	9:55.21	5 BARBARA ROSE	AUS	1:52.75
10 TOSHIE TAKAHASHI	JPN	1:46.60	*****			6 ELLA DANNENBERG	FRG	2:00.55
11 SUZUE SONOKI	JPN	1:46.71	WOMEN -- 60-64 -- 800 M. FREE			7 BETTY ROBERTS	AUS	2:01.04
12 TSUNEO MITA	JPN	1:52.05	*****			8 FUMIKO ITOU	JPN	2:01.75
13 HIDEKO FUKUI	JPN	1:52.56	1 JUNE KRAUSER	USA	13:22.26	9 JUNE RALEIGE	NZL	2:07.64
14 ELLA DANNENBERG	FRG	1:52.74	2 LOUISE HEPNER	USA	13:42.73	10 INGEBOG TREMMEL	FRG	2:08.51
15 JUNE BORTHWICK	CAN	1:53.77	3 JOAN MONAHAN	NZL	14:15.62	11 KIMIE KANAI	JPN	2:19.05
16 L.HOSCHKE	FRG	1:54.81	4 BERYL GRACE	AUS	15:14.66	12 TOSHIKO KAI	JPN	2:29.00
17 NAN SUNCKELL	NZL	1:55.89	5 YOSHIE HASEGAWA	JPN	16:22.54	13 CLAIRE FINLAY	AUS	2:30.49
18 TATSUKO FURUMOTO	JPN	1:56.17	6 BETTY ROBERTS	AUS	17:27.80	14 MISAO KAMIKO	JPN	2:52.35
19 TOYOKO KOMINAMI	JPN	1:57.61	7 KIMIE KANAI	JPN	17:44.93	*****		
20 KAZUO MIYAKITA	JPN	1:58.65	8 NAN SUNCKELL	NZL	18:03.36	WOMEN -- 60-64 -- 200 M. BACK		
21 MAUREEN MCKENNA	AUS	1:59.81	9 KIYOKO ISHII	JPN	18:53.28	*****		
22 MISAO KAMIKO	JPN	2:04.51	10 IRENE APINEE	JPN	19:13.09	1 CLARA WALKER	USA	3:16.98
23 CHIYOKO TAKIZAWA	JPN	2:07.02	11 MARION CHADWICK	USA	19:33.70	2 IRENE APINEE	CAN	3:57.61
24 HATSUE ABE	JPN	2:08.56	12 MISAO KAMIKO	JPN	20:40.93	3 BARBARA ROSE	AUS	4:07.74
25 MATSU TAKENAKA	JPN	2:09.05	13 UME KUZUI	JPN	20:56.32	4 NATSUKO OOKI	JPN	4:20.45
26 MITSUKO TAKAHASHI	JPN	2:13.22	*****			5 BETTY ROBERTS	AUS	4:20.54
27 CHITAE TANIWAKI	JPN	20:00.51	WOMEN -- 60-64 -- 50 M. BACK			6 SHIZUKO TACHIKAWA	JPN	4:32.96
*****			*****			7 INGEBOG TREMMEL	FRG	4:33.96
WOMEN -- 60-64 -- 200 M. FREE			1 CLARA WALKER	USA	41.11	8 BERYL GRACE	AUS	4:42.89
*****			2 OLGA JOHNSON	NZL	46.79	9 MITSU IIMURA	JPN	4:55.34
1 LOUISE HEPNER	USA	3:04.69	3 MASUMI TANI	JPN	47.65	10 SUMIKO YANAGISAWA	JPN	5:00.88
2 M.CUNNINGHAM	AUS	3:15.75	4 UMEKO KUWAHARA	JPN	48.02	11 CLAIRE FINLAY	AUS	5:24.42
3 OLGA JOHNSON	NZL	3:21.35	5 IRENE APINEE	JPN	49.23	12 NOBU OGAWA	JPN	5:51.04
4 HIDEKO NAITOH	JPN	3:32.52	6 NATSUKO OOKI	JPN	49.31	*****		
5 NATSUKO OOKI	JPN	3:39.39	7 BARBARA ROSE	AUS	50.27	WOMEN -- 60-64 -- 50 M. BRST		
6 SUGAKO KUWAYAMA	JPN	3:52.94	8 CHIYOKO OGAWA	JPN	52.68	*****		
7 SHIZU OKA	JPN	3:53.61	9 MICHIO KANDA	JPN	54.09	1 C.COSTELLO	USA	48.52
8 MICHIO KANDA	JPN	3:59.56	10 JULIA MORRISH	USA	54.61	2 SATOKO SUZUKI	JPN	48.54
9 BETTY ROBERTS	AUS	4:00.88	11 SHIZUKO TACHIKAWA	JPN	55.10	3 TSUNEO MITA	JPN	50.25
10 TSUNEO MITA	JPN	4:07.71	12 FUMIKO ITOU	JPN	55.52	4 MASUMI TANI	JPN	51.82
11 L.HOSCHKE-LENGENF	FRG	4:09.77	13 MICHIO MORI	JPN	56.20	5 KIMIE KANAI	JPN	51.89
12 JUNE BORTHWICK	CAN	4:12.30	14 INGEBOG TREMMEL	FRG	57.50	6 SANDY STINSON	USA	51.93
13 ANA HOTTINGER	USA	4:15.08	15 MITSU IIMURA	JPN	57.93	7 JOAN MONAHAN	AUS	52.53
14 SACHIKO MURATA	JPN	4:16.37	16 SUZUE SONOKI	JPN	58.33	8 SARAH ALLNUTT	USA	53.54
15 CHITAE TANIWAKI	JPN	4:18.41	17 ETSUKO KISHIMOTO	JPN	59.90	9 AKIKO NISHINO	JPN	54.76
16 MIDORI KINJO	JPN	4:19.85	18 TATSUKO FURUMOTO	JPN	1:00.20	10 TOSHIKO MACHIDA	JPN	55.04
17 HIDEKO FUKUI	JPN	4:21.11	19 HIDEKO FUKUI	JPN	1:00.29	11 YASUKO SHIMAKATA	JPN	55.97
18 KIYOKO ISHII	JPN	4:24.97	20 FUSAKO NAKAGAWA	JPN	1:00.38	12 NOBU OGAWA	JPN	56.03
19 SUMIKO YANAGISAWA	JPN	4:36.81	21 JUNE BORTHWICK	CAN	1:00.47	13 KIKU SHIGEYAMA	JPN	56.79
20 MARION CHADWICK	USA	4:37.89	22 UME KUZUI	JPN	1:00.67	14 MICHIO OOTA	JPN	57.14
21 MISAO KAMIKO	JPN	4:40.13	23 HISAE KUSABA	JPN	1:01.01	15 MITSU HMURA	JPN	57.87



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SWIMMING RESULTS - WOMEN

16 JUNE RALEIGH	NZL	58.10	1 MASUMI TANI	JPN	43.46	14 GIVLIA FIGARI	ITA	49.16
17 BETTY DUNN	USA	58.43	2 C.COSTELLO	USA	45.42	15 LOU HEATH	USA	50.85
18 KYOKO MUROYA	JPN	59.21	3 M.CUNNINGHAM	AUS	48.07	16 LUCIE ROSEN	FRG	50.91
19 ANNI LURSEN	FRG	59.88	4 SUGAKO KUWAYAMA	JPN	51.29	17 MARGOT WOLF	FRG	52.02
20 FUSAKO NAKAGAWA	JPN	59.96	5 SARAH ALLNUTT	USA	51.67	18 CHIE ODAGIRI	JPN	54.36
21 HIDEKO HANADA	JPN	59.97	6 UMEKO KUWAHARA	JPN	52.41	19 KAZUKO OOSAKI	JPN	54.69
22 TOSHIE TAKAHASHI	JPN	1:00.06	7 BETTY DUNN	USA	52.88	20 TAEKO HORI	JPN	56.71
23 AKIKO HONDA	JPN	1:00.41	8 NATSUKO OOKI	JPN	52.93	21 HATSUO HATAKEYAMA	JPN	1:01.57
24 YOSHIKO SUZUKI	JPN	1:00.74	9 AKIKO NISHINO	JPN	55.97	22 MIYORI OGAWA	JPN	1:01.61
25 TOSHIKO OJIMA	JPN	1:03.47	10 SHIZU OKA	JPN	56.86	23 CHIEKO MOGAMI	JPN	1:07.42
26 TOSHIKO UEDA	JPN	1:03.63	11 TOSHIKO AMANO	JPN	58.47	24 KAZUKO AIZAWA	JPN	1:13.44
27 TAMAKO KOMIYAMA	JPN	1:04.46	12 YASUKO SHIMAKATA	JPN	1:00.88	25 FLORENCE MELICK	USA	1:17.55
28 MICHIKO KANEHISA	JPN	1:04.74	13 MACHIKO ITAI	JPN	1:01.14	*****		
29 CLAIRE FINLAY	AUS	1:05.81	14 UME KUZUI	JPN	1:07.72	WOMEN -- 65-69 -- 100 M. FREE		
30 PEGGY PARKER	NZL	1:06.37	15 HISAE IWAGUCHI	JPN	1:08.30	*****		
31 MIYOKO KATAOKA	JPN	1:06.82	16 YOSHIKO SETA	JPN	1:09.71	1 CATHERINE KERR	CAN	1:26.56
32 HISAE IWAGUCHI	JPN	1:07.43	17 SUMIKO TANAKA	JPN	1:12.24	2 J.DRAKE-BROCKMAN	AUS	1:30.59
33 JULIA MORRISH	USA	1:09.30	18 NAKO HIGUCHI	JPN	1:12.78	3 BILLIE BURRILL	USA	1:35.15
34 SUMIKO TANAKA	JPN	1:09.76	19 ANA HOTTINGER	USA	1:14.21	4 AUDREY ETIENNE	USA	1:40.74
35 INE UEDA	JPN	1:10.31	20 MITSUKO YAMADA	JPN	1:28.17	5 RJA HOFFMANN	FRG	1:41.25
36 BARBARA TAYLOR	CAN	1:13.10	*****			6 YASUKO HASEGAWA	JPN	1:44.77
37 KISHIE MAKI	JPN	1:13.81	WOMEN -- 60-64 -- 100 M. FLY			7 KAZUKO HATTORI	JPN	1:54.46
38 MASAKO NISHIYAMA	JPN	1:15.06	*****			8 LOU HEATH	USA	1:54.78
39 SETSUKO MITSUI	JPN	1:15.82	1 JUNE KRAUSER	USA	1:41.62	9 GIVLIA FIGARI	ITA	1:54.98
40 HAYAKO KUMAGAI	JPN	1:27.45	2 C.COSTELLO	USA	1:53.73	10 KIKO MIYOKO	JPN	1:57.77
41 KEIKO NOZAKI	JPN	1:51.43	3 SANDY STINSON	USA	2:00.43	11 MIYAKO WARIISHI	JPN	2:01.64
*****			4 SUGAKO KUWAYAMA	JPN	2:04.27	12 RITSUKO HAYASHIDA	JPN	2:08.20
WOMEN -- 60-64 -- 100 M. BRST			5 BETTY DUNN	USA	2:05.99	13 YOSHIKO WATANABE	JPN	2:09.21
*****			6 BERYL GRACE	AUS	2:15.75	14 LORRAINE PETERSON	USA	2:21.15
1 C.COSTELLO	USA	1:49.53	7 SHIZU OKA	JPN	2:18.40	15 CHIEKO MOGAMI	JPN	2:34.65
2 SATOKO SUZUKI	JPN	1:49.88	8 YOSHIE HASEGAWA	JPN	2:20.63	16 FLORENCE MELICK	USA	3:00.28
3 SANDY STINSON	USA	1:55.23	9 CECILE GOSSELIN	CAN	3:27.83	*****		
4 TSUNEO MITA	JPN	1:56.36	*****			WOMEN -- 65-69 -- 200 M. FREE		
5 JOAN MONAHAN	AUS	1:57.82	WOMEN -- 60-64 -- 200 M. FLY			*****		
6 SARAH ALLNUTT	USA	2:02.44	*****			1 CANDIDA GANDOLPHO	BRA	3:32.66
7 CHIH CHANG SHAU	TPE	2:05.63	1 JUNE KRAUSER	USA	3:36.15	2 BILLIE BURRILL	USA	3:37.19
8 HIDEKO FUKUI	JPN	2:08.07	2 SANDY STINSON	USA	4:29.35	3 KAZUKO HATTORI	JPN	4:06.62
9 BETTY DUNN	USA	2:08.95	3 YOSHIE HASEGAWA	JPN	5:15.21	4 SHIZUKO KIMURA	JPN	4:09.06
10 SUMIKO YANAGISAWA	JPN	2:09.88	4 CECILE GOSSELIN	CAN	5:29.04	5 YASUKO HASEGAWA	JPN	4:10.78
11 ANNI LURSEN	FRG	2:11.38	*****			6 NOBUKO YOSHIDA	JPN	4:12.58
12 AKIKO HONDA	JPN	2:11.56	WOMEN -- 60-64 -- 200 M. I.M.			7 HIDEKO MORI	JPN	4:16.60
13 YAYOI HIMURO	JPN	2:20.95	*****			8 GIVLIA FIGARI	ITA	4:18.33
14 KYOKO MUROYA	JPN	2:21.47	1 CLARA WALKER	USA	3:17.40	9 MIYAKO WARIISHI	JPN	4:19.06
15 CLAIRE FINLAY	AUS	2:33.57	2 JUNE KRAUSER	USA	3:35.59	10 LORRAINE PETERSON	USA	5:01.97
16 DULCIE SPIERS	AUS	3:00.98	3 LOUISE HEPNER	USA	3:45.77	11 AKIKO TANAKA	JPN	5:23.01
17 MITSU ENDOH	JPN	3:10.31	4 BETTY DUNN	USA	4:13.65	*****		
*****			5 CECILE GOSSELIN	CAN	4:23.54	WOMEN -- 65-69 -- 400 M. FREE		
WOMEN -- 60-64 -- 200 M. BRST			6 BERYL GRACE	AUS	4:33.27	*****		
*****			7 MITSU IIMURA	JPN	4:43.03	1 BERYL ANDERSON	AUS	7:29.14
1 LOUISE HEPNER	USA	4:01.10	8 L.HOSCHKE-LENGENF	FRG	4:50.94	2 BILLIE BURRILL	USA	7:36.81
2 C.COSTELLO	USA	4:01.64	9 TOSHIKO AMANO	JPN	5:02.92	3 CANDIDA GANDOLPHO	BRA	7:43.53
3 JOAN MONAHAN	NZL	4:08.80	*****			4 HISAKO KIMOTO	JPN	7:54.45
4 SANDY STINSON	USA	4:15.96	WOMEN -- 65-69 -- 50 M. FREE			5 KAZUKO HATTORI	JPN	8:34.16
5 KIMIE KANAI	JPN	4:21.00	*****			6 YASUKO HASEGAWA	JPN	8:45.88
6 SARAH ALLNUTT	USA	4:24.83	1 CATHERINE KERR	CAN	37.64	7 MIYAKO WARIISHI	JPN	8:46.05
7 CECILE GOSSELIN	CAN	4:27.56	2 J.DRAKE-BROCKMAN	AUS	38.12	8 HIDEKO MORI	JPN	8:54.96
8 IRENE APINEE	JPN	4:35.65	3 BILLIE BURRILL	USA	42.09	9 GIVLIA FIGARI	ITA	9:08.65
9 CHIH CHANG SHAU	TPE	4:37.65	4 RJA HOFFMANN	FRG	42.56	10 SHIZUKO KIMURA	JPN	9:12.75
10 SUMIKO YANAGISAWA	JPN	4:38.29	5 AUDREY ETIENNE	USA	42.84	11 KIKO MIYOKO	JPN	9:29.67
11 JUNE RALEIGE	NZL	4:44.46	6 YASUKO HASSEGAWA	JPN	45.20	12 ROSE STEWARD	USA	10:52.14
12 AKIKO HONDA	JPN	4:44.73	7 KIKO MIYOKO	JPN	45.46	13 AKIKO TANAKA	JPN	11:10.79
13 MATSUKO TODA	JPN	4:56.09	8 NOBUKO YOSHIDA	JPN	46.97	*****		
14 MITSU HMURA	JPN	5:00.20	9 FUSAKO MATSUMOTO	JPN	47.02	WOMEN -- 65-69 -- 800 M. FREE		
15 CLAIRE FINLAY	AUS	5:30.08	10 HARUKO MATSUSHIMA	JPN	47.17	*****		
*****			11 EMUKO SHIOYAMA	JPN	48.18	1 BERYL ANDERSON	AUS	15:43.06
WOMEN -- 60-64 -- 50 M. FLY			12 KAZUKO HATTORI	JPN	48.24	2 BILLIE BURRILL	USA	16:00.59
*****			13 YOSHIKO WATANABE	JPN	48.62	3 HISAKO KIMOTO	JPN	16:28.13



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SWIMMING RESULTS - WOMEN

4	HATSU OOTA	JPN	17:52.67	1	EVA RAUNER	FRG	51.19	5	MARGARET SAMSON	USA	4:54.00
5	KAZUKO HATTORI	JPN	17:53.20	2	CANDIDA GANDOLPHO	BRA	51.35	6	SHIZUKO KIMURA	JPN	5:01.93
6	A.HOTTINGER	USA	17:56.65	3	MECHTILDE EICKER	FRG	53.09	7	LORRAINE PETERSON	USA	6:08.04
7	HIDEKO MORI	JPN	18:13.88	4	HATSUKO SANTOH	JPN	54.87	8	AUDREY MENARY	CAN	6:27.67
8	BARBARA GOLSETH	USA	19:01.19	5	MITSUYO ASADA	JPN	1:06.57	9	ROSE STEWARD	USA	6:53.60
9	GIVLIA FIGARI	ITA	19:18.89	6	LUCIE ROSEN	FRG	1:06.91	*****			
10	AKIYO TANAKA	JPN	22:16.97	7	EIKO MOCHIDA	JPN	1:08.09	WOMEN -- 70-74 -- 50 M. FREE			
*****				8	KATSUE EBATO	JPN	1:09.88	*****			
WOMEN -- 65-69 -- 50 M. BACK				9	RHODA YEOMANS	AUS	1:10.40	1	FRANCES VORRATH	AUS	39.87
*****				10	CHIE ODAGIRI	JPN	1:13.41	2	NANCY CLARK	USA	43.24
1	J.DRAKE-BROCKMAN	AUS	44.64	11	SHIZUKO KUROSAWA	JPN	1:15.43	3	MASA SHIGEMITSU	JPN	46.64
2	BERYL ANDERSON	AUS	45.94	12	KAZUKO OOSAKI	JPN	1:15.72	4	GRETE HARNISCH	FRG	48.27
3	RJAH HOFFMANN	FRG	50.28	13	HISAKO GOTOH	JPN	1:18.18	5	NELLA GAMENARA	ITA	50.06
4	MECHTILDE EICKER	FRG	51.07	14	HATSUO HATAKEYAMA	JPN	1:21.48	6	TEIKO WAKAMORI	JPN	53.03
5	LOU HEATH	USA	52.61	15	SHIZUE HATA	JPN	1:28.16	7	JEAN CHENAUX	BRA	54.04
6	KIYO SHIMAMURA	JPN	53.72	16	AUDREY MENARY	CAN	1:42.24	8	LIESEL NACHTIGALL	FRG	1:01.91
7	HISAKO KIMOTO	JPN	55.05	*****				9	KAZUKO MIYACHI	JPN	1:08.46
8	AUDREY ETIENNE	USA	55.32	WOMEN -- 65-69 -- 100 M. BRST				*****			
9	KIKUYO EBATO	JPN	55.92	*****				WOMEN -- 70-74 -- 100 M. FREE			
10	BETH CAMERON	CAN	58.21	1	EVA RAUNER	FRG	1:53.57	*****			
11	IKUKO AKASHI	JPN	58.71	2	CANDIDA GANDOLPHO	BRA	1:53.69	1	FRANCES VORRATH	AUS	1:32.14
12	MARGARET SAMSON	USA	59.03	3	MECHTILDE EICKER	FRG	1:56.06	2	NANCY CLARK	USA	1:44.49
13	TOYOKO MIYAZAKI	JPN	59.96	4	BETH CAMERON	CAN	2:02.44	3	MASA SHIGEMITSU	JPN	1:51.40
14	YURIKO TSUCHIYA	JPN	1:00.71	5	RHODA YEOMANS	AUS	2:43.19	4	NELLA GAMENARA	ITA	1:55.21
15	LUCIE ROSEN	FRG	1:02.28	6	RURI NOMURA	JPN	3:11.47	5	CHIYOKO BANDO	JPN	2:01.52
16	KAZUKO OOSAKI	JPN	1:04.03	*****				6	HIDEKO HIRAIISHI	JPN	2:05.36
17	RITSUKO HAYASHIDA	JPN	1:05.00	WOMEN -- 65-69 -- 200 M. BRST				7	HIROKO ITOU	JPN	2:14.09
18	EIKO MOCHIDA	JPN	1:05.75	*****				8	TAYO FURUYA	JPN	2:16.79
19	HISAKO GOTOH	JPN	1:07.93	1	CANDIDA GANDOLPHO	BRA	4:03.82	9	JEAN CHENAUX	BRA	2:16.86
20	SHIZUKO KUROSAWA	JPN	1:08.36	2	EVA RAUNER	FRG	4:09.75	10	LOIS ELLERT	USA	2:34.78
21	TAEKO HORI	JPN	1:15.12	3	MECHTILDE EICKER	FRG	4:26.60	11	MILLIE HUPP	USA	2:34.79
22	AKIYO TANAKA	JPN	1:20.96	4	BETH CAMERON	CAN	4:32.42	12	MASAKO MATSUNO	JPN	3:01.66
23	FLORENCE MELICK	USA	1:29.15	5	EILEEN PRICE	AUS	4:55.98	*****			
*****				6	MARGARET SAMSON	USA	4:59.01	WOMEN -- 70-74 -- 200 M. FREE			
WOMEN -- 65-69 -- 100 M. BACK				7	AKIYO TANAKA	JPN	5:46.61	*****			
*****				*****				1	NANCY CLARK	USA	3:50.24
1	BERYL ANDERSON	AUS	1:39.37	WOMEN -- 65-69 -- 50 M. FLY				2	NELLA GAMENARA	ITA	4:06.60
2	J.DRAKE-BROCKMAN	AUS	1:40.43	*****				3	HILDA BUEL	USA	5:20.52
3	LOU HEATH	USA	1:58.26	1	CATHERINE KERR	CAN	48.89	4	LOIS ELLERT	USA	5:45.53
4	RJAH HOFFMANN	FRG	2:02.64	2	HIDEKO MORI	JPN	56.97	5	MASAKO MATSUNO	JPN	6:33.08
5	ZADA TAFT	USA	2:03.81	3	HARUKO MATSUSHIMA	JPN	57.67	*****			
6	BARBARA GOLSETH	USA	2:08.89	4	AUDREY ETIENNE	USA	1:02.50	WOMEN -- 70-74 -- 400 M. FREE			
7	AUDREY ETIENNE	USA	2:08.99	5	SHIZUKO KIMURA	JPN	1:05.89	*****			
8	EILEEN PRICE	AUS	2:09.20	6	MATSUKO HAYASHI	JPN	1:28.07	1	MARIA LENK	BRA	8:00.39
9	TOYOKO MIYAZAKI	JPN	2:12.13	7	AUDREY MENARY	CAN	1:43.02	2	NANCY CLARK	USA	8:31.60
10	HATSU OOTA	JPN	2:12.54	*****				3	NELLA GAMENARA	ITA	9:10.18
11	LORRAINE PETERSON	USA	2:33.51	WOMEN -- 65-69 -- 100 M. FLY				4	MILLIE HUPP	USA	12:12.30
12	AUDREY MENARY	CAN	2:50.23	*****				*****			
13	FLORENCE MELICK	USA	3:21.10	1	CATHERINE KERR	CAN	1:54.60	WOMEN -- 70-74 -- 800 M. FREE			
*****				2	HISAKO KIMOTO	JPN	2:14.17	*****			
WOMEN -- 65-69 -- 200 M. BACK				3	ZADA TAFT	USA	2:20.07	1	MARIA LENK	BRA	16:24.33
*****				4	HIDEKO MORI	JPN	2:23.46	2	NELLA GAMENARA	ITA	19:35.72
1	J.DRAKE-BROCKMAN	AUS	3:41.61	5	ROSE STEWARD	USA	4:00.65	3	CHIYOKO BANDO	JPN	23:13.88
2	BERYL ANDERSON	AUS	3:46.98	*****				4	TAYO FURUYA	JPN	24:12.80
3	HISAKO KIMOTO	JPN	4:21.37	WOMEN -- 65-69 -- 200 M. FLY				*****			
4	LOU HEATH	USA	4:23.23	*****				WOMEN -- 70-74 -- 50 M. BACK			
5	BARBARA GOLSETH	USA	4:33.11	1	EILEEN PRICE	AUS	4:58.13	*****			
6	MARGARET SAMSON	USA	4:34.54	2	ZADA TAFT	USA	5:27.28	1	FRANCES VORRATH	AUS	48.29
7	ZADA TAFT	USA	4:37.67	3	BARBARA GOLSETH	USA	5:28.74	2	HELENE EISFELD	FRG	58.38
8	HATSU OOTA	JPN	4:41.28	4	ROSE STEWARD	USA	8:33.87	3	MASA SHIGEMITSU	JPN	59.65
9	EILEEN PRICE	AUS	4:41.29	*****				4	CHIYOKO BANDO	JPN	1:01.60
10	LORRAINE PETERSON	USA	5:23.82	WOMEN -- 65-69 -- 200 M. I.M.				5	ANNCHEN REILE	FRG	1:03.93
11	AUDREY MENARY	CAN	6:12.94	*****				6	NANCY RITTON	AUS	1:04.73
12	FLORENCE MELICK	USA	6:58.24	1	CATHERINE KERR	CAN	3:48.85	7	LIESEL NACHTIGALL	FRG	1:06.60
*****				2	EILEEN PRICE	AUS	4:33.70	8	JEAN CHENAUX	BRA	1:08.40
WOMEN -- 65-69 -- 50 M. BRST				3	ZADA TAFT	USA	4:34.65	9	REIKO NISHIZAWA	JPN	1:15.74
*****				4	BARBARA GOLSETH	USA	4:51.95	10	TOSHI KUBO	JPN	1:17.72



I FINA WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - WOMEN

11 AYAKO SAEKI JPN 1:27.45
12 MITSUKO INOUE JPN 2:17.95

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

1 HELENE EISFELD FRG 2:12.14
2 ANNCHEN REILE FRG 2:17.86
3 NANCY RITTSON AUS 2:31.84
4 PHYLLIS HALL AUS 2:33.98
5 LOIS ELLERT USA 2:34.36
6 HIROKO ITOU JPN 2:53.61
7 MILLIE HUPP USA 2:57.67

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

1 NANCY RITTSON AUS 5:25.95
2 LOIS ELLERT USA 5:33.31
3 PHYLLIS HALL AUS 5:34.00
4 MILLIE HUPP USA 6:31.26

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

1 FRANCES VORRATH AUS 53.88
2 HELENE EISFELD FRG 1:00.30
3 GRETE HARNISCH FRG 1:00.63
4 LIESEL NACHTIGALL FRG 1:01.11
5 LISELOTT LORENZ FRG 1:01.23
6 ANNCHEN REILE FRG 1:02.01
7 ANNE WILDER USA 1:10.03
8 JEAN CHENAUX BRA 1:15.69
9 NANCY RITTSON AUS 1:16.76
10 TAYO FURUYA JPN 1:21.34
11 SADAKO SHOJI JPN 1:33.84
12 TOSHI KUBO JPN 1:54.28

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

1 FRANCES VORRATH AUS 2:03.81
2 HELENE EISFELD FRG 2:13.10
3 GRETE HARNISCH FRG 2:13.96
4 ANNCHEN REILE FRG 2:17.84
5 HILDA BUEL USA 2:33.68
6 NANCY RITTSON AUS 2:49.70

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

1 MAXINE MERLINO USA 4:35.56
2 HELENE EISFELD FRG 4:52.81
3 ANNCHEN REILE FRG 4:52.86
4 HILDA BUEL USA 5:35.33
5 ANNE WILDER USA 5:46.75

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

1 MARIA LENK BRA 53.00
2 MAXINE MERLINO USA 1:02.12
3 CHIYOKO BANDO JPN 1:14.20
4 ANNE WILDER USA 1:15.37
5 GRETE HARNISCH FRG 1:16.08
6 TOSHI KUBO JPN 1:39.20

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

1 MARIA LENK BRA 2:05.84
2 MAXINE MERLINO USA 2:20.00
3 PHYLLIS HALL AUS 4:36.53

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

1 MAXINE MERLINO USA 4:57.39
2 HILDA BUEL USA 6:36.34
3 ANNE WILDER USA 6:38.11

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

1 MARIA LENK BRA 4:11.21
2 MAXINE MERLINO USA 4:21.36
3 CHIYOKO BANDO JPN 5:20.15
4 HILDA BUEL USA 5:35.02
5 ANNE WILDER USA 6:04.48
6 PHYLLIS HALL AUS 7:49.70

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

1 UME WADA JPN 41.88
2 MYRTLE WRIGHT AUS 46.09
3 V.CHERRIMAN GBR 50.25
4 RENE HEDGES AUS 55.09
5 DORIS HYDE AUS 1:15.47
6 AYAKO TAKADA JPN 1:23.99
7 KIMI KATOH JPN 1:54.20

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

1 UME WADA JPN 1:39.28
2 V.CHERRIMAN GBR 2:00.76
3 AYAKO TAKADA JPN 2:52.56

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

1 V.CHERRIMAN GBR 4:13.49
2 AYAKO TAKADA JPN 6:13.90

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

1 V.CHERRIMAN GBR 9:01.72
2 AYAKO TAKADA JPN 13:07.26

WOMEN -- 75-79 -- 800 M. FREE

1 V.CHERRIMAN GBR 18:33.40
2 AYAKO TAKADA JPN 27:20.59

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

1 MYRTLE WRIGHT AUS 51.07
2 UME WADA JPN 54.44
3 MIZZI BUTZBACH FRG 59.29
4 RENE HEDGES AUS 1:03.88
5 HANAE MATSUURA JPN 1:06.94
6 M.GOTTSCHALK FRG 1:07.35
7 DORIS HYDE AUS 1:25.88

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

1 MYRTLE WRIGHT AUS 1:58.40
2 RENE HEDGES AUS 2:22.95
3 HANAE MATSUURA JPN 2:40.96

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

1 MYRTLE WRIGHT AUS 4:20.86
2 RENE HEDGES AUS 5:23.78
3 HANAE MATSUURA JPN 6:35.61

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

1 MIZZI BUTZBACH FRG 59.10
2 UME WADA JPN 1:00.86
3 MYRTLE WRIGHT AUS 1:02.99
4 M.GOTTSCHALK FRG 1:10.78
5 RENE HEDGES AUS 1:39.22
6 DORIS HYDE AUS 1:55.52

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

1 MIZZI BUTZBACH FRG 2:07.86
2 M.GOTTSCHALK FRG 2:37.20

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

1 MIZZI BUTZBACH FRG 4:36.72

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

1 ELLA PECKHAM USA 1:14.90

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

1 ELLA PECKHAM USA 1:30.21

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

1 ELLA PECKHAM USA 3:30.10

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

1 ELLA PECKHAM USA 7:04.11

WOMEN -- 85-89 -- 50 M. FLY

1 ELLA PECKHAM USA 1:37.00

SWIMMING RESULTS - RELAYS

WOMEN -- 200 M. FREE 100-119

1	GREMIO SUL AMER	BRA	2:02.51
2	TOKYO YMCA	JPN	2:22.75
3	HEKKU ICHIKAWA	JPN	2:32.61
4	MAINICHI MASTER	JPN	2:34.64

WOMEN -- 200 M. FREE 120-159

1	S.CALIFORNIA	USA	2:02.80
2	MOTHERWELL	GBR	2:05.91
3	LONE STAR	USA	2:07.31
4	TOWNSVILLE	AUS	2:08.08
5	UBC MASTERS	CAN	2:09.47
6	MAINICHI MASTER	JPN	2:11.45
7	OREGON MASTERS	USA	2:16.17
8	GEORGIA MASTERS	USA	2:17.04
9	GREMIO SUL AMER	BRA	2:18.19
10	ASAHI CHIBA	JPN	2:19.68
11	HEKKU TAKATSUKI	JPN	2:20.83
12	POINTE CLAIQE	CAN	2:28.83
13	NARA SS	JPN	2:35.77
14	MAINICHI TSUNAS	JPN	2:41.61
15	KIRIN SPORTS MI	JPN	2:44.07
16	SHINMATSUDO	JPN	2:46.05
17	SUMA PATIO SS	JPN	2:54.82
18	TAISYO SS	JPN	2:54.90
19	MATSUDO SC	JPN	3:25.06

WOMEN -- 200 M. FREE 160-199

1	SAN DIEGO SWIM	USA	2:10.88
2	GREMIO SUL AMER	BRA	2:15.39
3	DURHAM LIGHT	NZL	2:22.07
4	KOMAZAKI	JPN	2:22.87
5	MITAKASHI SUIEI	JPN	2:22.99
6	NAS HANAHATA	JPN	2:26.32
7	TAKAIDO	JPN	2:28.62
8	HAKUYOH SWIMMER	JPN	2:31.14
9	MAINICHI MASTER	JPN	2:34.42
10	KANSAI	JPN	2:34.91
11	YATSU CENTRAL	JPN	2:36.36
12	YUUKARI	JPN	2:38.06
13	TRILLIUM	CAN	2:38.69
14	ITOMAN	JPN	2:39.22
15	NEYAGAWA	JPN	2:40.34
16	SHINMATSUDO	JPN	2:42.30
17	SAGINUMA	JPN	2:42.82
18	WAKAAYUKAI	JPN	2:43.51
19	NORTH LODGE	AUS	2:43.86
20	DSS ICHIGAYA	JPN	2:44.13
21	CENTRAL URAYASU	JPN	2:44.82
22	MAINICHI TSUNAS	JPN	2:45.23
23	HEKKU TAKATSUKI	JPN	2:45.49
24	RAKUSUIKAI	JPN	2:45.63
25	MATSUDO SC	JPN	2:47.62
26	TOYAMA YUUEIKAI	JPN	2:48.87
27	KTV TOYONAKA	JPN	2:51.83
28	TOP SC	JPN	2:53.94
29	OREGON MASTERS	USA	3:00.46
30	TOWNSVILLE	AUS	3:08.48
31	ASAHI CULUTURE	JPN	3:15.26
32	FUJIEDERA SS	JPN	3:49.08

WOMEN -- 200 M. FREE 200-239

1	POWERPOINTS	AUS	2:16.01
2	MAINICHI MASTER	JPN	2:22.21
3	TRILLIUM	CAN	2:30.11
4	S.CALIFORNIA	JPN	2:33.67
5	HEKKU TAKATSUKI	JPN	2:37.76
6	POINT CLAIQE	CAN	2:37.82
7	SAPPORO AC	JPN	2:38.23
8	NOBORITO SC	JPN	2:40.61
9	LEISURE COAST	AUS	2:42.65
10	N.VANCOUVER	CAN	2:46.40
11	MITAKASHI SUIEI	JPN	2:46.84
12	IKEDA SC	JPN	2:49.59
13	DSS ICHIGAYA	JPN	2:49.84
14	RASA SS	JPN	2:51.67
15	MIZUHO SC	JPN	2:56.56
16	SAN MATEO	USA	2:57.41
17	WHARENUI	NZL	3:08.70
18	ASAHI CULUTURE	JPN	3:16.92
19	ROCKY MOUNTAIN	USA	3:21.83
20	HAKUYOH SWIMMER	JPN	3:22.84

WOMEN -- 200 M. FREE 240-279

1	NOBORITO SC	JPN	2:46.24
2	GREMIO SUL AMER	BRA	2:49.98
3	NORTH LODGE	AUS	2:51.50
4	MAINICHI MASTER	JPN	2:53.79
5	KINOKAWA SS	JPN	3:02.19
6	TAKAIDO SC	JPN	3:07.55
7	RAKUSUIKAI	JPN	3:10.39
8	YOKOHAMA SUIEIK	JPN	3:11.28
9	YOKOHAMA SC	JPN	3:19.59
10	SSG VILLE/HURTH	FRG	3:40.11

WOMEN -- 200 M. FREE 280-319

1	MAINICHI MASTER	JPN	4:26.50
2	YOKOHAMA SUIEIK	JPN	4:44.44

WOMEN -- 200 M. MEDLEY 100-119

1	GREMIO SUL AMER	BRA	2:14.95
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WOMEN -- 200 M. MEDLEY 120-159

1	MOTHERWELL	GBR	2:23.96
2	TOWNSVILLE	AUS	2:28.58
3	GEORGIA MASTERS	USA	2:28.97
4	OREGON MASTERS	USA	2:29.77
5	UBC MASTERS	CAN	2:31.68
6	MAINISHI MASTER	JPN	2:32.30
7	LONE STAR	USA	2:33.60
8	TOKYO YMCA	JPN	2:35.38
9	GREMIO SUL AMER	BRA	2:37.37
10	HEKKU TAKATSUKI	JPN	2:39.86
11	POINTE CLAIQE	CAN	2:44.40
12	FUJIEDERA SS	JPN	3:00.50
13	KIRIN SPORTS MI	JPN	3:00.64
14	SUMA RATIO SS	JPN	3:01.27
15	KAMIYASHIRO	JPN	3:01.79
16	MAINICHI TSUNAS	JPN	3:04.06

WOMEN -- 200 M. MEDLEY 160-199

1	POWERPOINTS	AUS	2:26.03
2	SAN DIEGO SWIM	USA	2:29.37
3	GREMIO SUL AMER	BRA	2:29.74

4	MAINICHI MASTER	JPN	2:36.52
5	TRILLIUM	CAN	2:37.34
6	MITAKASHI SUIEI	JPN	2:40.75
7	DURHAM LIGHT	NZL	2:41.37
8	KAMIYASHIRO	JPN	2:45.62
9	TAKAIDO SC	JPN	2:47.77
10	TOKYO TAMAGAWA	JPN	2:50.78
11	HAKUYOH	JPN	2:51.91
12	ITOMAN SS	JPN	2:55.10
13	YATSU CENTRAL	JPN	3:00.14
14	WAKAAYUKAI	JPN	3:00.16
15	ABIKO ITOMAN	JPN	3:02.34
16	SHINMATSUDO	JPN	3:02.77
17	YUUKARI SC	JPN	3:03.71
18	SAN MATEO	USA	3:04.74
19	DSS ICHIGAYA	JPN	3:05.78
20	KTV TOYONAKA	JPN	3:06.01
21	TOKYO DOLFIN	JPN	3:08.99
22	TOYAMA YUUEIKAI	JPN	3:09.65
23	MAINICHI TSUNAS	JPN	3:12.35
24	NORTH LODGE	AUS	3:13.37
25	KTV ISHIBASHI	JPN	3:14.34
26	WHARENUI	NZL	3:15.24
27	HEKKU TAKATSUKI	JPN	3:15.74
28	RAKUSUIKAI	JPN	3:16.80
29	KOUCHI ENKOUKAI	JPN	3:17.21
30	TOUSUI CLUB	JPN	3:17.69
31	HOUUEI GSS	JPN	3:18.21
32	N.VANCOUVER	CAN	3:18.84
33	NOBORITO SC	JPN	3:31.84
34	SENMAINICHI	JPN	3:43.67

WOMEN -- 200 M. MEDLEY 200-239

1	S.CALIFORNIA	USA	2:35.47
2	MAINICHI MASTER	JPN	2:51.11
3	HEKKU TAKATSUKI	JPN	2:54.18
4	POINTE CLAIQE	CAN	2:57.91
5	TRILLIUM	CAN	2:59.17
6	KOMAZAKI	JPN	2:59.74
7	MITAKASHI SUIEI	JPN	3:06.27
8	SAPPORO AC	JPN	3:08.88
9	LEISURE COAST	AUS	3:08.98
10	NOBORITO SC	JPN	3:11.16
11	DSS ICHIGAYA	JPN	3:13.15
12	MIZUHO SC	JPN	3:13.35
13	MIYAZAKI SADOHA	JPN	3:16.64
14	RAKUSUIKAI	JPN	3:17.09
15	OOTAKU FUJIN	JPN	3:20.26
16	IKEDA SC	JPN	3:29.22
17	RASA SS	JPN	3:38.44
18	WAKAAYUKAI	JPN	3:52.14
19	ASAHI CULUTURE	JPN	3:58.97

WOMEN -- 200 M. MEDLEY 240-279

1	NORTH LODGE	AUS	3:04.67
2	GREMIO SUL AMER	BRA	3:05.98
3	NOBORITO SC	JPN	3:13.06
4	MAINICHI MASTER	JPN	3:30.55
5	KINOKAWA SS	JPN	3:32.00
6	YOKOHAMA SUIEIK	JPN	3:34.80
7	SPORTS KAIKAN	JPN	3:39.36
8	TAKAIDO SC	JPN	3:39.47

WOMEN -- 200 M. MEDLEY 280-319

SWIMMING RESULTS - RELAYS

1 MAINICHI MASTER JPN 5:03.01	4 DOLFIN SC JPN 1:57.74	9 JAPAN ATHLETICS JPN 2:03.84
*****	5 TAIPEI TPE 1:58.15	10 OREGON MASTERS USA 2:04.06
M E N -- 200 M. FREE 100-119	6 MAINICHI MASTER JPN 2:00.82	11 TAIPEI TPE 2:04.11
*****	7 TAKAOKA SC JPN 2:00.93	12 SOSHIGAYA JPN 2:04.23
1 GEORGIA MASTERS USA 1:44.62	8 KOUCHI ENKOUKAI JPN 2:02.35	13 HAKUYOH SWIMMER JPN 2:04.74
2 GREMIO SUL AMER BRA 1:44.86	9 KUZUHAOTOKOYAMA JPN 2:03.53	14 NAS ATSUGI JPN 2:05.98
3 TOKYO MARINE JPN 1:50.65	10 SNAM ITA 2:04.15	15 BUBBLES SWIM USA 2:06.88
4 BUBBLES SWIM USA 1:52.27	11 TOKYO YMCA JPN 2:04.37	16 KANSAI SC JPN 2:16.94
5 MAINICHI MASTER JPN 2:05.20	12 S.CALIFORNIA USA 2:06.02	17 IBARAKITYUO JPN 2:17.62
6 MAINICHI TSUNAS JPN 2:12.00	13 DURHAM LIGHT NZL 2:06.15	18 TOKYO MARINE JPN 2:19.59
7 MAINICHI SS JPN 2:17.71	14 GREMIO SUL AMER BRA 2:06.23	19 MACHIDA SC JPN 2:21.77
*****	15 MITAKASHI SUIEI JPN 2:08.94	20 SENRIMAINICHI JPN 2:28.37
M E N -- 200 M. FREE 120-159	16 RONDO SS JPN 2:09.26	21 TAKASHIMADAIRA JPN 2:30.67
*****	17 TOKYO KAIYOUZEN JPN 2:11.64	22 MAINICHI SS JPN 2:38.23
1 LONE STAR USA 1:37.43	18 LONE STAR USA 2:14.42	23 KTV ISHIBASHI JPN 2:52.87
2 OLYMPIC CLUB USA 1:37.49	19 ASahi CHIBA JPN 2:14.61	*****
3 WARRINGHAM AUS 1:43.93	20 CENTRAL NARUSE JPN 2:15.41	M E N -- 200 M. MEDLEY 160-199
4 ASahi CHIBA JPN 1:45.44	21 SEIWADAI SS JPN 2:16.39	*****
5 GREMIO SUL AMER BRA 1:46.86	22 HAKUYOH SWIMMER JPN 2:16.82	1 KANSAI SC JPN 2:00.93
6 UBC MASTERS CAN 1:47.25	23 SAPPORO MASTERS JPN 2:17.81	2 ASahi CHIBA JPN 2:03.02
7 OREGON MASTERS USA 1:49.37	24 YASUHARA SC JPN 2:26.50	3 GREMIO SUL AMER BRA 2:03.70
8 HAKUYOH SWIMMER JPN 1:49.70	25 PACIFIC NORTHWE USA 2:29.93	4 S.CALIFORNIA USA 2:04.12
9 TAIPEI TPE 1:49.82	26 MAINICHI SS JPN 2:38.66	5 HONDA SC JPN 2:04.16
10 SOSHIGAYA JPN 1:50.00	27 POINTE CLAIQE CAN 2:43.31	6 YUU SS JPN 2:06.05
11 MAINICHI MASTER JPN 1:52.21	*****	7 SUGINAMIKU SUIE JPN 2:06.13
12 SAGINUMA SC JPN 1:54.80	M E N -- 200 M. FREE 240-279	8 LONE STAR USA 2:06.93
13 HEIWAJIMA JPN 1:54.84	*****	9 AQUA AZTECA MEX 2:09.36
14 NAS HANAHATA JPN 1:56.95	1 ISETAN SPORTS JPN 2:03.29	10 SAN DIEGO SWIM USA 2:09.99
15 TOKYO YMCA JPN 2:02.07	2 GREMIO SUL AMER BRA 2:08.50	11 TOYAMA YUUEIKAI JPN 2:11.70
16 MAINICHI TSUNAS JPN 2:07.43	3 OLYMPIC CLUB USA 2:11.96	12 HAKUYOH SWIMMER JPN 2:12.96
17 TOKYO MARINE JPN 2:10.34	4 KANAZAWA SC JPN 2:17.25	13 MAINICHI MASTER JPN 2:13.83
18 MAINICHI SS JPN 2:14.50	5 NAKADATE SS JPN 2:19.41	14 MOTHERWELL GBR 2:14.55
19 KSC OOTORI WING JPN 2:19.63	6 HEIWAJIMA SC JPN 2:20.98	15 MAINICHI TSUNAS JPN 2:19.45
20 NAGOYA SHINSYIU JPN 2:19.79	7 TOUSUIKAI JPN 2:21.25	16 NAS ATSUGI JPN 2:23.35
*****	8 YOKOHAMA SUIEIK JPN 2:22.73	17 MITAKASHI SUIEI JPN 2:24.25
M E N -- 200 M. FREE 160-199	9 SAN CHUNG TPE 2:28.59	18 TOUSUI CLUB JPN 2:27.29
*****	10 ROCKY MOUNTAIN USA 2:29.02	19 TOKYO DOLFIN JPN 2:28.03
1 OLYMPIC CLUB USA 1:43.93	11 MAINICHI TSUNAS JPN 2:32.43	20 HANKYU NISHIKYO JPN 2:28.33
2 SUGINAMIKU SUIE JPN 1:48.76	12 MAINICHI MASTER JPN 2:43.30	21 SHINTOKOROZAWA JPN 2:32.21
3 GREMIO SUL AMER BRA 1:51.59	13 HUIA NZL 2:44.52	22 HIGASHIOUME CEN JPN 2:34.55
4 KANSAI SC JPN 1:53.03	14 WARRINGAH AUS 2:47.48	23 HANKYU SPORTS JPN 2:37.89
5 LONE STAR USA 1:53.76	*****	24 FUJIIIDERA JPN 2:45.52
6 MOTHERWELL GBR 1:53.76	M E N -- 200 M. FREE 280-319	25 POINTE CLAIQE CAN 2:50.09
7 HAKUYOH SWIMMER JPN 1:56.01	*****	26 MAINICHI SS JPN 2:51.21
8 S.CALIFORNIA USA 1:56.80	1 MID ATLANTIC USA 2:18.63	27 SUMA PATIO SS JPN 3:07.52
9 AQUA AZTECA MEX 1:56.84	2 MAINICHI MASTER JPN 2:20.84	*****
10 SAN DIEGO SWIM USA 1:56.90	3 LONE STAR USA 2:25.31	M E N -- 200 M. MEDLEY 200-239
11 ODAWARA SC JPN 1:58.74	4 S.CALIFORNIA USA 2:34.00	*****
12 TOYAMA YUUEIKAI JPN 1:58.81	5 SAPPORO MASTERS JPN 2:43.88	1 OLYMPIC CLUB USA 2:13.08
13 NEC GREEN SS JPN 2:00.26	*****	2 WARRINGAH AUS 2:13.78
14 MAINICHI MASTER JPN 2:00.60	M E N -- 200 M. MEDLEY 100-119	3 LEISURE COAST AUS 2:14.72
15 TOKYO MARINE JPN 2:02.35	*****	4 DOLPHIN SC JPN 2:16.81
16 MAINICHI TSUNAS JPN 2:03.37	1 GREMIO SUL AMER BRA 1:52.72	5 LINCOLN MASTERS USA 2:18.26
17 SHINTOKOROZAWA JPN 2:03.93	2 TOKYO MARINE JPN 2:03.38	6 TOKYO YMCA JPN 2:18.27
18 MITAKASHI SUIEI JPN 2:04.78	3 MAINICHI MASTER JPN 2:11.71	7 DURHAM LIGHT NZL 2:21.01
19 BUSUIREN JPN 2:07.39	4 MAINICHI SS JPN 2:43.46	8 SNAM FRG 2:22.58
20 FUJIIIDERA SS JPN 2:10.97	*****	9 SAPPORO MASTERS JPN 2:23.07
21 NARA SS JPN 2:11.94	M E N -- 200 M. MEDLEY 120-159	10 NARITA SUIEI AI JPN 2:25.46
22 MAINICHI SS JPN 2:14.74	*****	11 TAIPEI TPE 2:25.72
23 HANKYU SPORTS JPN 2:26.44	1 OLYMPIC CLUB USA 1:52.54	12 MAINICHI MASTER JPN 2:28.30
24 SHINTOKOROZAWA JPN 2:30.37	2 LONE STAR USA 1:56.49	13 RONDO SS JPN 2:30.93
*****	3 WARRINGAH AUS 1:57.27	14 GREMIO SUL AMER BRA 2:31.42
M E N -- 200 M. FREE 200-239	4 UBC MASTERS CAN 2:00.03	15 KUZUHAOTOKOYAMA JPN 2:33.64
*****	5 GEORGIA MASTERS USA 2:00.06	16 MATSUSHIRO SC JPN 2:38.03
1 OLYMPIC CLUB USA 1:50.45	6 OLYMPIC CLUB USA 2:00.45	17 SEIWADAI SS JPN 2:38.65
2 LEISURE COAST AUS 1:53.40	7 GREMIO SUL AMER BRA 2:02.24	18 DURHAM LIGHT NZL 2:42.84
3 WARRINGAH AUS 1:56.22	8 MAINICHI MASTER JPN 2:03.71	19 KEIHAN SPORTS K JPN 2:47.98

SWIMMING RESULTS - RELAYS

20 SPORTIVA STURLA ITA 2:50.64
21 MAINICHI SS JPN 3:07.24

M E N -- 200 M. MEDLEY 240-279

1 MAINICHI MASTER JPN 2:28.42
2 OLYMPIC CLUB USA 2:28.81
3 GREMIO SUL AMER BRA 2:33.15
4 KANAZAWA SC JPN 2:38.06
5 NAKADATE SS JPN 2:43.66
6 MAINICHI TSUNAS JPN 3:28.62
7 YOKOHAMA SUIEIK JPN 3:42.98

M E N -- 200 M. MEDLEY 280-319

1 LONE STAR USA 2:51.98
2 MID ATLANTIC USA 3:01.51
3 S.CALIFORNIA USA 3:02.50
4 MAINICHI MASTER JPN 3:11.41
5 SAPPORO MASTERS JPN 3:29.30

MIXED -- 200 M. FREE 100-119

1 UBC MASTERS CAN 1:50.10
2 GEORGIA MASTERS USA 1:53.41
3 S.CALIFORNIA USA 1:56.68
4 POWERPOINTS AUS 1:57.32
5 GREMIO SUL AMER BRA 1:58.11
6 MAINICHI MASTER JPN 2:03.75
7 SUNWAY YOKOHAMA JPN 2:13.17
8 MAINICHI TSUNAS JPN 2:18.73

MIXED -- 200 M. FREE 120-159

1 LONE STAR USA 1:51.56
2 GREMIO SUL AMER BRA 1:51.73
3 SAN DIEGO SWIM USA 1:51.83
4 MAINICHI MASTER JPN 1:59.43
5 TOKYO YMCA JPN 2:01.41
6 OREGON MASTERS USA 2:02.73
7 DASH SHINDAITA JPN 2:04.20
8 UBC MASTERS CAN 2:05.69
9 TAIPEI TPE 2:09.67
10 REO ITOMAN JPN 2:10.46
11 HARBOUR CAPITAL NZL 2:11.77
12 BUBBLES SWIM USA 2:12.25
13 DURHAM LIGHT NZL 2:14.95
14 GEORGIA MASTERS USA 2:15.25
15 MAINICHI TSUNAS JPN 2:17.89
16 SUNWAY YOKOHAMA JPN 2:23.86
17 SENRIMAINICHI JPN 2:30.49
18 FUJIEDERA SS JPN 2:47.05

MIXED -- 200 M. FREE 160-199

1 KANSAI SC JPN 1:55.38
2 MOTHERWELL GBR 1:59.10
3 WARRINGAH AUS 1:59.73
4 ASAHI CHIBA JPN 2:02.15
5 S.CALIFORNIA USA 2:03.11
6 OREGON MASTERS USA 2:03.89
7 GREMIO SUL AMER BRA 2:04.75
8 HAKUYOH SWIMMER JPN 2:05.21
9 TOWNSVILLE AUS 2:07.63
10 NEC GREEN SS JPN 2:08.33
11 MAINICHI MASTER JPN 2:09.41
12 AQUA AZTECA MEX 2:11.18

13 MITAKASHI SUIEI JPN 2:12.77
14 TOKYO MARINE JPN 2:12.94
15 HEIWAJIMA SC JPN 2:14.43
16 DURHAM LIGHT NZL 2:14.62
17 YATSU CENTRAL JPN 2:16.39
18 SUMA PATIO SS JPN 2:18.83
19 KANAZAWA VIO JPN 2:19.23
20 NORTH SHORE NZL 2:20.94
21 MAINICHI TSUNAS JPN 2:25.95
22 POINTE CLAIQE CAN 2:28.46
23 SNAM ITA 2:29.01

MIXED -- 200 M. FREE 200-239

1 LEISURE COAST AUS 2:04.93
2 MAINICHI MASTER JPN 2:08.94
3 DURHAM LIGHT NZL 2:12.29
4 DOLPHIN SC JPN 2:14.33
5 ROCKY MOUNTAIN USA 2:15.02
6 SAN DIEGO SWIM USA 2:15.55
7 GREMIO SUL AMER BRA 2:16.97
8 MITAKASHI SUIEI JPN 2:17.84
9 NEW ENGLAND USA 2:18.19
10 TRILLIUM CAN 2:19.51
11 NORTH LODGE AUS 2:24.43
12 TAKAIDO SC JPN 2:26.29
13 WHARENUI NZL 2:29.82
14 NOBORITO SC JPN 2:33.14
15 POINTE CLAIQE CAN 2:33.46
16 KISHIWADA SS JPN 2:40.23
17 ODAWARA SC JPN 2:41.01
18 PACIFIC NORTHWE USA 2:41.17
19 MAINICHI TSUNAS JPN 2:41.67
20 TOSUI CLUB JPN 2:42.32
21 OREGON MASTERS USA 2:45.79
22 SUGAR CITY AUS 2:52.60

MIXED -- 200 M. FREE 240-279

1 S.CALIFORNIA USA 2:14.93
2 POWERPOINTS AUS 2:20.29
3 MAINICHI MASTER JPN 2:22.86
4 GREMIO SUL AMER BRA 2:24.48
5 POSEIDON BERLIN FRG 2:36.94
6 ITOMAN SS JPN 2:42.02
7 HEIWAJIMA SC JPN 2:45.48
8 WARRINGAH AUS 2:45.66
9 RAKUSUIKAI JPN 2:45.82
10 PACIFIC NORTHWE USA 2:50.39
11 ARIZONA MASTERS USA 2:53.13
12 SSG VILLE/HURTH FRG 2:54.47
13 YOKOHAMA SUIEIK JPN 2:56.60
14 MEGURO MASTERS JPN 3:22.66
15 ROCKY MOUNTAIN USA 3:31.16

MIXED -- 200 M. FREE 280-319

1 MAINICHI MASTER JPN 2:42.19
2 SAPPORO MASTERS JPN 2:51.40
3 YOKOHAMA SUIEIK JPN 3:44.33

MIXED -- 200 M. MEDLEY 100-119

1 GREMIO SUL AMER BRA 2:02.19
2 GEORGIA MASTERS USA 2:05.80
3 UBC MASTERS CAN 2:06.60
4 S.CALIFORNIA USA 2:10.69

5 POWERPOINT AUS 2:14.37
6 MAINICHI MASTER JPN 2:17.93
7 POINTE CLAIQE CAN 2:26.14

MIXED -- 200 M. MEDLEY 120-159

1 GREMIO SUL AMER BRA 2:05.60
2 SAN DIEGO SWIM USA 2:08.29
3 LONE STAR USA 2:12.25
4 MAINICHI MASTER JPN 2:18.98
5 OREGON MASTERS USA 2:19.91
6 ASAHI CHIBA JPN 2:24.97
7 UBC MASTERS CAN 2:26.86
8 GEORGIA MASTERS USA 2:27.19
9 MIYOSHINO SC JPN 2:28.03
10 HARBOUR CAPITAL NZL 2:34.15
11 DURHAM LIGHT NZL 2:34.56
12 MAINICHI TSUNAS JPN 2:42.89
13 OOTO SO LONG BEAC JPN 2:48.44

MIXED -- 200 M. MEDLEY 160-199

1 KANSAI SC JPN 2:09.17
2 OREGON MASTERS USA 2:17.83
3 WARRINGAH AUS 2:20.55
4 GREMIO SUL AMER BRA 2:21.41
5 MOTHERWELL GBR 2:22.26
6 HAKUYOH SWIMMER JPN 2:24.65
7 MAINICHI MASTER JPN 2:24.75
8 DURHAM LIGHT NZL 2:29.01
9 TOKYO MARINE JPN 2:32.29
10 TRILLIUM CAN 2:39.84
11 NORTH SHORE NZL 2:40.57
12 TOWNSVILLE AUS 2:44.02
13 TOSUI CLUB JPN 2:46.84
14 SNAM ITA 2:47.23
15 SUGAR CITY AUS 3:04.35

MIXED -- 200 M. MEDLEY 200-239

1 S.CALIFORNIA USA 2:23.62
2 MAINICHI MASTER JPN 2:27.06
3 LEISURE COAST AUS 2:27.76
4 DOLFIN SC JPN 2:31.59
5 GREMIO SUL AMER BRA 2:31.83
6 DURHAM LIGHT NZL 2:33.65
7 SAN DIEGO SWIM USA 2:34.90
8 TRILLIUM CAN 2:36.42
9 NEW ENGLAND USA 2:38.62
10 NORTH LODGE AUS 2:44.68
11 ROCKY MOUNTAIN USA 2:45.04
12 TAKAIDO SC JPN 2:45.41
13 MITAKASE SUIEIR JPN 2:47.70
14 POINTE CLAIQE CAN 2:51.41
15 TSU TOP SS JPN 2:59.34
16 MEGURO MASTERS JPN 2:59.53
17 CENTRAL FLORDIA USA 3:01.03
18 PACIFIC NORTHWE USA 3:08.54
19 MAINICHI TSUNAS JPN 3:09.97
20 WHARENUI NZL 3:15.53
21 RAKUSUIKAI JPN 3:18.27

MIXED -- 200 M. MEDLEY 240-279

1 GREMIO SUL AMER BRA 2:44.95
2 POWERPOINTS AUS 2:49.11
3 SAN MATEO USA 2:49.51



I [FINA](#) WORLD MASTERS CHAMPIONSHIPS - TOKYO JPN - JULY 12-16 1986

SWIMMING RESULTS - RELAYS

4	POSEIDON BERLIN	FRG	3:00.65
5	ARIZONA MASTERS	USA	3:06.64
6	SSG VILLE/HURTH	FRG	3:25.37
7	YOKOHAMA SUIEIK	JPN	3:46.86

MIXED -- 200 M. MEDLEY 280-319

1	S.CALIFORNIA	USA	3:03.75
2	SAPPORO MASTERS	JPN	3:25.88
3	MAINICHI MASTER	JPN	3:52.21