



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

SWIMMING RESULTS - WOMEN

*****				9	ROBIN KENNEDY	USA	2:29.93	1	HIROKO TAKUWA	JPN	1:07.20
WOMEN -- 25-29 -- 50 M. FREE				10	ELAINE PORTER	USA	2:37.42	2	KATALIN VIRAGH	HUN	1:07.68
*****				11	HOLLY RICE	USA	2:38.46	3	TRISCHA ZORN	USA	1:08.36
1	ANNA PETTIS-SCOTT	USA	27.06	12	DIANNE GEIBEL	USA	2:43.00	4	CAREN MAHN	GER	1:08.93
2	CAREN MAHN	GER	28.17	13	JACKIE SAXON	USA	2:46.78	5	SOPHIE PLANTE	CAN	1:09.76
3	ASTRID RADTKE	GER	28.70	14	CINDY MEIER	USA	2:58.81	6	GLAUCIA LUNKMOSS	BRA	1:10.67
4	CAROL OLSON	USA	28.86	*****				7	BEATE STEINHOF	GER	1:12.31
5	LINDA TANKERSLEY	USA	28.91	WOMEN -- 25-29 -- 400 M. FREE				8	TARYN GAULIEN	USA	1:13.80
6	SOPHIE PLANTE	CAN	29.04	*****				9	SARAH FUNNELL	GBR	1:14.55
7	CHRISSY LAMBERT	USA	29.08	1	CAROL MACINTYRE	GBR	4:42.38	10	AMY KNOTT	USA	1:15.57
8	NICOLA GORDON	GBR	29.31	2	NICOLA GORDON	GBR	4:52.23	11	LEANNE MCCONNELL	CAN	1:16.78
9	MICHELLE YOUNG	USA	30.11	3	AMY KNOTT	USA	4:52.45	12	ANNA MASON	USA	1:17.47
10	HEIKE HAENDEL	GER	30.33	4	JENNIFER SMITH	USA	4:53.40	13	C.MICHELLE YOUNG	USA	1:17.96
11	MARINA ZHIHAREVA	RUS	30.37	5	GISELA NEUMANN	GER	4:56.33	14	YVONNE MULTER	USA	1:19.30
12	DAWN RICHARDS	GBR	31.46	6	SOPHIE PLANTE	CAN	5:01.86	15	CHEN FANG-YUAN	TPE	1:19.47
13	JUDITH ERICKSON	USA	31.80	7	ANITA BENEDICT	USA	5:02.86	16	SUSANNE MOLERWIJK	NED	1:19.97
14	MELISSA KERKER	USA	32.27	8	YVONNE MULTER	USA	5:06.49	17	RAE LYNN SMITH	USA	1:22.42
15	ANN FEARRIN	USA	32.47	9	GLORIA NEMET	USA	5:09.19	18	JENNIFER ROCKE	USA	1:22.60
16	TRACEY GORDON	GBR	32.61	10	ROBIN KENNEDY	USA	5:18.73	19	ANNE BERRY	USA	1:28.61
17	LOUANNA BARNET	RSA	33.02	11	LOUROES CISNEROS	MEX	5:26.30	20	TRACY TUTAG	USA	1:29.02
18	JENNIFER ROCKE	USA	33.06	12	HOLLY RICE	USA	5:38.03	21	KAREN TALLMADGE	USA	1:31.55
19	EDNA LLORENS	MEX	33.12	13	MARTHA SHEHAN	USA	7:39.46	22	CINDY MEIER	USA	1:32.92
20	JACKIE SAXON	USA	33.35	*****				23	AMY HEPFER	USA	1:41.37
21	BETH WEIGEL	USA	33.54	WOMEN -- 25-29 -- 800 M. FREE				24	ANDRIENNE PLOSS	USA	1:52.34
22	DEBORAH CAVANAUGH	USA	34.64	*****				25	F.CHALIFOUR	CAN	2:03.13
*****				1	CAROL MACINTYRE	GBR	9:40.12	*****			
WOMEN -- 25-29 -- 100 M. FREE				2	AMY ALEXANDER	USA	10:01.89	WOMEN -- 25-29 -- 200 M. BACK			
*****				3	GISELA NEUMANN	GER	10:07.20	*****			
1	ANNA PETTIS-SCOTT	USA	1:00.63	4	ANITA BENEDICT	USA	10:25.60	1	HIROKO TAKUWA	JPN	2:28.44
2	CAREN MAHN	GER	1:01.90	5	YVONNE MULTER	USA	10:26.77	2	TRISCHA ZORN	USA	2:30.44
3	CAROL OLSON	USA	1:01.91	6	GLORIA NEMET	USA	10:34.71	3	KATALIN VIRAGH	HUN	2:31.65
4	CORRIN CONVIS	USA	1:02.34	7	ROBIN KENNEDY	USA	11:11.81	4	GLAUCIA LUNKMOSS	BRA	2:32.34
5	SOPHIE PLANTE	CAN	1:03.07	8	HOLLY RICE	USA	11:32.12	5	SOPHIE PLANTE	CAN	2:34.13
6	AMY KNOTT	USA	1:03.18	9	BARBARA KOLITSCH	USA	11:37.59	6	SARAH FUNNELL	GBR	2:43.63
7	LINDA TANKERSLEY	USA	1:03.21	10	DIANE GEIBEL	USA	11:53.28	7	LEANNE MCCONNELL	CAN	2:45.89
8	CAROL MACINTYRE	GBR	1:03.42	11	DEBORAH CAVANAUGH	USA	14:53.02	8	ANNA MASON	USA	2:47.20
9	NICOLA GORDON	GBR	1:03.46	*****				9	YVONNE MULTER	USA	2:47.33
10	ASTRID RADTKE	GER	1:03.53	WOMEN -- 25-29 -- 50 M. BACK				10	GILLIAN BURRIACK	USA	2:50.51
11	HEIKE HAENDEL	GER	1:04.52	*****				11	SUSANNE MOLERWIJK	NED	2:53.76
12	CHRISSY LAMBERT	USA	1:05.69	1	CAREN MAHN	GER	31.40	12	JENNIFER ROCKE	USA	3:01.88
13	MICHELLE YOUNG	USA	1:05.74	2	HIROKO TAKUWA	JPN	31.66	*****			
14	ROBERTA BARKER	GBR	1:07.15	3	KATALIN VIRAGH	HUN	31.91	WOMEN -- 25-29 -- 50 M. BRST			
15	MARINA ZHIHAREVA	RUS	1:07.54	4	TRISCHA ZORN	USA	32.43	*****			
16	DAWN RICHARDS	GBR	1:09.34	5	SOPHIE PLANTE	CAN	32.65	1	BEATE STEINHOF	GER	33.88
17	ANITA BENEDICT	USA	1:10.01	6	GLAUCIA LUNKMOSS	BRA	32.71	2	TRIS SCHLUETTER	GER	35.37
18	EDNA LLORENS	MEX	1:10.57	7	BEATE STEINHOF	GER	33.10	3	CAREN MAHN	GER	35.80
19	JUDITH ERICKSON	USA	1:10.79	8	CORNELIA EMBACHER	BRA	33.85	4	ROBERTA BARKER	GBR	37.36
20	ANN FEARRIN	USA	1:12.60	9	LEANNE MCCONNELL	CAN	35.37	5	JENNIFER UEBELE	USA	38.12
21	TRACY TUTAG	USA	1:12.96	10	MICHELLE YOUNG	USA	35.42	6	TRACY TUTAG	USA	38.82
22	JENNIFER ROCKE	USA	1:13.08	10	SARAH FUNNELL	GBR	35.42	7	JUDITH ERICKSON	USA	39.23
23	JACKIE SAXON	USA	1:15.67	12	CHEN FANG-YUAN	TPE	35.79	8	MARJAN VELDMAN	NED	39.47
24	F.CHALIFOUR	CAN	2:10.77	13	ANNA MASON	USA	36.23	9	BARBARA KOLITSCH	USA	41.75
*****				14	TRACEY GORDON	GBR	36.51	10	KAREN TALLMADGE	USA	41.87
WOMEN -- 25-29 -- 200 M. FREE				15	TRIS SCHLUETTER	GER	36.80	11	LOUANNA BARNET	RSA	42.06
*****				16	JENNIFER ROCKE	USA	37.92	12	ANN BULLER	USA	42.61
1	CAROL OLSON	USA	2:13.01	17	DAWN RICHARDS	GBR	38.61	13	DEBORAH CAVANAUGH	USA	46.29
2	CAROL MACINTYRE	GBR	2:13.74	18	JACKIE SAXON	USA	39.04	14	EDNA LLORENS	MEX	47.80
3	ANNA PETTIS-SCOTT	USA	2:14.37	19	KAREN TALLMADGE	USA	41.60	15	F.CHALIFOUR	CAN	1:20.70
4	AMY KNOTT	USA	2:15.75	20	DEBORAH CAVANAUGH	USA	45.18	*****			
5	AMY ALEXANDER	USA	2:20.01	21	F.CHALIFOUR	CAN	56.53	WOMEN -- 25-29 -- 100 M. BRST			
6	GISELA NEUMANN	GER	2:21.02	*****				*****			
7	ANITA BENEDICT	USA	2:25.67	WOMEN -- 25-29 -- 100 M. BACK				1	BEATE STEINHOF	GER	1:16.88
8	ROBERTA BARKER	GBR	2:28.61	*****				2	CORRIN CONVIS	USA	1:19.31



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SWIMMING RESULTS - WOMEN

3	TRIS SCHLUETTER	GER	1:20.40	31	EDNA LLORENS	MEX	40.81	23	CINDY MEIER	USA	3:28.41
4	SYLVIE POTVIN	CAN	1:23.89	32	DEBORAH CAVANAUGH	USA	44.85	*****			
5	ROBERTA BARKER	GBR	1:24.30	*****				WOMEN -- 25-29 -- 400 M. I.M.			
6	JENNIFER UEBELE	USA	1:24.55	*****				*****			
7	MARJAN VELDMAN	NED	1:26.66	*****				1	CONNY BLEUL	GBR	5:21.03
8	JUDITH ERICKSON	USA	1:28.54	*****				2	GLAUCIA LUNKMOSS	BRA	5:28.98
9	TRACEY GORDON	GBR	1:29.07	*****				3	AMY ALEXANDER	USA	5:34.51
10	TRACY TUTAG	USA	1:29.48	*****				4	YVONNE MULTER	USA	5:46.95
11	LORI NOSKOWIAK	USA	1:29.59	*****				5	JENNIFER UEBELE	USA	5:49.11
12	ROBIN KENNEDY	USA	1:29.89	*****				6	ANITA BENEDICT	USA	6:01.79
13	BARBARA KOLITSCH	USA	1:31.28	*****				7	GLORIA NEMET	USA	6:02.22
14	KAREN TALLMADGE	USA	1:34.16	*****				8	LEANNE MCCONNELL	CAN	6:08.23
15	F.CHALIFOUR	CAN	3:04.88	*****				9	LOUROES CISNEROS	MEX	6:12.08
*****				*****				10	BARBARA KOLITSCH	USA	6:20.42
*****				*****				*****			
WOMEN -- 25-29 -- 200 M. BRST				*****				WOMEN -- 30-34 -- 50 M. FREE			
*****				*****				*****			
1	BEATE STEINHOF	GER	2:48.83	12	LOUROES CISNEROS	MEX	1:12.54	1	BETH HARRELL	USA	28.21
2	CORRIN CONVIS	USA	2:53.85	13	LORI NOSKOWIAK	USA	1:14.24	2	LYNN MARSHALL	CAN	28.44
3	GISELA NEUMANN	GER	3:02.93	14	DAWN RICHARDS	GBR	1:15.95	3	MARY ROEBUCK	USA	28.50
4	ROBERTA BARKER	GBR	3:06.15	15	MARJAN VELDMAN	NED	1:16.81	4	KORNELLA GRUMNT	GER	28.62
5	MARJAN VELDMAN	NED	3:06.89	16	KRISTIN NELSEN	USA	1:16.81	5	E.SCHEIMANN	USA	28.67
6	ROBIN KENNEDY	USA	3:08.17	17	SUSANNE MOLERWIJK	NED	1:17.70	6	CATHY DROZDA	USA	28.70
7	KRISTIN NELSEN	USA	3:08.89	18	MARY VASTERLING	USA	1:20.42	7	DIANE DUNN	USA	29.17
8	GLORIA NEMET	USA	3:13.77	19	GAIL JERRERY	RSA	1:23.06	8	KOGSTAD GURI	NOR	29.28
9	JUDITH ERICKSON	USA	3:14.97	20	LIESL SMITH	USA	1:25.10	9	KATHY GARNIER	USA	29.46
10	TRACY TUTAG	USA	3:16.32	21	ANNE BERRY	USA	1:27.79	10	LANNY SCHAFFER	USA	29.56
11	BARBARA KOLITSCH	USA	3:23.36	*****				11	ANGELA FRANKE	GER	29.58
12	KAREN TALLMADGE	USA	3:24.38	*****				12	SHARON LAHEY	USA	29.65
13	LIESL SMITH	USA	3:39.22	*****				13	SHIRLEY PEACOCK	GBR	29.72
14	ANDRIENNE PLOSS	USA	4:06.08	*****				14	LAURI NICHOLS	USA	29.76
*****				*****				15	DEBORAH DOURLAIN	USA	29.81
*****				*****				16	SUZANNE HIGGS	AUS	29.85
WOMEN -- 25-29 -- 50 M. FLY				*****				17	JANA COPELIN	USA	29.86
*****				*****				18	BIRGIT HUNDT	GER	30.05
1	ANNA PETTIS-SCOTT	USA	28.82	*****				19	E.BURCHETT	USA	30.22
2	LINDA TANKERSLEY	USA	30.34	*****				20	EILEEN O'BRIEN	USA	30.36
3	TARYN GAULIEN	USA	30.72	*****				21	PETRA HAAS	GER	30.68
4	ASTRID RADTKE	GER	31.05	*****				22	VI HUFFMAN	NZL	30.82
5	JENNIFER UEBELE	USA	31.23	*****				23	SUSAN ROESCH	USA	30.92
6	HEIKE HAENDEL	GER	31.23	*****				24	JULIE PINKNEY	GBR	31.04
7	CHRISSEY LAMBERT	USA	31.42	*****				25	ROBIN KALMAN	USA	31.12
8	KIMBERLEE BRUNER	USA	31.54	*****				26	D.MARIA CRISTINA	BRA	31.15
9	CAROL OLSON	USA	31.66	*****				27	SHIRLEY CARINE	GBR	31.62
10	NICOLA GORDON	GBR	31.69	*****				28	MARIA PINTO MAGNO	VEN	31.66
11	CORNELIA EMBACHER	BRA	32.19	*****				29	ANDRA OZOLINS	USA	31.81
12	TRIS SCHLUETTER	GER	32.30	*****				30	JULIE BEAUMONT	GBR	31.98
13	HIROKO TAKUWA	JPN	32.48	*****				31	IRENA LUPINKOVA	CZE	32.08
14	JENNIFER SMITH	USA	32.72	*****				32	SARAH HRDMADA	USA	32.27
15	AMY ALEXANDER	USA	32.81	*****				33	C.BOUCKAERT	FRA	32.35
16	LORI NOSKOWIAK	USA	32.98	*****				34	INGRID POHL	GER	32.38
17	KRISTIN NELSEN	USA	32.99	*****				35	CAROLE MASSIE	USA	32.54
18	LOUROES CISNEROS	MEX	33.52	*****				36	MARIA KUSSEROW	GER	32.98
19	DAWN RICHARDS	GBR	33.57	*****				37	JANN BUTLER	USA	33.00
20	RAE LYNN SMITH	USA	34.45	*****				37	MICHELLE ROGERS	USA	33.00
21	BETH WEIGEL	USA	34.90	*****				39	CATHY WELTON	USA	33.31
22	TRACEY GORDON	GBR	35.22	*****				40	CARLA SPINOLO	MEX	33.39
23	MARJAN VELDMAN	NED	35.82	*****				41	MARIA UZDANETA	PER	33.49
24	ELAINE PORTER	USA	36.04	*****				42	KELLY BERGDOLL	USA	33.69
25	ANNE BERRY	USA	36.65	*****				43	PAMELA SMEIGH	USA	34.07
26	MELISSA KERKER	USA	36.74	*****				44	YASUKO TAKAYAMA	JPN	34.12
27	LIESL SMITH	USA	36.90	*****				45	CAROLINE HAINES	GBR	34.22
28	DIANNE GEIBEL	USA	39.49	*****				46	C.GETTELFINGER	USA	34.68
29	LOUANNA BARNET	RSA	39.75	*****							
30	CINDY MEIER	USA	40.16	*****							



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SWIMMING RESULTS - WOMEN

47	LIZ HANES	USA	34.77	15	LAURA KESSLER	USA	2:30.28	18	CATHERINE SHAVE	USA	13:06.34
48	CHIEKO MAEDA	JPN	34.80	16	MARGRIET LINGEMAN	NED	2:31.42	19	C.BOUCKAERT	FRA	13:08.86
49	GABRIELA SILVEYRA	ARG	35.70	17	SUSAN ROESCH	USA	2:32.45	20	MARYANN PETERSEN	USA	13:25.48
50	CARMEN MALDONADO	MEX	36.69	18	ROBIN KALMAN	USA	2:33.32	21	ALISON HAY	GBR	13:41.79
51	ELIZABETH RIBEIRO	BRA	39.62	19	M.OETTINGER	USA	2:39.80	22	MICHELLE CHAPMAN	GBR	15:49.61

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

1	LYNN MARSHALL	CAN	1:00.31	23	CAROLINE HAINES	GBR	2:50.85	1	KORNELIA GRUMMT	GER	32.47
2	BETH HARRELL	USA	1:00.57	24	MARYANN PETERSEN	USA	2:55.16	2	SHARON LAHEY	USA	32.54
3	MARY ROEBUCK	USA	1:00.60	25	LISA SWINEFORD	USA	2:55.86	3	ANDREA DEVUONO	USA	32.89
4	CATHY DROZDA	USA	1:02.09	25	JULIE BICKEL	USA	2:55.86	4	M OLIVER SEXSMITH	CAN	33.21
5	E.SCHEIMANN	USA	1:03.23	27	CATHERINE SHAVE	USA	2:58.08	5	DIANE DUNN	USA	33.59
6	KATHY GARNIER	USA	1:03.65	28	MICHELLE CHAPMAN	GBR	3:34.98	6	LANNY SCHAFFER	USA	33.85
7	KORNELLA GRUMNT	GER	1:04.09	*****							
8	SHARON LAHEY	USA	1:04.90	WOMEN -- 30-34 -- 400 M. FREE							
9	ANGELA FRANKE	GER	1:04.91	*****							
10	JULIE SEARS	USA	1:05.16	1	LYNN MARSHALL	CAN	4:33.22	9	ELENA SINITSINO	RUS	35.48
11	SUZANNE HIGGS	AUS	1:05.63	2	K.PARKER-MEDLIN	USA	4:35.06	11	SHIRLEY PEACOCK	GBR	36.82
12	DIANE DUNN	USA	1:05.68	3	MARY ROEBUCK	USA	4:38.54	12	JANN BUTLER	USA	37.56
13	SHIRLEY PEACOCK	GBR	1:05.72	4	DIANE BRADES	GBR	4:48.37	13	C.BOUCKAERT	FRA	37.67
14	MARGUERITE MEYER	USA	1:06.29	5	CARMELA ERTEL	GER	4:50.82	14	BEVERLEY WRIGHT	GBR	38.00
15	D.MARIA CRISTINA	BRA	1:06.96	6	MARGUERITE MEYER	USA	4:53.43	15	SARAH HRDMADA	USA	38.09
16	DEBORAH DOURLAIN	USA	1:07.06	7	ESTHER ISEPPI	SUI	4:54.65	16	ROBIN KALMAN	USA	38.60
17	SUSAN ROESCH	USA	1:08.21	8	COLLEEN DRISCOLL	USA	5:00.23	17	IRENA LUPINKOVA	CZE	39.57
18	BIRGIT HUNDT	GER	1:08.49	9	ERIN BORDEN	USA	5:07.98	18	MAG BOWEN	USA	39.74
19	SHIRLEY CARINE	GBR	1:08.72	10	KATHY GARNIER	USA	5:08.54	19	PETRA TUCHEN	GER	39.75
20	VERITY DOBBIE	GBR	1:08.81	11	EILEEN O'BRIEN	USA	5:10.08	20	MICHELLE ROGERS	USA	39.77
21	VI HUFFMAN	NZL	1:09.70	12	ANGELA FRANKE	GER	5:12.88	21	BEVERLEY MILLS	RSA	40.16
22	JANA COPELIN	USA	1:09.73	13	VERA OSTENDORF	GER	5:21.24	22	JANA COPELIN	USA	40.26
23	SARAH HRDMADA	USA	1:10.26	14	SUSAN ROESCH	USA	5:28.33	23	CHIEKO MAEDA	JPN	40.52
24	MARIA PINTO MAGNO	VEN	1:11.09	15	BEVERLEY WRIGHT	GBR	5:33.50	24	YASUKO TAKAYAMA	JPN	40.68
25	CAROLE MASSIE	USA	1:11.61	16	JILL HIGGINBOTHAM	USA	5:34.12	25	JULIE BEAUMONT	GBR	41.11
26	C.BOUCKAERT	FRA	1:12.07	17	RUTH BIELEFELD	USA	5:37.36	26	MARCELA BORGHINI	ARG	41.41
27	ANDRA OZOLINS	USA	1:12.55	18	LISA ROBERTS	USA	5:41.02	27	KELLY BERGDOLL	USA	42.25
28	MAG BOWEN	USA	1:13.28	19	PAMELA SMEIGH	USA	5:41.31	28	JANE COUDRET	USA	43.51
29	PAMELA SMEIGH	USA	1:14.12	20	NANCI SIROIS	USA	5:43.16	29	CAROLINE HAINES	GBR	44.05
30	IRENA LUPINKOVA	CZE	1:15.16	21	SARAH HRDMADA	USA	5:44.76	30	LIZ HANES	USA	44.71
31	MICHELLE ROGERS	USA	1:15.40	22	CARLA SPINOLO	MEX	5:46.29	*****			
32	LISA ROBERTS	USA	1:16.28	23	CHERYL ATCHLEY	USA	6:04.29	WOMEN -- 30-34 -- 100 M. BACK			
33	CAROLINE HAINES	GBR	1:16.73	24	ELIZABETH KENYON	HKG	6:15.58	*****			
34	KELLY BERGDOLL	USA	1:17.17	25	CATHERINE SHAVE	USA	6:18.86	1	ANDREA DEVUONO	USA	1:10.44
35	CARMEN MALDONADO	MEX	1:19.62	26	ALISON HAY	GBR	6:35.92	2	KORNELIA GRUMMT	GER	1:10.62
36	CATHERINE SHAVE	USA	1:23.05	*****							
37	ELIZABETH RIBEIRO	BRA	1:30.50	WOMEN -- 30-34 -- 800 M. FREE							
38	MICHELLE CHAPMAN	GBR	1:39.64	*****							

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

1	LYNN MARSHALL	CAN	2:09.12	1	LYNN MARSHALL	CAN	9:16.82	6	SANDRA ZIEMER	USA	1:12.84
2	MARY ROEBUCK	USA	2:11.10	2	K.PARKER-MEDLIN	USA	9:26.26	7	DIANE DUNN	USA	1:14.17
3	K.PARKER-MEDLIN	USA	2:11.66	3	MARY ROEBUCK	USA	9:37.87	8	JULIE PINKNEY	GBR	1:14.95
4	BETH HARRELL	USA	2:11.83	4	CARMELA ERTEL	GER	9:57.75	9	CAROLE MASSIE	USA	1:15.24
5	DIANE BRADES	GBR	2:15.25	5	MARGUERITE MEYER	USA	10:06.22	10	LAURI NICHOLS	USA	1:16.43
6	E.SCHEIMANN	USA	2:16.99	6	COLLEEN DRISCOLL	USA	10:18.89	11	DEBORAH DOURLAIN	USA	1:16.57
7	CARMELA ERTEL	GER	2:18.58	7	EILEEN O'BRIEN	USA	10:38.04	12	CRISTINA GRUGNI	ITA	1:17.80
8	CATHY DROZDA	USA	2:19.76	8	ESTHER ISEPPI	SUI	10:38.22	13	ELENA SINITSINO	RUS	1:18.81
9	KATHY GARNIER	USA	2:20.57	9	LAURA KESSLER	USA	10:56.75	14	MARGRIET LINGEMAN	NED	1:20.66
10	MARGUERITE MEYER	USA	2:22.29	10	VERA OSTENDORF	GER	11:10.57	15	BEVERLEY WRIGHT	GBR	1:21.32
11	EILEEN O'BRIEN	USA	2:24.51	11	KATHY GARNIER	USA	11:10.63	16	SUSAN ROESCH	USA	1:21.97
12	COLLEEN DRISCOLL	USA	2:24.96	12	MARY MORRIS	USA	11:29.85	17	MARY MORRIS	USA	1:22.24
13	JULIE PINKNEY	GBR	2:27.66	13	M.OETTINGER	USA	11:41.11	18	C.BOUCKAERT	FRA	1:23.41
14	SHIRLEY CARINE	GBR	2:28.99	14	CARLA SPINOLO	MEX	12:02.00	19	CHIEKO MAEDA	JPN	1:24.71
				15	MARGARET MORRIS	USA	12:03.07	20	ROBIN KALMAN	USA	1:25.38
				16	SHELLY MILLER	USA	12:29.55	21	VI HUFFMAN	NZL	1:26.22
				17	LISA SWINEFORD	USA	12:50.61	22	BEVERLEY MILLS	RSA	1:28.58



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

SWIMMING RESULTS - WOMEN

10	JULIE BOAZ	USA	2:44.60	28	ANN KRUG	USA	35.22	15	GLORIA BRITTON	USA	2:50.67
11	B.SILVA BERTANI	BRA	2:48.40	29	JUSSA ALMEIDA	BRA	36.99	16	ROSA ROBLES	MEX	2:53.96
12	LAURA KESSLER	USA	2:49.68	30	HELEN RODSAND	NOR	37.00	17	BETSY HOBBS	USA	2:56.54
13	STEPHANIE PORTER	USA	2:51.63	31	KATHY LANCASTER	USA	39.82	18	NANCY FRENCH	USA	2:56.77
14	E.BURCHETT	USA	2:53.11	32	BEATRIZ MONTERO	MEX	39.83	19	JILL DAY	USA	3:02.65
15	JILL HIGGINBOTHAM	USA	2:54.53	33	DIANE DALGLEISH	USA	40.71	20	JAN JOHNSON	USA	3:10.82
16	KAREN LODGE	USA	2:56.77	34	CHRISTINE BROWN	NZL	41.25	21	CHRISTINE BROWN	NZL	3:19.26
17	MARY MORRIS	USA	3:00.11	35	YUMIKO TASAKI	JPN	41.32	22	KATHY LANCASTER	USA	3:29.00
18	RUTH BIELEFELD	USA	3:09.36	36	BARBARA MILLNS	GBR	43.89	23	BARBARA MILLNS	GBR	3:37.54
19	CHERYL ATCHLEY	USA	3:09.78	37	KUMIKO YANAGA	JPN	49.98	*****			
20	CARLA SPINOLO	MEX	3:10.51	38	WENDY DUNLOP	CAN	51.40	WOMEN -- 35-39 -- 400 M. FREE			
21	AMY GROSKOPF	USA	3:11.38	39	EDITH CAHILL	NZL	59.91	*****			
22	JULIE BICKEL	USA	3:12.50	*****				1	KATHERINE BRANCH	USA	4:56.04
23	MARYANN PETERSEN	USA	3:23.24	*****				2	DEBORAH CAIN	USA	5:08.13
*****				*****				3	DANIEL OGIER	USA	5:09.41
WOMEN -- 30-34 -- 400 M. I.M.				*****				4	ANN DE PRAETER	CAN	5:24.99
*****				*****				5	JOANNE BOWSER	USA	5:29.39
1	DIANE BRADES	GBR	5:24.86	1	K.TREBESINER	USA	1:02.59	6	CHERYL WARNER	GBR	5:34.20
2	LYNN MARSHALL	CAN	5:25.03	2	ALYSON JONES	GBR	1:02.70	7	ROSANNA SIKORA	USA	5:34.29
3	ANDREA DEVUONO	USA	5:27.05	3	HELEN RYAN	USA	1:05.78	8	KRIS WINGENROTH	USA	5:37.48
4	JULIE SEARS	USA	5:29.57	4	TERRI HOPPENRATH	USA	1:05.82	9	VICKY SANDBERG	USA	5:38.55
5	K PARKER-MEDLIN	USA	5:30.42	5	KAREN HOGAN	USA	1:06.64	10	JANE JOLLY	IRE	5:43.65
6	ESTHER ISEPPI	SUI	5:39.11	6	PATRICIA KIMBALL	USA	1:10.21	11	PAM GEIGER	USA	5:44.47
7	ERIN BORDEN	USA	5:42.37	7	BARBARA RICHMIRE	CAN	1:10.63	12	ANITA ALLEN	USA	5:45.65
8	B SILVA BERTANI	BRA	5:50.65	8	FERNA CHANGANAZUI	PER	1:11.13	13	MARGARET HAIR	USA	5:50.63
9	MARGUERITE MEYER	USA	5:52.29	9	MARGARET HAIR	USA	1:13.31	14	PATRICIA BAYERS	USA	5:52.49
10	JULIE BOAZ	USA	5:54.10	10	PATRICIA SCHENKEL	USA	1:13.96	15	SHANNON SULLIVAN	USA	6:02.89
11	STEPHANIE PORTER	USA	5:56.44	11	NAN WITCHER	USA	1:14.31	16	NORA MALDONADO	MEX	6:05.13
12	CRISTINA GRUGNI	ITA	5:58.01	12	ANITA ALLEN	USA	1:14.65	17	MARIE CATTIE	USA	6:10.55
13	VERA OSTENDORF	GER	6:04.53	13	NORA MALDONADO	MEX	1:16.16	18	NANCY FRENCH	USA	6:12.87
14	NANCI SIROIS	USA	6:26.14	14	CAROL FLEMING	USA	1:17.47	19	BETSY HOBBS	USA	6:13.68
15	RUTH BIELEFELD	USA	6:36.21	15	ROSA ROBLES	MEX	1:18.25	20	CINDY HAUBER	USA	6:18.42
16	A.GUTIERREZ	MEX	9:17.93	16	M.SHERLETON	USA	1:18.38	21	SILVIA ALMADA	BRA	6:22.31
*****				17	JAN HINSON	USA	1:18.42	22	JANE BAKI	USA	6:27.72
*****				18	CHERYL WARNER	GBR	1:18.56	23	DESIRE DALIA	USA	6:31.93
WOMEN -- 35-39 -- 50 M. FREE				19	CINDY HAUBER	USA	1:18.93	24	JAN JOHNSON	USA	6:33.13
*****				20	ANN KRUG	USA	1:21.26	25	CHUNG HSIAO-YEN	TPE	7:19.23
1	K.TREBESINER	USA	28.78	21	HELEN RODSAND	NOR	1:23.17	26	DIXIE DEVRY	USA	7:33.72
2	ALYSON JONES	GBR	29.16	22	JANE BAKI	USA	1:24.71	27	BEATRIZ SCHULZE	ARG	7:49.14
3	HELEN RYAN	USA	29.79	23	JUSSA ALMEIDA	BRA	1:25.48	28	EDITH DOLATA	BRA	8:26.68
4	KAREN HOGAN	USA	30.02	24	LOU CORONES	USA	1:26.64	*****			
5	TERRI HOPPENRATH	USA	30.09	25	KATHY LANCASTER	USA	1:27.79	WOMEN -- 35-39 -- 800 M. FREE			
6	MYR FERREIRA	BRA	31.41	26	BEATRIZ MONTERO	MEX	1:29.57	*****			
7	JANE JOLLY	IRE	31.50	27	CHRISTINE BROWN	NZL	1:31.45	1	KAREN FARNSWORTH	USA	10:05.82
8	PATRICIA KIMBALL	USA	31.58	28	HITOMI HATTORI	JPN	1:32.16	2	KATHERINE BRANCH	USA	10:08.13
9	KAREN MCLARTY	USA	31.67	29	BARBARA MILLNS	GBR	1:37.75	3	MARY CURL	USA	10:20.61
10	INGE GUTSCHER	GER	31.85	30	WENDY DUNLOP	CAN	1:53.63	4	D.OGIER-POLLARD	USA	10:34.86
11	KAREN MELICK	USA	31.98	31	EDITH CAHILL	NZL	2:29.06	5	KRIS WINGENROTH	USA	11:07.21
12	SALLY MILLS	GBR	31.99	*****				6	EMILY HOLZFASTER	USA	11:19.25
13	M.LEEUWEN-VERMAAT	NED	32.10	*****				7	ANN DE PRAETER	CAN	11:27.92
14	PATRICIA SCHENKEL	USA	32.16	*****				8	ROSANNA SIKORA	USA	11:29.51
15	FERNA CHANGANAZUI	PER	32.30	1	K.TREBESINER	USA	2:19.71	9	SALLY MILLS	GBR	11:33.93
16	EMILY HOLZFASTER	USA	32.33	2	KATHERINE BRANCH	USA	2:21.52	10	PAM GEIGER	USA	11:36.17
17	ANN GUINS	USA	32.41	3	DANIEL OGIER	USA	2:22.00	11	SUSAN BLOOMFIELD	USA	12:05.23
18	MARGARET HAIR	USA	32.51	4	MARY CURL	USA	2:22.65	12	ANITA ALLEN	USA	12:10.53
19	JAN HINSON	USA	33.20	5	TERRI HOPPENRATH	USA	2:26.78	13	GAIL RIPPE	USA	12:23.34
20	NAN WITCHER	USA	33.48	6	DEBORAH CAIN	USA	2:26.81	14	MARINA ROCHTCHINA	RUS	12:29.12
21	ROSA ROBLES	MEX	33.68	7	ANN DE PRAETER	CAN	2:31.54	15	MARIE CATTIE	USA	12:53.32
22	SALLY MOLONEY	USA	34.17	8	KATHIE COVARD	USA	2:31.63	16	BETSY HOBBS	USA	12:58.43
23	JACLYN HUFF	USA	34.21	9	KAREN MCLARTY	USA	2:31.67	17	PATRICIA BAYERS	USA	13:02.18
24	M.SHERLETON	USA	34.31	10	EMILY HOLZFASTER	USA	2:33.28	18	DESIRE DALIA	USA	13:04.89
25	NORA MALDONADO	MEX	34.50	11	SALLY MILLS	GBR	2:34.39	19	CHRISTINE BROWN	NZL	15:16.93
26	SANDY BAXTER	USA	34.90	12	ROSANNA SIKORA	USA	2:38.33	20	BEATRIZ SCHULZE	ARG	15:35.93
27	ELKE GATTER	GER	34.94	13	ANITA ALLEN	USA	2:44.25	*****			
*****				14	GAIL RIPPE	USA	2:44.31	*****			



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SWIMMING RESULTS - WOMEN

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

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

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

1	KAREN FARNSWORTH	USA	1:12.80
2	KATHERINE BRANCH	USA	1:14.96
3	M.LEEUWEN-VERMAAT	NED	1:16.52
4	HELEN RYAN	USA	1:16.77
5	CATHERIN KOHN	USA	1:17.19
6	MARY CURL	USA	1:17.32
7	DEBORAH CAIN	USA	1:19.75
8	LAURIE ROBINSON	USA	1:20.20
9	TERRI HOPPENRATH	USA	1:20.40
10	EMILY HOLZFASTER	USA	1:20.83
11	BARBARA RICHMIRE	CAN	1:21.00
12	VICKY SANDBERG	USA	1:21.43
13	JOANNE BOWSER	USA	1:21.85
14	ANN GUINS	USA	1:22.28
15	KATHY HOFSTETTER	USA	1:23.90
16	NAN WITCHER	USA	1:26.65
17	C.FRYDRYCH	RSA	1:29.93
18	MARIE CATTIE	USA	1:36.38
19	NANCY FRENCH	USA	1:38.11
20	SHERYL FISHER	USA	1:38.29
21	LAURA MELDRUM	USA	1:38.91
22	CHRISTINE BROWN	NZL	1:48.89
23	BARBARA MILLNS	GBR	1:50.40
24	EDITH CAHILL	NZL	2:45.24

WOMEN -- 35-39 -- 200 M. BACK

1	KAREN FARNSWORTH	USA	2:35.44
2	KATHERINE BRANCH	USA	2:37.93
3	K.TREBESINER	USA	2:42.82
4	MARYANN STEVENS	USA	2:44.76
5	CATHERIN KOHN	USA	2:49.78
6	DEBORAH CAIN	USA	2:50.06

7	M.LEEUWEN-VERMAAT	NED	2:50.56
8	LAURIE ROBINSON	USA	2:52.45
9	JOANNE BOWSER	USA	2:52.59
10	BARBARA RICHMIRE	CAN	2:53.33
11	LEE HUFFMAN	NZL	2:55.16
12	EMILY HOLZFASTER	USA	2:55.48
13	VICKY SANDBERG	USA	2:58.72
14	KATHY HOFSTETTER	USA	3:02.01
15	JILL VANDERFLEET	USA	3:02.26
16	ANN DE PRAETER	CAN	3:02.85
17	C.FRYDRYCH	RSA	3:17.40
18	MARIE CATTIE	USA	3:26.40
19	LAURA MELDRUM	USA	3:29.41
20	NANCY FRENCH	USA	3:32.46
21	BARBARA MILLNS	GBR	3:54.01
22	TUULA TYPPO	FIN	5:12.72

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

1	KAREN MELICK	USA	36.34
2	MAYSA AMADO	BRA	36.93
3	GILLIAN CACKETT	GBR	37.38
4	AMANDA HEATH	GBR	37.60
5	JUDY HOOGLAND	CAN	38.16
6	L.BENNETT-WILLIAM	USA	39.53
7	MARA BOSSOW	USA	40.33
8	KIM CROUNSE	USA	40.64
9	WENDY ROTTMANN	CAN	41.49
10	NORA MALDONADO	MEX	41.84
11	LISA ROSS	USA	42.87
12	FERNA CHANGANAZUI	PER	43.03
13	SILVIA ALMADA	BRA	43.12
14	M.SHERLETON	USA	43.79
15	MARGARET HAIR	USA	44.55
16	C.FRYDRYCH	RSA	44.59
17	HELEN RODSAND	NOR	44.87
18	JAN HINSON	USA	45.00
19	LAURA PACHECO IZA	PER	45.13
20	MANUELA MAIWALD	GER	45.32
21	M.YANKELIOVICH	ARG	45.41
22	MARGARIDA PASSOS	BRA	46.57
23	HITOMI HATTORI	JPN	46.98
24	ELKE GATTER	GER	47.01
25	BEATRIZ MONTERO	MEX	47.64
26	JUSSA ALMEIDA	BRA	49.45
27	LOU CORONES	USA	49.59
28	CINDY HAUBER	USA	49.75
29	JANE BAKI	USA	49.89
30	DIANE DALGLEISH	USA	53.68
31	KATHY LANCASTER	USA	54.63
32	MIYUKI YANAI	JPN	1:09.82
33	EDITH CAHILL	NZL	1:26.64

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

1	KAREN MELICK	USA	1:20.93
2	AMANDA HEATH	GBR	1:23.46
3	GILLIAN CACKETT	GBR	1:23.99
4	MAYSA AMADO	GBR	1:24.34
5	JUDY HOOGLAND	CAN	1:25.01
6	DONNA NEARY	USA	1:25.81
7	KAREN MCLARTY	USA	1:27.44
8	CATHERIN KOHN	USA	1:27.78

9	L.BENNETT-WILLIAM	USA	1:28.02
10	M.HILLENBRAND	GER	1:28.52
11	LAURIE ROBINSON	USA	1:29.41
12	JAN TRUCHAN	USA	1:29.58
13	KATHIE COVARD	USA	1:31.35
14	KIM CROUNSE	USA	1:31.57
15	WENDY ROTTMANN	CAN	1:31.90
16	MARA BOSSOW	USA	1:31.99
17	OLGA DAVIDOVA	RUS	1:32.16
18	CHERYL WARNER	GBR	1:33.48
19	NORA MALDONADO	MEX	1:33.60
20	SUSAN BLOOMFIELD	USA	1:34.45
21	M.SHERLETON	USA	1:36.28
22	LISA ROSS	USA	1:36.92
23	C.FRYDRYCH	RSA	1:40.65
24	LAURA PACHECO IZA	PER	1:41.86
25	SILVIA ALMADA	BRA	1:43.13
26	SALLY MOLONEY	USA	1:44.65
27	JANE BAKI	USA	1:45.95
28	MARGARIDA PASSOS	BRA	1:46.39
29	DIXIE DEVRY	USA	1:47.47
30	ANN KRUG	USA	1:47.84
31	BEATRIZ MONTERO	MEX	1:48.61
32	LOU CORONES	USA	1:49.11
33	JUSSA ALMEIDA	BRA	1:57.04

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

1	KAREN MELICK	USA	2:55.07
2	AMANDA HEATH	GBR	2:58.59
3	GILLIAN CACKETT	GBR	2:59.62
4	ARRIETTA CLAUSS	USA	3:02.84
5	DONNA NEARY	USA	3:05.12
6	KAREN MCLARTY	USA	3:08.27
7	CATHERIN KOHN	USA	3:09.75
8	D.OGIER-POLLARD	USA	3:09.77
9	LAURIE ROBINSON	USA	3:11.53
10	M.HILLENBRAND	GER	3:11.98
11	L.BENNETT-WILLIAM	USA	3:15.64
12	KATHIE COVARD	USA	3:17.15
13	JAN TRUCHAN	USA	3:17.54
14	VICKY SANDBERG	USA	3:18.58
15	SUSAN BLOOMFIELD	USA	3:18.84
16	KIM CROUNSE	USA	3:20.29
17	NORA MALDONADO	MEX	3:23.74
18	OLGA DAVIDOVA	RUS	3:27.18
19	M.SHERLETON	USA	3:30.73
20	LISA ROSS	USA	3:31.98
21	JAN HINSON	USA	3:42.90
22	MARGARIDA PASSOS	BRA	3:45.95
23	SILVIA ALMADA	BRA	3:46.90
24	BEATRIZ SCHULZE	ARG	4:12.22

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

1	HELEN RYAN	USA	31.37
2	KAREN HOGAN	USA	31.44
3	K.TREBESINER	USA	31.77
4	DONNA NEARY	USA	32.21
5	M.FERREIRA	BRA	33.28
6	SALLY MILLS	GBR	33.43
7	MAYSA AMADO	GBR	33.60
8	TERRI HOPPENRATH	USA	33.79



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SWIMMING RESULTS - WOMEN

3	JONELLE SCHMIDT	USA	2:28.99	8	JOAN DIERCKS	USA	11:54.33	1	JUDY STEFANICK	USA	2:45.63				
4	F.WILLIAMSON	USA	2:29.49	9	SUSAN BEHLER	USA	12:10.70	2	ANNE CORK	GBR	2:46.83				
5	LINDSAY POWELL	GBR	2:31.41	10	NANCY MILLER	USA	12:19.05	3	JONELLE SCHMIDT	USA	2:52.59				
6	CONNY BOER-BUYS	NED	2:32.28	11	BARBARA LARSEN	USA	13:18.45	4	STEPHANIE WALSH	USA	2:59.78				
7	CYNTHIA JONES	USA	2:33.04	12	SANDRA CATHEY	USA	13:18.87	5	N.MIKHAILOVA	RUS	3:00.05				
8	ERNA HATTINSH	RSA	2:33.20	13	MAGGIE FILLIMORE	NZL	13:31.84	6	S.LEE-SHERIDAN	USA	3:04.68				
9	AVILA JUDELSON	NZL	2:36.74	14	SEIJA SKYTТА	FIN	13:48.95	7	PETRA ANDRAS	USA	3:06.74				
10	ANNE PAGE	USA	2:36.88	15	EVA PALMER	GBR	14:29.06	8	SUSAN BEHLER	USA	3:08.01				
11	VHLENTTNA LOUKINA	RUS	2:37.89	16	LETICIA MONROY	MEX	14:35.94	9	TRACY ARNDT	USA	3:08.54				
12	MIREILLE RICHTER	SUI	2:40.62	17	KATE SUTHERLAND	USA	15:00.21	10	MOLLY MEYERS	USA	3:09.65				
13	NANCY MILLER	USA	2:42.97	18	LINA GRAVEL	CAN	15:05.88	11	MIREILLE RICHTER	SUI	3:14.55				
14	SUSAN BEHLER	USA	2:47.50	19	MARGARET FAIRHALL	NZL	15:08.59	12	M.JOSE JANNEKEYN	FRA	3:14.71				
15	SEIJA SKYTТА	FIN	3:06.53	20	MIYAKO NAKAMURA	JPN	17:01.23	13	BARBARA LARSEN	USA	3:15.62				
16	RAQUEL FERNANDEZ	ARG	3:10.42	*****							14	C.WILDER-TAMME	USA	3:20.01	
17	MAGGIE FILLIMORE	NZL	3:11.54	WOMEN -- 40-44 -- 50 M. BACK							15	VICTORIA HUSEMAN	USA	3:22.23	
18	LETICIA MONROY	MEX	3:15.02	*****							16	CHRIS SCHZEICHER	USA	3:25.21	
19	EVA PALMER	GBR	3:20.73	1	JUDY STEFANICK	USA	34.49	17	SUZY JOHNSON	USA	3:25.89				
20	MARGARET FAIRHALL	NZL	3:26.89	2	ANNE CORK	GBR	36.43	18	EDITH JACOBSEN	USA	3:36.17				
21	LINA GRAVEL	CAN	3:29.78	3	MAGDOLNA PATOH	HUN	36.94	19	BEVERLEY CORBETT	NZL	3:38.96				
22	HARUMI MOROISHI	JPN	4:00.17	4	PETRA ANDRAS	USA	38.57	20	MARGARET PRATT	CAN	3:47.05				
23	MASAKO SAITO	JPN	4:10.91	5	ADELINA SALAZAR	VEN	39.47	21	LINDA BRETT	CAN	4:16.95				
*****												22	MASAKO SAITO	JPN	4:23.34
WOMEN -- 40-44 -- 400 M. FREE												*****			
*****												WOMEN -- 40-44 -- 50 M. BRST			
*****												*****			
1	CELESTE MILLER	USA	5:14.47	9	BARBARA UIBLE	USA	41.78	1	A.WRIGHT-BELKNAP	USA	37.80				
2	R.VIVANCO D YORI	PER	5:18.62	10	SUZY JOHNSON	USA	42.52	2	UTA HOFFMANN	GER	38.57				
3	SHIRLEY LOFTUS	USA	5:20.40	11	C.WILDER-TAMME	USA	42.68	3	RUTH THOMPSON	GBR	39.13				
4	SHERRY KITTRELL	USA	5:20.67	12	RONNIE PHILBIN	USA	43.19	4	REGULA STEIGER	SUI	39.27				
5	ERNA HATTINSH	RSA	5:22.56	13	SEIJA SKYTТА	FIN	45.73	5	CHRISTIE SLIMAK	USA	40.04				
6	LINDSAY POWELL	GBR	5:23.47	14	BEVERLEY CORBETT	NZL	46.70	6	KATHRINE CASEY	USA	41.24				
7	MIREILLE RICHTER	SUI	5:28.50	15	MARGARET PRATT	CAN	47.21	7	MEEGAN WILSON	USA	41.58				
8	VHLENTTNA LOUKINA	RUS	5:34.88	16	YOSHIMI MORITA	JPN	47.46	8	PATRICIA STEPHAN	GER	41.95				
9	AVILA JUDELSON	NZL	5:36.22	17	PAM INGLIS	AUS	50.58	9	NANCY MILLER	USA	42.06				
10	KATHRINE CASEY	USA	5:37.45	18	KINUE MAEKAWA	JPN	53.43	10	SALLY HASBROOK	USA	42.33				
11	MOLLY MEYERS	USA	5:38.73	19	DENISE BATES	NZL	54.34	11	CAROL COWEN	USA	42.95				
12	NANCY MILLER	USA	5:45.68	20	CHRISTINE PETERS	NZL	58.87	12	JULIE GOODRICH	USA	43.07				
13	JOAN DIERCKS	USA	5:47.31	21	LINDA BRETT	CAN	1:00.04	13	ISOLDE KOENIG	GER	44.38				
14	SUSAN BEHLER	USA	5:47.69	22	KUMIKO BAMBA	JPN	1:03.24	14	LIVSA LAAKSO	FIN	45.41				
15	CATHERINE QUILL	USA	5:55.99	23	KINUKO TAKAMURA	JPN	1:09.98	15	BEVERLY ARNOLD	USA	45.49				
16	C.WILDER-TAMME	USA	6:06.06	*****							16	JUDY GILLIES	USA	46.09	
17	LIZ MITCHELL	AUS	6:08.61	WOMEN -- 40-44 -- 100 M. BACK							17	CHRIS SCHZEICHER	USA	46.76	
18	BARBARA BRAND	USA	6:14.43	*****							18	SOLVEIG GRWBBER	USA	46.97	
19	JUDY GILLIES	USA	6:18.25	1	JUDY STEFANICK	USA	1:16.47	19	V.WOHLFAHRT	GER	46.99				
20	SOLVEIG GRWBBER	USA	6:33.37	2	ANNE CORK	GBR	1:18.73	20	CHIZUKO OKAMURA	JPN	47.18				
21	LINDA TERRY	USA	6:51.31	3	JONELLE SCHMIDT	USA	1:22.13	21	EMMA BORZONE	ARG	47.32				
22	RAQUEL FERNANDEZ	ARG	6:57.73	4	PETRA ANDRAS	USA	1:25.08	22	YOSHIMI MORITA	JPN	49.58				
23	AVA PALMER	GBR	7:08.72	5	N.MIKHAILOVA	RUS	1:26.01	23	DENISE BATES	NZL	50.47				
24	LETICIA MONROY	MEX	7:09.41	6	MARIE JANNEKEYN	FRA	1:28.40	24	LINDA TERRY	USA	50.87				
25	LINA GRAVEL	CAN	7:28.95	7	VICTORIA HUSEMAN	USA	1:31.52	25	MIYAKO NAKAMURA	JPN	52.46				
26	SALLIE THOMPSON	USA	7:51.62	8	BARBARA LARSEN	USA	1:31.58	26	ETSUKO FURUSAWA	JPN	56.25				
27	LELIANE SANTOS	BRA	7:56.05	9	SUSAN BEHLER	USA	1:32.70	27	KINUE MAEKAWA	JPN	58.30				
28	HSU KUEI-YUEH	TPE	8:08.15	10	CHRIS SCHZEICHER	USA	1:35.26	28	KINUKO TAKAMURA	JPN	1:01.31				
29	LINDA BRETT	CAN	8:17.62	11	RONNIE PHILBIN	USA	1:39.42	29	CHRISTINE PETERS	NZL	1:02.02				
*****												30	HIROMO NISHINAKA	JPN	1:04.19
WOMEN -- 40-44 -- 800 M. FREE												*****			
*****												WOMEN -- 40-44 -- 100 M. BRST			
*****												*****			
1	CELESTE MILLER	USA	10:33.08	15	LINA GRAVEL	CAN	1:48.02	1	A.WRIGHT-BELKNAP	USA	1:26.21				
2	MIREILLE RICHTER	SUI	11:12.47	16	KATE SUTHERLAND	USA	1:50.04	2	UTA HOFFMANN	GER	1:26.66				
3	LINDSAY POWELL	GBR	11:13.81	17	MASAKO SAITO	JPN	2:07.08	3	REGULA STEIGER	SWE	1:28.33				
4	ERNA HATTINSH	RSA	11:14.95	18	CHRISTINE PETERS	NZL	2:12.97	4	PAULA PORTER	USA	1:29.50				
5	F.WILLIAMSON	USA	11:26.26	*****							5	MEEGAN WILSON	USA	1:30.52	
6	CYNTHIA JONES	USA	11:27.33	WOMEN -- 40-44 -- 200 M. BACK							*****				
7	MOLLY MEYERS	USA	11:34.55	*****							*****				



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

SWIMMING RESULTS - WOMEN

19	J.VALLANDIGHAM	USA	1:42.92	*****	13	MARYANN TURBITT	NZL	1:34.42			
20	EMA BARFOOT	ARG	1:43.49	1	JANE KATZ	USA	11:19.29	14	LINDA TEPE	USA	1:34.84
21	BARBARA PEDDIE	NZL	1:45.55	2	SALLY DILLON	USA	11:21.01	15	LINDA SMITH	USA	1:36.07
22	JUTTA FIEDLER	GER	1:46.80	3	MARCY BULLOCK	USA	11:49.72	16	PATRICIA RIEG	USA	1:38.01
23	ELLIE TREVISON	USA	1:50.60	4	BIEDERMAN-BUKOWK	CAN	12:10.89	17	SHIRLEY KING	USA	1:39.27
*****				5	PAT MALEY	USA	12:28.96	18	CATHY BIRSFIELD	USA	1:41.21
WOMEN -- 45-49 -- 200 M. FREE				6	L.RAMOS MORAES	BRA	12:31.68	19	LIZ BURCH	AUS	1:41.81
*****				7	H.MCLAREN	RSA	12:52.18	20	HIROKO MIHORI	JPN	1:43.37
1	CAROLYN BOAK	USA	2:30.40	8	VICKI BUCCINO	USA	12:55.78	21	CHRIS GILLIGAN	USA	1:43.53
2	SANDRA O'NEIL	GBR	2:32.10	9	LINDA TEPE	USA	13:06.42	22	FREDERICKA RAPP	USA	1:44.45
3	SHARON WISE	USA	2:33.26	10	SARA SACHS	USA	13:25.69	23	NICOLE LASNE	FRA	1:44.67
4	SALLY DILLON	USA	2:33.50	11	LYNNETTE HYNDS	NZL	13:53.02	24	MARTINE GRIMALDI	FRA	1:45.83
5	LUCY JOHNSON	USA	2:35.16	12	CRISTINA ALVARES	BRA	14:12.75	25	CHARLOTTE CANIDA	USA	1:53.81
6	BRIGITTE MERTEN	GER	2:36.40	13	MARIA LAMPERTI	ITA	14:57.97	26	CAROLE BORLAND	USA	1:55.39
7	JACKIE MARR	USA	2:40.30	14	ANNIE SMITS	NED	15:17.90	27	BARBARA PEDDIE	NZL	1:57.81
8	MARCY BULLOCK	USA	2:40.86	15	MARY JO LOWE	USA	15:44.79	28	CATHY HOLDT	USA	2:02.62
9	BIEDERMAN-BUKOWK	CAN	2:45.49	16	MARLENE PUGH	AUS	15:53.49	29	REINE GOILLOT	VEN	2:03.22
10	JUDY REED	USA	2:45.75	17	MARTINE GRIMALDI	FRA	16:14.21	*****			
11	BETTY BENNETT	USA	2:50.85	18	HELEN RAYNER	NZL	17:14.24	WOMEN -- 45-49 -- 200 M. BACK			
12	PAT MALEY	USA	2:52.57	19	ELLIE TREVISON	USA	18:29.05	*****			
13	VICKI BUCCINO	USA	3:04.03	*****				1	SANDRA O'NEIL	GBR	2:50.27
14	SARA SACHS	USA	3:14.05	WOMEN -- 45-49 -- 50 M. BACK				2	GAYNOR CORLIS	AUS	2:57.22
15	MARIA LAMPERTI	ITA	3:14.62	*****				3	BRIGITTE MERTEN	GER	2:59.08
16	CRISTINA ALVARES	BRA	3:14.84	1	MARTA EGERVARY	HUN	37.53	4	JILL WHYMAN	GBR	3:00.99
17	LYNNETTE HYNDS	NZL	3:16.89	1	JILL WHYMAN	GBR	37.53	5	MARY POHLMANN	USA	3:02.27
18	ANNIE SMITS	NED	3:26.75	3	BERNICE WILKINS	GBR	38.51	6	JANE KATZ	USA	3:02.63
19	MARLENE PUGH	AUS	3:29.22	4	JEANNIE MITCHELL	USA	39.24	7	SHERRY PUTHOFF	USA	3:05.10
20	MARY JO LOWE	USA	3:39.17	5	BETTY BENNETT	USA	39.28	8	BETTY BENNETT	USA	3:06.29
21	HELEN RAYNER	NZL	3:59.35	6	MARY POHLMANN	USA	39.42	9	JEANNIE MITCHELL	USA	3:08.96
22	REINE GOILLOT	VEN	4:02.31	7	JUDY REED	USA	40.41	10	JACKIE MARR	USA	3:10.51
23	ELLIE TREVISON	USA	4:02.69	7	B.BARRAU-AUDRY	FRA	40.41	11	B.BARRAU-AUDRY	FRA	3:13.05
*****				9	MARIA COSTA	BRA	40.65	12	CAROLYN KENT	USA	3:14.28
WOMEN -- 45-49 -- 400 M. FREE				10	LINDA TEPE	USA	41.81	13	MARIA COSTA	BRA	3:15.02
*****				11	MARYANN TURBITT	NZL	42.02	14	PATRICIA JACKSON	GBR	3:15.75
1	SANDRA O'NEIL	GBR	5:23.98	12	PATRICIA RIEG	USA	43.42	15	MARYANN TURBITT	NZL	3:22.28
2	SALLY DILLON	USA	5:29.53	13	SHIGEKO SATO	JPN	44.24	16	PATRICIA RIEG	USA	3:35.23
3	JANE KATZ	USA	5:29.96	14	HILDA SILCOCK	GBR	44.80	17	CATHY BIRSFIELD	USA	3:37.46
4	SHARON WISE	USA	5:30.21	15	CATHY BIRSFIELD	USA	46.01	18	MARTINE GRIMALDI	FRA	3:45.29
5	LUCY JOHNSON	USA	5:36.33	16	CHRIS GILLIGAN	USA	46.94	19	SARA SACHS	USA	3:56.93
6	MARCY BULLOCK	USA	5:40.14	17	I.HALLASMAA-HALME	FIN	47.29	20	MARLENE PUGH	AUS	4:06.81
7	BIEDERMAN-BUKOWK	CAN	5:54.30	18	NICOLE LASNE	FRA	47.41	21	BARBARA PEDDIE	NZL	4:09.05
8	L.RAMOS MORAES	BRA	6:07.60	19	HIROKO TSUDA	JPN	49.24	22	REINE GOILLOT	VEN	4:22.15
9	PAT MALEY	USA	6:09.05	20	CAROLE BORLAND	USA	49.38	*****			
10	VICKI BUCCINO	USA	6:21.16	21	JUTTA FIEDLER	GER	51.14	WOMEN -- 45-49 -- 50 M. BRST			
11	SARA SACHS	USA	6:35.59	22	BARBARA PEDDIE	NZL	55.19	*****			
12	LIZ BURCH	AUS	6:45.75	23	REINE GOILLOT	VEN	56.56	1	H.MCLAREN	RSA	38.73
13	LYNNETTE HYNDS	NZL	6:57.00	24	JUDITH IANNUZZI	USA	1:04.68	2	ELAINE BROMWICH	GBR	39.70
14	CRISTINA ALVARES	BRA	7:03.56	25	NOBUKO NEO	JPN	1:33.93	3	BERNICE WILKINS	GBR	39.93
15	MAUREEN KOSS	USA	7:07.52	*****				4	DIANE FORD	GBR	40.08
16	MARIA LAMPERTI	ITA	7:08.31	WOMEN -- 45-49 -- 100 M. BACK				5	P.HARRINGTON	GBR	40.44
17	ANNIE SMITS	NED	7:15.88	*****				6	VLASTA OEHL	GER	40.73
18	BUNNY ADLER	USA	7:17.60	1	SANDRA O'NEIL	GBR	1:19.54	7	ANNEGRET VOELCKER	GER	42.06
19	MARLENE PUGH	AUS	7:26.60	2	BRIGITTE MERTEN	GER	1:20.64	8	RENATE LUITJENS	GER	42.53
20	J.VALLANDIGHAM	USA	7:38.30	3	GAYNOR CORLIS	AUS	1:21.30	9	LYNN CARTEE	USA	42.89
21	HAZEL WILTON	AUS	7:48.61	4	JILL WHYMAN	GBR	1:22.28	10	BERTIE HACKETT	USA	43.10
22	MARY JO LOWE	USA	7:50.32	5	MARTA EGERVARY	HUN	1:22.76	11	MARIANNE MUELLER	GER	43.13
23	BARBARA PEDDIE	NZL	8:14.28	6	LUCY JOHNSON	USA	1:23.41	12	SHIGEKO SATO	JPN	43.43
24	HELEN RAYNER	NZL	8:23.46	7	SHERRY PUTHOFF	USA	1:24.21	13	HILDA SILCOCK	GBR	43.81
25	EMA BARFOOT	ARG	8:33.84	8	MARY POHLMANN	USA	1:25.27	14	JAN PANCAKE	USA	44.23
26	KAYOKO TAKENAGA	JPN	9:00.18	9	JEANNIE MITCHELL	USA	1:25.36	14	LUBOV JAKOVLEVA	RUS	44.23
27	ELLIE TREVISON	USA	9:02.12	10	BETTY BENNETT	USA	1:25.85	16	SHIRLEY KING	USA	44.59
*****				11	B.BARRAU-AUDRY	FRA	1:27.80	17	M.ABIHSSIRA	FRA	45.91
WOMEN -- 45-49 -- 800 M. FREE				12	MARIA COSTA	BRA	1:29.56	18	DONNA KOCH	USA	46.56



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

SWIMMING RESULTS - WOMEN

19	LUCE VAN DAM	NED	46.62	*****	12	LYNNETTE HYNDS	NZL	3:49.04		
20	JEANNIE MITCHELL	USA	46.93	WOMEN -- 45-49 -- 50 M. FLY	13	PAT MALEY	USA	4:01.64		
21	I.HALLASMAA-HALME	FIN	47.74	*****	14	VICKI BUCCINO	USA	4:03.82		
22	PATRICIA RIEG	USA	47.97	1 SHARON WISE	USA	33.53	15	LUCE VAN DAM	NED	4:17.36
23	BUNNY ADLER	USA	48.33	2 LUCY JOHNSON	USA	33.64	16	KAYOKO TAKENAGA	JPN	4:58.14
24	J.VALLANDIGHAM	USA	49.34	3 SHERRY PUTHOFF	USA	34.54	*****	*****	*****	*****
25	JUTTA FIEDLER	GER	49.65	4 JUDY REED	USA	34.67	WOMEN -- 45-49 -- 200 M. I.M.	*****	*****	*****
26	CATHY HOLDT	USA	54.10	5 IRENE DAVID	USA	34.92	*****	*****	*****	*****
27	SETSUKO TOMISAWA	JPN	1:04.23	6 JILL WHYMAN	GBR	36.17	1 CAROLYN BOAK	USA	2:49.83	*****
28	TOSHIKO KOIKE	JPN	1:08.22	7 CAROLYN KENT	USA	36.55	2 SANDRA O'NEIL	GBR	2:52.09	*****
*****	*****	*****	*****	8 MARCY BULLOCK	USA	37.62	3 BRIGITTE MERTEN	GER	2:52.17	*****
WOMEN -- 45-49 -- 100 M. BRST	*****	*****	*****	9 L.RAMOS MORAES	BRA	38.28	4 SHERRY PUTHOFF	USA	2:57.33	*****
*****	*****	*****	*****	10 GIZELLA CSEKO	HUN	38.71	5 GAYNOR CORLIS	AUS	3:01.02	*****
1 CAROLYN BOAK	USA	1:26.67	11 KUMIKO GOTO	JPN	39.47	6 JACKIE MARR	USA	3:03.56	*****	*****
2 H.MCLAREN	RSA	1:26.90	12 MARIANNE MUELLER	GER	40.29	7 LYNN CARTEE	USA	3:08.14	*****	*****
3 DIANE FORD	GBR	1:27.96	13 BIEDERMAN-BUKOWK	CAN	41.36	8 ELAINE BROMWICH	GBR	3:09.30	*****	*****
4 ELAINE BROMWICH	GBR	1:28.05	14 JEANNIE MITCHELL	USA	41.56	9 BETTY BENNETT	USA	3:11.23	*****	*****
5 P.HARRINGTON	GBR	1:28.44	15 HILDA SILCOCK	GBR	42.42	10 H.MCLAREN	RSA	3:11.26	*****	*****
6 VLASTA OEHL	GER	1:31.42	16 LYNNETTE HYNDS	NZL	43.66	11 MARIA COSTA	BRA	3:12.75	*****	*****
7 ANNEGRET VOELCKER	GER	1:31.60	17 LINDA SMITH	USA	43.67	12 VLASTA OEHL	GER	3:24.67	*****	*****
8 SALLY DILLON	USA	1:33.23	18 I.HALLASMAA-HALME	FIN	44.06	13 LIZ BURCH	AUS	3:30.28	*****	*****
9 JAN PANCAKE	USA	1:35.60	19 NICOLE LASNE	FRA	46.20	14 MARYANN TURBITT	NZL	3:33.75	*****	*****
10 LYNN CARTEE	USA	1:35.74	20 LUCE VAN DAM	NED	46.74	15 KUMIKO GOTO	JPN	3:34.13	*****	*****
11 RENATE LUITJENS	GER	1:36.45	21 CHARLOTTE CANIDA	USA	47.58	16 PAT MALEY	USA	3:34.58	*****	*****
12 PATRICIA JACKSON	GBR	1:37.52	22 FREDERICKA RAPP	USA	50.09	17 HIROKO MIHORI	JPN	3:35.25	*****	*****
13 SHIRLEY KING	USA	1:37.81	23 MARLENE PUGH	AUS	51.80	18 I.HALLASMAA-HALME	FIN	3:42.49	*****	*****
14 MARIANNE MUELLER	GER	1:37.87	24 HAZEL WILTON	AUS	55.80	19 LUCE VAN DAM	NED	3:48.67	*****	*****
15 BERTE HACKETT	USA	1:38.74	25 REINE GOILLOT	VEN	1:03.89	20 NICOLE LASNE	FRA	3:49.11	*****	*****
16 HILDA SILCOCK	GBR	1:39.12	*****	*****	*****	21 CRISTINA ALVARES	BRA	3:57.23	*****	*****
17 M.ABIHSSIRA	FRA	1:40.41	WOMEN -- 45-49 -- 100 M. FLY	*****	*****	22 HAZEL WILTON	AUS	4:15.46	*****	*****
18 LUBOV JAKOVLEVA	RUS	1:41.27	*****	*****	*****	23 BARBARA PEDDIE	NZL	4:16.57	*****	*****
19 SHIGEO SATO	JPN	1:41.37	1 SHERRY PUTHOFF	USA	1:17.31	24 MARLENE PUGH	AUS	4:18.63	*****	*****
20 DONNA KOCH	USA	1:42.38	2 LUCY JOHNSON	USA	1:18.27	*****	*****	*****	*****	*****
21 LUCE VAN DAM	NED	1:46.14	3 GAYNOR CORLIS	AUS	1:20.87	WOMEN -- 45-49 -- 400 M. I.M.	*****	*****	*****	*****
22 PATRICIA RIEG	USA	1:47.82	4 BERNICE WILKINS	GBR	1:21.33	*****	*****	*****	*****	*****
23 MARYANN TURBITT	NZL	1:50.60	5 IRENE DAVID	USA	1:23.30	1 BRIGITTE MERTEN	GER	6:06.83	*****	*****
24 J.VALLANDIGHAM	USA	1:52.00	6 CAROLYN KENT	USA	1:23.80	2 CAROLYN BOAK	USA	6:13.98	*****	*****
25 CHRIS GILLIGAN	USA	1:53.99	7 DIANE FORD	GBR	1:29.16	3 GAYNOR CORLIS	AUS	6:27.22	*****	*****
26 JUTTA FIEDLER	GER	1:54.23	8 L.RAMOS MORAES	BRA	1:29.51	4 BERNICE WILKINS	GBR	6:29.06	*****	*****
27 CHARLOTTE CANIDA	USA	1:56.69	9 PATRICIA JACKSON	GBR	1:32.09	5 CAROLYN KENT	USA	6:32.03	*****	*****
28 CAROLE BORLAND	USA	2:05.35	10 LINDA TEPE	USA	1:35.43	6 JACKIE MARR	USA	6:34.49	*****	*****
29 CATHY HOLDT	USA	2:14.48	11 LYNNETTE HYNDS	NZL	1:40.67	7 ELAINE BROMWICH	GBR	6:38.93	*****	*****
30 MARNIE STEWART	USA	2:15.42	12 MARIANNE MUELLER	GER	1:41.00	8 BETTY BENNETT	USA	6:48.07	*****	*****
*****	*****	*****	13 HILDA SILCOCK	GBR	1:43.99	9 PATRICIA JACKSON	GBR	6:49.85	*****	*****
WOMEN -- 45-49 -- 200 M. BRST	*****	*****	14 LIZ BURCH	AUS	1:44.75	10 MARIA COSTA	BRA	6:53.84	*****	*****
*****	*****	*****	15 VICKI BUCCINO	USA	1:50.41	11 MARY POHLMANN	USA	6:59.16	*****	*****
1 CAROLYN BOAK	USA	3:09.19	16 LUCE VAN DAM	NED	1:54.30	12 LINDA TEPE	USA	7:18.49	*****	*****
2 P.HARRINGTON	GBR	3:10.43	17 HAZEL WILTON	AUS	2:04.69	13 PAT MALEY	USA	7:31.14	*****	*****
3 DIANE FORD	GBR	3:10.97	18 KAYOKO TAKENAGA	JPN	2:24.91	14 VICKI BUCCINO	USA	7:57.49	*****	*****
4 ELAINE BROMWICH	GBR	3:12.22	*****	*****	*****	15 HAZEL WILTON	AUS	9:00.69	*****	*****
5 ANNEGRET VOELCKER	GER	3:13.75	WOMEN -- 45-49 -- 200 M. FLY	*****	*****	16 KAYOKO TAKENAGA	JPN	9:32.16	*****	*****
6 H.MCLAREN	RSA	3:14.23	*****	*****	*****	*****	*****	*****	*****	*****
7 BERNICE WILKINS	GBR	3:17.96	1 BERNICE WILKINS	GBR	3:03.63	WOMEN -- 50-54 -- 50 M. FREE	*****	*****	*****	*****
8 VLASTA OEHL	GER	3:20.21	2 BRIGITTE MERTEN	GER	3:05.29	*****	*****	*****	*****	*****
9 JAN PANCAKE	USA	3:25.24	3 GAYNOR CORLIS	AUS	3:08.83	1 ARDETH MUELLER	USA	30.04	*****	*****
10 PATRICIA JACKSON	GBR	3:30.13	4 JACKIE MARR	USA	3:11.56	2 NANCY RIDOUT	USA	30.51	*****	*****
11 LYNN CARTEE	USA	3:30.56	5 CAROLYN KENT	USA	3:12.46	3 WENDY ROSSER	RSA	32.92	*****	*****
12 RENATE LUITJENS	GER	3:33.27	6 JANE KATZ	USA	3:15.74	4 CLAIRE O'DWYER	IRE	32.97	*****	*****
13 SHIRLEY KING	USA	3:33.38	7 IRENE DAVID	USA	3:16.79	5 MARGA SCHULZE	GER	34.32	*****	*****
14 MARIANNE MUELLER	GER	3:35.40	8 ELAINE BROMWICH	GBR	3:25.08	6 DAWN FRASER	AUS	35.10	*****	*****
15 DONNA KOCH	USA	3:37.69	9 ANNEGRET VOELCKER	GER	3:25.94	7 FUMIKO NAKAMURA	JPN	35.84	*****	*****
16 M.ABIHSSIRA	FRA	3:41.26	10 MARIA COSTA	BRA	3:28.55	8 EDNA DE SARACHO	MEX	36.12	*****	*****
17 BERTE HACKETT	USA	3:43.27	11 PATRICIA JACKSON	GBR	3:34.10	9 HEIDI KAMPSCHULTE	GER	36.33	*****	*****



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

SWIMMING RESULTS - WOMEN

10	S.NABUCO DE ABREU	BRA	36.64	9	BARBARA WACHTER	GER	3:21.33	14	JACQUIE ARCHIBALD	AUS	16:47.89
11	CAROL HANEY	USA	36.84	10	M.ALEXANDER	GBR	3:23.47	15	YOKO OSHIMA	JPN	17:40.37
12	CEIL BLACKWELL	USA	36.90	11	HIROKO HAYASHI	JPN	3:24.70	16	EDNA SPRING	USA	18:34.80
13	ANNETTE FOWLER	NZL	37.54	12	MARTHA BARRIOS	ARG	3:25.22	*****			
14	M.ALEXANDER	GBR	38.77	13	JEANETTE SQUIRES	GBR	3:35.53	WOMEN -- 50-54 -- 50 M. BACK			
15	FUMIKA HARANO	JPN	40.19	14	LUISE EASTON	USA	3:36.14	*****			
16	JEANETTE SQUIRES	GBR	40.61	15	SANDY STEER	USA	3:40.64	1	WENDY ROSSER	RSA	37.61
17	MARION GROSSMANN	GER	43.93	16	FUMIKA HARANO	JPN	3:40.75	2	S.NABUCO DE ABREU	BRA	38.57
18	KAZUKO TANIGAWA	JPN	44.00	17	JACQUIE ARCHIBALD	AUS	3:54.00	3	BARBARA FRID	USA	40.24
19	SETSUOKO KURODA	JPN	44.48	18	ELIZABETH ROSIE	NZL	4:10.53	4	URSULA KASTNER	GER	40.96
20	RENATE SCHROTTER	GER	45.95	19	EDNA SPRING	USA	4:16.52	5	JACQUELINE ODLUM	CAN	43.10
21	BARBARA PINNEY	USA	47.82	20	ELSIE SENSENICH	USA	4:41.60	6	JAYNE LAMBKE	USA	43.28
22	SETSUOKO KOBAYASHI	JPN	48.33	*****				7	DAWN FRASER	AUS	43.43
23	ELIZABETH ROSIE	NZL	48.75	WOMEN -- 50-54 -- 400 M. FREE				8	ANNETTE FOWLER	NZL	43.83
24	URSULA HARRIS	USA	50.35	*****				9	CEIL BLACKWELL	USA	44.09
25	YOKO OSHIMA	JPN	51.75	1	ARDETH MUELLER	USA	5:20.09	10	A.DORRESTEYNVOOBY	HON	44.14
26	GAY GRILLMEIER	AUS	53.32	2	NANCY RIDOUT	USA	5:40.10	11	BETSY DURRANT	USA	44.48
27	ANG MARIA CAMANI	ARG	55.11	3	JUDITH VAN BERKEL	NED	5:48.82	12	GISELA PETRI	GER	45.77
*****				4	BARBARA FRID	USA	5:51.36	13	MARTHA BARRIOS	ARG	47.33
WOMEN -- 50-54 -- 100 M. FREE				5	PENNY WEBSTER	GBR	5:52.35	14	MACHIKO MORIOKA	JPN	49.27
*****				6	JAYNE LAMBKE	USA	5:52.49	15	LOUISE PALLET	RSA	50.17
1	ARDETH MUELLER	USA	1:07.42	7	MARGA SCHULZE	GER	6:08.54	16	NANCY BRUEGGEMAN	USA	50.80
2	NANCY RIDOUT	USA	1:10.20	8	CLAIRE O'DWYER	IRE	6:10.17	17	SETSUOKO KURODA	JPN	51.01
3	CLAIRE O'DWYER	IRL	1:15.61	9	DAWN FRASER	AUS	6:18.30	18	JEANETTE SQUIRES	GBR	51.98
4	PENNY WEBSTER	GBR	1:16.05	10	GILL TREGENNA	RSA	6:30.93	19	ELIZABETH ROSIE	NZL	52.01
5	WENDY ROSSER	RSA	1:16.23	11	BRENDA WALKER	GBR	6:35.94	20	CHOU YUEH-YIN	TPE	52.14
6	JAYNE LAMBKE	USA	1:17.18	12	SANDY ETNYRE	USA	6:49.69	21	GAY GRILLMEIER	AUS	52.55
7	MARGA SCHULZE	GER	1:19.13	13	SUSAN SPRINGER	USA	6:53.84	22	MARION GROSSMANN	GER	53.46
8	HELI PAALOSAZO	FIN	1:19.36	14	PRUDENCE HALL	USA	6:56.26	23	JEAN PRITCHETT	USA	53.54
9	S.NABUCO DE ABREU	BRA	1:19.93	15	TOMOKO ITOI	JPN	7:05.05	24	BARBARA PINNEY	USA	55.19
10	DAWN FRASER	AUS	1:20.09	16	MARTHA BARRIOS	ARG	7:06.72	25	RENATE ENNSER	BRA	59.07
11	JAN JONES	CAN	1:21.28	17	HIROKO HAYASHI	JPN	7:18.62	26	YOKO OSHIMA	JPN	1:07.86
12	EDNA DE SARACHO	MEX	1:22.61	18	M.ALEXANDER	GBR	7:24.09	27	MARLENE VAUGHN	USA	1:19.40
13	FUMIKO NAKAMURA	JPN	1:25.24	19	LUISE EASTON	USA	7:27.09	*****			
14	CEIL BLACKWELL	USA	1:27.48	20	BIDDY HALL	AUS	7:30.53	WOMEN -- 50-54 -- 100 M. BACK			
15	PRUDENCE HALL	USA	1:28.81	21	CHIYOKO KIRIHARA	JPN	7:30.55	*****			
16	TOMOKO ITOI	JPN	1:29.54	22	SANDY STEER	USA	7:38.11	1	WENDY ROSSER	RSA	1:23.99
17	KATHY RATTRAY	CAN	1:30.14	23	JOAN PUSKAS	CAN	7:39.49	2	S.NABUCO DE ABREU	BRA	1:24.75
18	M.ALEXANDER	GBR	1:30.78	24	JEANETTE SQUIRES	GBR	7:45.90	3	BRENDA WALKER	GBR	1:29.61
19	HIROKO HAYASHI	JPN	1:32.52	25	FUMIKA HARANO	JPN	7:50.01	4	URSULA KASTNER	GER	1:30.29
20	FUMIKA HARANO	JPN	1:33.30	26	KATHY RATTRAY	CAN	7:54.21	5	BARBARA FRID	USA	1:30.62
21	JEANETTE SQUIRES	GBR	1:34.13	27	BARBARA WACHTER	GER	7:55.01	6	JACQUELINE ODLUM	CAN	1:35.43
22	BARBARA WACHTER	GER	1:34.43	28	KAZUKO TANIGAWA	JPN	8:12.74	7	BETSY DURRANT	USA	1:35.56
23	SANDY STEER	USA	1:36.52	29	NANCY BRUEGGEMAN	USA	8:16.28	8	JAYNE LAMBKE	USA	1:36.60
24	KAZUKO TANIGAWA	JPN	1:45.58	30	SETSUOKO KOBAYASHI	JPN	8:22.45	9	CEIL BLACKWELL	USA	1:36.92
25	JEAN PRITCHETT	USA	1:50.00	31	JACQUIE ARCHIBALD	AUS	8:31.13	10	GISELA PETRI	GER	1:40.24
26	ELIZABETH ROSIE	NZL	1:52.28	32	ANG MARIA CAMANI	ARG	8:58.42	11	VIRGINIA HEAD	AUS	1:43.46
27	EIKO MIYANAGA	JPN	2:00.42	*****				12	SUSAN SPRINGER	USA	1:43.63
28	KAZUKO KUNO	JPN	2:05.91	WOMEN -- 50-54 -- 800 M. FREE				13	ANNETTE FOWLER	NZL	1:44.29
29	ANG MARIA CAMANI	ARG	2:06.47	*****				14	KATHY RATTRAY	CAN	1:44.58
30	ELSIE SENSENICH	USA	2:09.62	1	BARBARA FRID	USA	11:55.90	15	MARTHA BARRIOS	ARG	1:46.49
31	MARLENE VAUGHN	USA	2:47.07	2	PENNY WEBSTER	GBR	11:57.37	16	NANCY BRUEGGEMAN	USA	1:46.80
*****				3	JUDITH VAN BERKEL	NED	12:03.77	17	ROBERTA BRADEN	USA	1:52.78
WOMEN -- 50-54 -- 200 M. FREE				4	MARGA SCHULZE	GER	12:43.51	18	LOUISE PALLET	RSA	1:53.85
*****				5	GILL TREGENNA	RSA	13:17.80	19	JEAN PRITCHETT	USA	1:55.64
1	NANCY RIDOUT	USA	2:37.92	6	BRENDA WALKER	GBR	13:32.68	20	ELIZABETH ROSIE	NZL	1:57.74
2	PENNY WEBSTER	GBR	2:42.67	7	SANDY ETNYRE	USA	13:45.07	21	GAY GRILLMEIER	AUS	2:02.44
3	MARGA SCHULZE	GER	2:50.21	8	SUSAN SPRINGER	USA	14:08.33	22	EDNA SPRING	USA	2:19.89
4	WENDY ROSSER	RSA	2:52.00	9	MARTHA BARRIOS	ARG	14:51.72	23	RENATE ENNSER	BRA	2:20.10
5	DAWN FRASER	AUS	2:55.00	10	BARBARA WACHTER	GER	15:14.74	24	ELSIE SENSENICH	USA	2:50.85
6	EDNA DE SARACHO	MEX	3:01.81	11	LUISE EASTON	USA	15:19.13	*****			
7	MONIKA SENFTLEBEN	GER	3:03.73	12	FUMIKA HARANO	JPN	15:33.45	WOMEN -- 50-54 -- 200 M. BACK			
8	BRENDA WALKER	GBR	3:06.86	13	NANCY BRUEGGEMAN	USA	16:09.23	*****			



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SWIMMING RESULTS - WOMEN

1	WENDY ROSSER	RSA	3:06.28	7	MARGIT JEBE	USA	1:39.04	15	ELSBETH SOEBERDT	GER	49.10
2	JUDITH VAN BERKEL	NED	3:10.93	8	ANNETTE FOWLER	NZL	1:40.75	16	HIROKO HAYASHI	JPN	49.51
3	URSULA KASTNER	GER	3:16.50	9	JUDY DECKER	USA	1:41.78	17	URSULA HARRIS	USA	55.82
4	JUDY DECKER	USA	3:18.57	9	BETSY DURRANT	USA	1:41.78	*****			
5	BETSY DURRANT	USA	3:20.86	11	RAQUEL BENTOLILA	USA	1:45.77	WOMEN -- 50-54 -- 100 M. FLY			
6	BRENDA WALKER	GBR	3:22.64	12	EDNA DE SARACHO	MEX	1:48.10	*****			
7	INGRID LUENING	GER	3:25.79	13	G.MEYER-BOEHM	GER	1:50.80	1	NANCY RIDOUT	USA	1:22.02
8	JACQUELINE ODLUM	CAN	3:26.53	13	BIDDY HALL	AUS	1:50.80	2	CLAIRE O'DWYER	IRL	1:24.14
9	CEIL BLACKWELL	USA	3:35.96	15	URSULA HARRIS	USA	1:50.92	3	E.VAHRMEYER-LOSKA	NED	1:27.63
10	SUSAN SPRINGER	USA	3:39.10	16	INGE GOEBEL	GER	1:51.87	4	MONIKA SENFTLEBEN	GER	1:32.44
11	HARUMI SUGIMOTO	JPN	3:45.01	17	JEAN PRITCHETT	USA	1:53.25	5	CHRISTEL VIGENER	GER	1:38.02
12	GISELA PETRI	GER	3:46.28	18	LOUISE PALLET	RSA	1:54.30	6	MARGIT JEBE	USA	1:42.67
13	VIRGINIA HEAD	AUS	3:47.24	19	ROBERTA BRADEN	USA	1:54.97	7	VIRGINIA HEAD	AUS	1:46.35
14	MARTHA BARRIOS	ARG	3:51.04	20	SANDY STEER	USA	1:56.61	8	CAROL HANEY	USA	1:52.43
15	NANCY BRUEGGEMAN	USA	3:54.16	21	KAZUYO SAKURAI	JPN	1:59.95	9	ELSBETH SOEBERDT	GER	1:53.11
16	LOUISE PALLET	RSA	4:02.01	22	CLARICE ROSSI	USA	2:00.89	10	BIDDY HALL	AUS	1:56.90
17	CHIYOKO KIRIHARA	JPN	4:11.16	23	FUMIKO NAKAMURA	JPN	2:02.52	*****			
18	LUISE EASTON	USA	4:14.70	24	RENATE ENNSER	BRA	2:06.16	WOMEN -- 50-54 -- 200 M. FLY			
19	ELIZABETH ROSIE	NZL	4:21.95	25	M.GARCIA-TEICEIRA	BRA	2:09.69	*****			
20	KAZUKO KUNO	JPN	5:30.80	26	EIKO MIYANAGA	JPN	2:10.00	1	ARDETH MUELLER	USA	2:52.71
21	MARLENE VAUGHN	USA	5:57.95	27	ELSIE SENSENICH	USA	2:27.71	2	E.VAHRMEYER-LOSKA	NED	3:25.58
*****				28	BREN CATCHPOLE	AUS	2:28.44	3	CLAIRE O'DWYER	IRL	3:28.86
*****				*****				4	MONIKA SENFTLEBEN	GER	3:32.04
WOMEN -- 50-54 -- 50 M. BRST				*****				5	CHRISTEL VIGENER	GER	3:42.75
*****				WOMEN -- 50-54 -- 200 M. BRST				6	MARGIT JEBE	USA	3:43.84
*****				*****				7	JACQUELINE ODLUM	CAN	3:47.48
1	MONIKA SENFTLEBEN	GER	39.68	1	E.VAHRMEYER-LOSKA	NED	3:19.33	8	GILL TREGENNA	RSA	3:54.50
2	E.VAHRMEYER-LOSKA	NED	40.15	2	JOANN LEILICH	USA	3:19.66	9	FUMIKO NAKAMURA	JPN	4:00.08
3	JAN JONES	CAN	43.41	3	INGRID LUENING	GBR	3:19.97	10	VIRGINIA HEAD	AUS	4:03.72
4	BETSY DURRANT	USA	44.30	4	MONIKA SENFTLEBEN	GER	3:24.28	11	ELSBETH SOEBERDT	GER	4:05.78
5	CYNTHIA ANDRADE	BRA	44.31	5	JAN JONES	CAN	3:28.49	12	BIDDY HALL	AUS	4:12.92
6	MARGIT JEBE	USA	44.79	6	MARGIT JEBE	USA	3:34.93	13	EDNA SPRING	USA	5:39.44
7	JUDY DECKER	USA	45.08	7	CYNTHIA ANDRADE	BRA	3:36.17	*****			
8	RAQUEL BENTOLILA	USA	46.11	8	ANNETTE FOWLER	NZL	3:40.41	WOMEN -- 50-54 -- 200 M. I.M.			
9	CAROL HANEY	USA	46.56	9	EDNA DE SARACHO	MEX	3:55.46	*****			
10	ANNETTE FOWLER	NZL	46.72	10	JACQUELINE ODLUM	CAN	3:55.71	1	JUDITH VAN BERKEL	NED	3:08.31
11	EDNA DE SARACHO	MEX	48.18	11	URSULA HARRIS	USA	3:57.10	2	MARGA SCHULZE	GER	3:20.15
12	CEIL BLACKWELL	USA	48.93	12	SANDY ETNYRE	USA	3:58.31	3	JAYNE LAMBKE	USA	3:20.93
13	LOUISE PALLET	RSA	50.01	13	JEAN PRITCHETT	USA	4:04.17	4	JUDY DECKER	USA	3:21.46
14	INGE GOEBEL	GER	50.30	14	LOUISE PALLET	RSA	4:04.57	5	HELI PAALOSAZO	FIN	3:22.38
15	MARGIE CRISP	USA	50.77	15	ROBERTA BRADEN	USA	4:05.47	6	DAWN FRASER	AUS	3:23.12
16	G.MEYER-BOEHM	GER	51.00	16	BIDDY HALL	AUS	4:06.66	7	MARGIT JEBE	USA	3:28.93
17	JEAN PRITCHETT	USA	51.18	17	SANDY STEER	USA	4:15.59	8	BRENDA WALKER	GBR	3:31.02
18	MARION GROSSMANN	GER	52.38	18	M.GARCIA-TEICEIRA	BRA	4:33.81	9	SANDY ETNYRE	USA	3:44.20
19	RENATE SCHROTTER	GER	52.42	19	EIKO MIYANAGA	JPN	4:39.15	10	PRUDENCE HALL	USA	3:46.84
20	KAZUYO SAKURAI	JPN	52.65	20	ELSIE SENSENICH	USA	5:11.44	11	ELSBETH SOEBERDT	GER	3:56.20
21	SETSUOKO KURODA	JPN	53.29	21	BREN CATCHPOLE	AUS	5:23.50	12	ROBERTA BRADEN	USA	4:02.03
22	BARBARA PINNEY	USA	55.69	*****				13	HIROKO HAYASHI	JPN	4:11.51
23	M.GARCIA-TEICEIRA	BRA	57.92	*****				14	FUMIKA HARANO	JPN	4:33.59
24	AKIKO IIDA	JPN	58.80	WOMEN -- 50-54 -- 50 M. FLY				*****			
25	GAY GRILLMEIER	AUS	58.81	*****				WOMEN -- 50-54 -- 400 M. I.M.			
26	EIKO MIYANAGA	JPN	1:01.28	1	NANCY RIDOUT	USA	35.04	*****			
27	EDNA SPRING	USA	1:07.35	2	E.VAHRMEYER-LOSKA	NED	35.78	1	ARDETH MUELLER	USA	6:12.08
28	BREN CATCHPOLE	AUS	1:07.74	3	CLAIRE O'DWYER	IRL	36.04	2	JUDITH VAN BERKEL	NED	6:38.33
29	JOY ANDERSEN	AUS	1:15.64	4	BARBARA FRID	USA	36.11	3	JAYNE LAMBKE	USA	7:09.82
30	MARLENE VAUGHN	USA	1:19.03	5	HELI PAALOSAZO	FIN	39.47	4	INGRID LUENING	GER	7:10.54
*****				6	HEIDI KAMPSCHULTE	GER	40.25	5	JUDY DECKER	USA	7:11.08
*****				7	RAQUEL BENTOLILA	USA	41.89	6	JACQUELINE ODLUM	CAN	7:28.08
WOMEN -- 50-54 -- 100 M. BRST				8	CHRISTEL VIGENER	GER	42.18	7	GILL TREGENNA	RSA	7:28.77
*****				9	A.DORRESTEYNVOOBY	HON	42.67	8	CYNTHIA ANDRADE	BRA	7:42.01
1	E.VAHRMEYER-LOSKA	NED	1:29.46	10	GILL TREGENNA	RSA	42.69	9	CHRISTEL VIGENER	GER	7:42.55
2	MONIKA SENFTLEBEN	GER	1:31.01	11	VIRGINIA HEAD	AUS	44.18	10	VIRGINIA HEAD	AUS	7:50.05
3	JOANN LEILICH	USA	1:31.87	12	HARUMI SUGIMOTO	JPN	44.22	11	SANDY ETNYRE	USA	8:02.31
4	JAN JONES	CAN	1:35.61	13	CAROL HANEY	USA	45.53				
5	BARBARA FRID	USA	1:37.31	14	PRUDENCE HALL	USA	47.57				
6	CYNTHIA ANDRADE	BRA	1:38.27								



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

SWIMMING RESULTS - WOMEN

12	BIDDY HALL	AUS	8:06.02	9	VALERIE LYONS	USA	1:31.79	16	DOROTHY O'BRIEN	AUS	8:46.39
13	PRUDENCE HALL	USA	8:07.78	10	CHIE NAMIKI	JPN	1:32.26	17	MUTSUKO KURUSHIMA	JPN	8:48.34
14	SUSAN SPRINGER	USA	8:08.73	11	MARYLEE MEDVE	USA	1:35.54	18	CARLINA CATANIA	ARG	9:02.04
15	ELSBETH SOEBERDT	GER	8:12.17	12	BARBARA JOHNSON	USA	1:36.68	19	MARYLYN CALABRESE	USA	9:13.68
16	ROBERTA BRADEN	USA	8:27.51	13	CAROL LOWENGRUB	USA	1:38.36	20	JAN MORRISON	GBR	9:16.56
17	CHIYOKO KIRIHARA	JPN	8:43.97	14	ITSUKO KATSUBE	JPN	1:39.34	21	NOLA DEAN	AUS	10:52.55
18	LUISE EASTON	USA	8:56.53	15	MUTSUKO KURUSHIMA	JPN	1:40.26	*****			
19	EDNA SPRING	USA	10:08.48	16	HENRIETTA BERNING	USA	1:41.67	WOMEN -- 55-59 -- 800 M. FREE			

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

1	PAMELA HUTCHINGS	AUS	34.28	20	ANN STEVENS	USA	1:45.77	1	BETSY JORDAN	USA	12:09.10
2	JEANNE LITTLE	USA	34.83	21	MITSUKO KOGANEI	JPN	1:48.20	2	LOTTIE GEURTS	NED	13:15.64
3	JOHNNIE DETRICK	USA	34.89	22	FLAVIA MCBRIDE	USA	1:52.19	3	BARBARA ZAREMSKI	USA	13:33.63
4	LOTTIE GEURTS	NED	35.41	23	JOYCE LINDLEY	USA	1:59.84	4	MARLENE MENDES	BRA	13:40.78
5	BARBARA ZAREMSKI	USA	35.51	24	ACACELY MAYER	MEX	2:01.08	5	MARCIA RIBEIRO	BRA	13:54.73
6	HAIKE HOELER	GER	36.53	25	HARUE SAITO	JPN	2:03.74	6	A.DEVOS-VAN GERUE	NED	14:31.83
7	DORIS KLITZKE	USA	37.23	26	TERESA SANCHEZ	MEX	2:07.10	7	ELIZABET MOORE	USA	14:38.76
8	MARGIE HEINEMAN	USA	37.96	27	MARYLYN CALABRESE	USA	2:19.03	8	MARYLEE MEDVE	USA	14:39.46
9	ELIANE PELLIS	BEL	38.01	28	NOLA DEAN	AUS	2:24.57	9	CAROL LOWENGRUB	USA	14:40.09
10	CHIE NAMIKI	JPN	38.19	29	SANDRA BUCHANAN	USA	2:25.81	10	MARY ANN STONE	USA	14:44.89
11	JEAN FOX	USA	38.80	*****				11	VALERIE LYONS	USA	14:55.22
12	BETH WHITTALL	CAN	39.71	WOMEN -- 55-59 -- 200 M. FREE				12	BARBARA JOHNSON	USA	14:57.69
13	BARBARA HANSEN	USA	40.28	*****				13	ANNIE ATWOOD	USA	15:21.95
14	VALERIE LYONS	USA	40.75	1	PAMELA HUTCHINGS	AUS	2:50.01	14	PEGGY BUCHANNAN	USA	16:45.62
15	MUTSUKO KURUSHIMA	JPN	41.66	2	LOTTIE GEURTS	NED	2:59.23	15	FLAVIA MCBRIDE	USA	16:56.70
16	HENRIETTA BERNING	USA	42.17	3	MARLENE MENDES	BRA	3:03.94	16	JOYCE LINDLEY	USA	17:50.56
17	GERDA GRASSE	GER	42.37	4	KELKO FUJIMOTO	JPN	3:16.53	17	SHIRLEY MCFARLAND	USA	18:02.54
18	BARBARA JOHNSON	USA	42.40	5	VALERIE LYONS	USA	3:19.90	18	CARLINA CATANIA	ARG	18:18.98
19	AYAKO TSUNO	JPN	42.78	6	ELIZABET MOORE	USA	3:20.26	19	JANET SCHENCK	USA	18:37.50
20	MARYLEE MEDVE	USA	42.94	7	MARY ANN STONE	USA	3:20.73	20	NANCY MCPHEE	USA	20:09.47
21	JESSIE CALLEBAUT	BEL	43.54	8	CHIE NAMIKI	JPN	3:23.69	*****			
22	MITSUKO KOGANEI	JPN	44.93	9	BARBARA JOHNSON	USA	3:26.51	WOMEN -- 55-59 -- 50 M. BACK			
23	ELISABETH SEITER	GER	45.05	10	MARYLEE MEDVE	USA	3:26.63	*****			
24	DONNA SCOTT	USA	45.22	11	CAROL LOWENGRUB	USA	3:27.16	1	BETSY JORDAN	USA	37.30
25	ANITA SEEGER	GER	47.22	12	LESLEY MASON-WARD	CAN	3:45.01	2	PAMELA HUTCHINGS	AUS	39.09
26	RURIKO YAMAUCHI	JPN	47.62	13	PEGGY BUCHANNAN	USA	3:49.06	3	ALICE KINNAIRD	AUS	40.75
27	KYOKO ISHII	JPN	47.66	14	ANN STEVENS	USA	3:49.60	4	HAIKE HOELER	GER	42.61
28	ACACELY MAYER	MEX	49.76	15	GERDA GRASSE	GER	3:50.78	5	BEVERLY MYERS	USA	42.96
29	FLAVIA MCBRIDE	USA	50.44	16	FLAVIA MCBRIDE	USA	3:53.18	6	MARCIA RIBEIRO	BRA	43.39
30	EIKO ITO	JPN	51.99	17	MASAKO HOSHINO	JPN	3:55.87	7	DORIS KLITZKE	USA	45.24
32	TAMAKO MITSUTANI	JPN	52.84	18	JOYCE LINDLEY	USA	4:03.38	8	BARBARA HANSEN	USA	46.75
33	HARUE SAITO	JPN	52.91	19	DOROTHY O'BRIEN	AUS	4:10.88	9	BARBARA MORTON	GBR	47.58
34	JANET SCHENCK	USA	53.20	20	MARYLYN CALABRESE	USA	4:25.23	10	KELKO FUJIMOTO	JPN	47.77
35	MICHIKO NODA	JPN	53.34	21	NANCY MCPHEE	USA	4:29.24	11	JEAN FOX	USA	48.63
36	JAN MORRISON	GBR	54.88	*****				12	MASAKO HOSHINO	JPN	48.79
37	TERESA SANCHEZ	MEX	55.91	WOMEN -- 55-59 -- 400 M. FREE				13	HENRIETTA BERNING	USA	49.59
38	HIROKO OKAMURA	JPN	57.18	*****				14	PENNEY DUNN	AUS	49.73
39	KIMIKO MATSUMOTO	JPN	58.39	1	LOTTIE GEURTS	NED	6:25.32	15	VALERIE LYONS	USA	50.43
40	JEAN WILLOUGHBY	NZL	59.00	2	JEANNE LITTLE	USA	6:32.71	16	ANITA SEEGER	GER	51.30
41	KEIKO TAKAHATA	JPN	1:06.11	3	MARLENE MENDES	BRA	6:45.60	17	ELISABETH SEITER	GER	51.40
42	HILDA SOARES	BRA	1:16.17	4	BETH WHITTALL	CAN	6:58.37	18	ITSUKO KATSUBE	JPN	51.61

WOMEN -- 55-59 -- 100 M. FREE											

1	PAMELA HUTCHINGS	AUS	1:17.27	7	CAROL LOWENGRUB	USA	7:07.44	19	TOSHIKO KATO	JPN	52.10
2	JEANNE LITTLE	USA	1:21.09	8	CHIE NAMIKI	JPN	7:10.65	20	MICHIKO TOKANO	JPN	52.18
3	LOTTIE GEURTS	NED	1:21.22	9	ELIZABET MOORE	USA	7:11.45	21	E.GETSCHMANN	GER	52.30
4	JOHNNIE DETRICK	USA	1:21.95	10	BARBARA JOHNSON	USA	7:11.87	22	LEA MAES	BEL	52.54
5	ELIANE PELLIS	BEL	1:25.85	11	MARYLEE MEDVE	USA	7:21.06	23	ISABE CARAZA	MEX	53.22
6	JEAN FOX	USA	1:30.16	12	ANNIE ATWOOD	USA	7:29.15	24	JESSIE CALLEBAUT	BEL	53.41
7	BETH WHITTALL	CAN	1:30.32	13	JEAN FOX	USA	7:32.13	25	SHEILA MARSDEN	CAN	55.51
8	KELKO FUJIMOTO	JPN	1:30.39	14	FLAVIA MCBRIDE	USA	8:12.58	26	RURIKO YAMAUCHI	JPN	55.53
				15	JOYCE LINDLEY	USA	8:33.76	27	MARLENE EICH	GER	56.73
								28	KYOKO ISHII	JPN	56.81
								29	ANN STEVENS	USA	57.37
								30	TOSHIE HOSHINO	JPN	59.90
								31	ACACELY MAYER	MEX	1:00.39



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SWIMMING RESULTS - WOMEN

32	MICHIKO NODA	JPN	1:02.94	3	JOHNNIE DETRICK	USA	45.36	6	BARBARA ZAREMSKI	USA	3:52.02
33	KEIKO TAKAHATA	JPN	1:13.15	4	BEVERLY MYERS	USA	45.66	7	MARGIE HEINEMAN	USA	3:52.56
34	JEAN WILLOUGHBY	NZL	1:14.51	5	MARGIE HEINEMAN	USA	46.99	8	ANNE STANLEY	NZL	3:54.46
35	JANET SCHENCK	USA	1:16.22	6	CAROL REINKE	USA	47.17	9	JESSIE CALLEBAUT	BEL	3:56.58
36	HILDA SOARES	BRA	1:28.23	7	LEA MAES	BEL	49.80	10	LEA MAES	BEL	4:00.02

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

1	BETSY JORDAN	USA	1:21.42	11	CHANG HSIU-WEI	TPE	51.23	14	MARY ANN STONE	USA	4:12.04
2	PAMELA HUTCHINGS	AUS	1:26.72	12	KOKO MOROOKA	JPN	53.13	15	KOKO MOROOKA	JPN	4:13.53
3	ALICE KINNAIRD	AUS	1:30.76	13	NORIKO YATSUNAMI	JPN	53.20	16	NORIKO YATSUNAMI	JPN	4:14.24
4	BEVERLY MYERS	USA	1:35.17	14	ELISABETH SEITER	GER	54.01	17	E.GETSCHMANN	GER	4:17.38
5	HAIKE HOELER	GER	1:36.62	15	DONNA SCOTT	USA	54.65	18	BARBARA MORTON	GBR	4:19.32
6	MARCIA RIBEIRO	BRA	1:38.30	16	HERTA GREGG	GER	54.84	19	PEGGY BUCHANNAN	USA	4:29.17
7	BARBARA ZAREMSKI	USA	1:42.02	17	ANITA SEEGER	GER	55.01	20	ELIZABET MOORE	USA	4:31.05
8	KELKO FUJIMOTO	JPN	1:46.96	18	MARLENE EICH	GER	55.57	21	MOREN INES BERNAL	MEX	5:17.67
9	BARBARA HANSEN	USA	1:47.51	19	AKEMI KUBO	JPN	57.94	22	JOYCE LINDLEY	USA	5:38.49
10	BARBARA MORTON	GBR	1:49.00	20	GERDA GRASSE	GER	58.25	23	NANCY MCPHEE	USA	5:39.19
11	LESLEY MASON-WARD	CAN	1:50.61	21	HENRIETTA BERNING	USA	1:00.15	*****			
12	MICHIKO TOKANO	JPN	1:50.82	22	JAN MORRISON	GBR	1:00.70	WOMEN -- 55-59 -- 50 M. FLY			
13	HENRIETTA BERNING	USA	1:52.20	23	COLETTE LEHOT	FRA	1:05.21	*****			
14	PENNEY DUNN	AUS	1:52.24	24	ACACELY MAYER	MEX	1:05.67	1	HAIKE HOELER	GER	36.79
15	ELISABETH SEITER	GER	1:55.82	25	MOREN INES BERNAL	MEX	1:06.36	2	JEANNE LITTLE	USA	39.92
16	SHIRLEY BEHELER	USA	1:56.93	26	JANET SCHENCK	USA	1:08.56	3	BEVERLY MYERS	USA	41.76
17	ISABE CARAZA	MEX	1:59.81	27	DORIS GUTCHES	USA	1:15.47	4	DORIS KLITZKE	USA	43.00
18	ANN STEVENS	USA	2:02.15	28	KEIKO TAKAHATA	JPN	1:19.49	5	MARCIA RIBEIRO	BRA	44.29
19	SHEILA MARSDEN	CAN	2:04.90	29	HILDA SOARES	BRA	1:34.46	6	CAROL REINKE	USA	47.23
20	MARYLYN CALABRESE	USA	2:19.88	*****				7	DONNA EDELBAUM	USA	48.74
21	NANCY MCPHEE	USA	2:34.15	WOMEN -- 55-59 -- 100 M. BRST				8	SHIRLEY BEHELER	USA	51.42
22	JANET SCHENCK	USA	2:47.16	*****				9	PENNEY DUNN	AUS	51.43
23	NOLA DEAN	AUS	3:02.96	1	ELAINE PELLIS	BEL	1:38.69	10	ANITA SEEGER	GER	52.96

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

1	BETSY JORDAN	USA	2:59.18	2	ANNE MCGUIRE	USA	1:43.41	11	LESLEY MASON-WARD	CAN	53.26
2	PAMELA HUTCHINGS	AUS	3:10.63	3	BEVERLY MYERS	USA	1:43.47	12	PEGGY BUCHANNAN	USA	57.23
3	ALICE KINNAIRD	AUS	3:16.43	4	JOHNNIE DETRICK	USA	1:44.97	13	GERDA GRASSE	GER	58.15
4	MARLENE MENDES	BRA	3:26.23	5	CAROL REINKE	USA	1:46.30	14	SHIRLEY MCFARLAND	USA	58.54
5	HAIKE HOELER	GER	3:26.84	6	MAREN PISKORA	GER	1:47.03	15	ACACELY MAYER	MEX	59.89
6	MARCIA RIBEIRO	BRA	3:36.05	7	CHIE NAMIKI	JPN	1:47.56	16	DOROTHY O'BRIEN	AUS	1:20.26
7	DEVOS-VAN GERUEN	NED	3:36.07	8	ANNE STANLEY	NZL	1:48.98	*****			
8	ELIZABET MOORE	USA	3:49.99	9	LEA MAES	BEL	1:50.86	WOMEN -- 55-59 -- 100 M. FLY			
9	BARBARA MORTON	GBR	3:53.74	10	JESSIE CALLEBAUT	BEL	1:52.85	*****			
10	TOSHIKO KATO	JPN	3:56.95	11	HERTA GREGG	GER	1:53.79	1	HAIKE HOELER	GER	1:28.28
11	KELKO FUJIMOTO	JPN	3:57.92	12	CLAUDIA MULTER	USA	1:53.92	2	ANNE MCGUIRE	USA	1:36.55
12	BARBARA HANSEN	USA	3:59.81	13	NORIKO YATSUNAMI	JPN	1:54.73	3	JEANNE LITTLE	USA	1:42.95
13	MAREN PISKORA	GER	4:00.09	14	CHANG HSIU-WEI	TPE	1:55.36	4	DORIS KLITZKE	USA	1:44.21
14	HERTA GREGG	GER	4:00.97	15	DONNA EDELBAUM	USA	1:55.59	5	PEGGY WIRT	USA	1:58.43
15	PENNEY DUNN	AUS	4:03.20	16	VALERIE LYONS	USA	1:57.19	6	SHIRLEY BEHELER	USA	1:59.91
16	HENRIETTA BERNING	USA	4:08.34	17	BARBARA MORTON	GBR	1:57.58	7	PENNEY DUNN	AUS	2:00.34
17	ITSUKO KATSUBE	JPN	4:10.38	18	E.GETSCHMANN	GER	1:57.63	8	ANNIE ATWOOD	USA	2:06.28
18	JEAN FOX	USA	4:10.43	19	MARY ANN STONE	USA	1:58.63	9	CAROL LOWENGRUB	USA	2:12.31
19	ISABE CARAZA	MEX	4:10.59	20	KOKO MOROOKA	JPN	1:58.99	*****			
20	SHEILA MARSDEN	CAN	4:24.90	21	ELISABETH SEITER	GER	2:00.04	WOMEN -- 55-59 -- 200 M. FLY			
21	TOSHIE HOSHINO	JPN	4:46.20	22	TERESA SANCHEZ	MEX	2:03.96	*****			
22	DOROTHY O'BRIEN	AUS	4:48.71	23	COLETTE LEHOT	FRA	2:05.91	1	ANNE MCGUIRE	USA	3:33.50
23	JOYCE LINDLEY	USA	5:12.85	24	ANN STEVENS	USA	2:12.51	2	JEANNE LITTLE	USA	3:55.88
24	NOLA DEAN	AUS	6:18.46	25	MOREN INES BERNAL	MEX	2:24.33	3	MARGIE HEINEMAN	USA	4:03.39

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

1	ANNE MCGUIRE	USA	3:38.71	4	JOHNNIE DETRICK	USA	3:47.53	4	A.DEVOS-VAN GERUE	NED	4:06.69
2	ELAINE PELLIS	BEL	3:39.96	5	CAROL REINKE	USA	3:47.56	5	DORIS KLITZKE	USA	4:07.14
3	MAREN PISKORA	GER	3:46.94	*****				6	SHIRLEY MCFARLAND	USA	4:22.67
6	BARBARA ZAREMSKI	USA	3:52.02	WOMEN -- 55-59 -- 200 M. I.M.				7	DONNA EDELBAUM	USA	4:22.67
7	MARGIE HEINEMAN	USA	3:52.56	*****				8	ANNIE ATWOOD	USA	4:43.44
8	ANNE STANLEY	NZL	3:54.46	*****				9	CAROL LOWENGRUB	USA	4:48.08
9	JESSIE CALLEBAUT	BEL	3:56.58	*****				*****			
10	LEA MAES	BEL	4:00.02	*****				*****			
11	CLAUDIA MULTER	USA	4:02.02	*****				*****			
12	DONNA EDELBAUM	USA	4:05.36	*****				*****			
13	HERTA GREGG	GER	4:07.11	*****				*****			
14	MARY ANN STONE	USA	4:12.04	*****				*****			
15	KOKO MOROOKA	JPN	4:13.53	*****				*****			
16	NORIKO YATSUNAMI	JPN	4:14.24	*****				*****			
17	E.GETSCHMANN	GER	4:17.38	*****				*****			
18	BARBARA MORTON	GBR	4:19.32	*****				*****			
19	PEGGY BUCHANNAN	USA	4:29.17	*****				*****			
20	ELIZABET MOORE	USA	4:31.05	*****				*****			
21	MOREN INES BERNAL	MEX	5:17.67	*****				*****			
22	JOYCE LINDLEY	USA	5:38.49	*****				*****			
23	NANCY MCPHEE	USA	5:39.19	*****				*****			



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SWIMMING RESULTS - WOMEN

*****				28	HISAKO IDA	JPN	57.88	WOMEN -- 60-64 -- 400 M. FREE			
*****				29	SADAKO KODAMA	JPN	59.72	*****			
1	BETSY JORDAN	USA	3:09.94	30	MARGARET SCOTT	CAN	1:01.68	1	JANE ASHER	GBR	6:15.47
2	BEVERLY MYERS	USA	3:25.43	31	KIYOKO IMURA	JPN	1:02.19	2	MARGARET TIMMINS	USA	7:02.61
3	DORIS KLITZKE	USA	3:39.26	32	CAROLYN COOPER	USA	1:04.53	3	MARIANNE GRANE	SWE	7:04.91
4	MARCIA RIBEIRO	BRA	3:40.16	33	SHARON RICHARDS	USA	1:05.26	4	G.MCKENZIE-HICKS	AUS	7:07.80
5	A.DEVOS-VAN GERUE	NED	3:40.88	34	ICHIKO HYODO	JPN	1:17.18	5	EDIE GRUENDER	USA	7:11.89
6	CAROL REINKE	USA	3:43.04	35	MARGARET WATSON	NZL	1:44.53	6	ELLEN VOSE	USA	7:17.10
7	LESLEY MASON-WARD	CAN	3:56.37	*****				7	YOSHIKO ITO	JPN	7:21.24
8	TOSHIKO KATO	JPN	4:01.30	WOMEN -- 60-64 -- 100 M. FREE				8	DOROTHY DICKEY	AUS	7:36.07
9	HERTA GREGG	GER	4:02.08	*****				9	PARKIE COPELAND	USA	7:38.70
10	PENNEY DUNN	AUS	4:02.21	1	JANE ASHER	GBR	1:16.16	10	PATRICIA NIBLETT	CAN	7:43.03
11	ELIZABET MOORE	USA	4:05.23	2	GRETHE BENDTSEN	DEN	1:23.92	11	BRATRIZ RODRIGO	ARG	7:44.67
12	MAREN PISKORA	GER	4:05.26	3	MARGARET TIMMINS	USA	1:25.96	12	MITSUOKO KOMURO	JPN	7:58.41
13	SHIRLEY BEHELER	USA	4:06.15	4	MARIANNE GRANE	SWE	1:31.04	13	CHERYL CORBETT	USA	8:02.31
14	PEGGY BUCHANNAN	USA	4:16.30	5	YOSHIKO ITO	JPN	1:31.87	14	TOSHIE YOSHIDA	JPN	8:09.98
15	ANN STEVENS	USA	4:17.59	6	EDIE GRUENDER	USA	1:32.15	15	HELGA THIEN	GER	8:15.16
16	BARBARA MORTON	GBR	4:17.81	7	G.MCKENZIE-HICKS	AUS	1:33.62	16	TSURUYO TANAKA	JPN	8:17.00
17	MICHIKO TOKANO	JPN	4:20.52	8	ELLEN VOSE	USA	1:34.42	17	JOAN KIDD	GBR	8:30.18
18	SHIRLEY MCFARLAND	USA	4:41.65	9	EIKO MORI	JPN	1:35.32	18	BERYL BRERETON	NZL	8:38.55
19	DOROTHY O'BRIEN	AUS	5:32.39	10	DOROTHY DICKEY	AUS	1:35.47	19	JANET STOBIE	GBR	8:50.35
*****				11	BRATRIZ RODRIGO	ARG	1:38.76	20	ESTHER ROMERO	MEX	9:14.94
WOMEN -- 55-59 -- 400 M. I.M.				12	PATRICIA NIBLETT	CAN	1:39.09	21	MEIKO KUWAHARA	JPN	9:52.60
*****				13	PARKIE COPELAND	USA	1:39.77	22	JEANE GRUENDER	USA	10:05.33
1	BETSY JORDAN	USA	6:47.64	14	RUTH KRAUSE	GER	1:40.74	23	KIYOKO IMURA	JPN	10:05.61
2	ANNE MCGUIRE	USA	7:23.54	15	CHERYL CORBETT	USA	1:42.25	24	VELBA COFFANI ANA	BRA	10:08.53
3	BARBARA ZAREMSKI	USA	7:30.45	16	SUSAN HALTER	GBR	1:43.85	25	CAROLYN COOPER	USA	11:09.86
4	ALICE KINNAIRD	AUS	7:43.97	17	ROBERTA VAN WELT	USA	1:45.09	26	MARTHA BORUFF	USA	11:29.83
5	A.DEVOS-VAN GERUE	NED	7:44.07	18	MARY SMITH	BRA	1:45.80	*****			
6	DONNA EDELBAUM	USA	8:15.73	19	PRISCILLA LOGAN	NZL	1:47.83	WOMEN -- 60-64 -- 50 M. BACK			
7	LESLEY MASON-WARD	CAN	8:22.70	20	HELGA THIEN	GER	1:48.09	*****			
8	TOSHIKO KATO	JPN	8:33.09	21	CAROLINE KELLY	RSA	1:48.20	1	GRETHE BENDTSEN	DEN	40.86
9	ANNIE ATWOOD	USA	8:50.25	22	FRANCES NERGARD	USA	1:48.33	2	K.NAIDENOVA	RUS	43.74
10	SHIRLEY MCFARLAND	USA	9:27.54	23	JANET STOBIE	GBR	1:50.24	3	EDITH BOEHM	GER	44.08
*****				24	BERYL BRERETON	NZL	1:53.51	4	JOAN PARNELL	CAN	45.38
WOMEN -- 60-64 -- 50 M. FREE				25	FUSAKO KOBAYASHI	JPN	1:57.38	5	MARIANNE GRANE	SWE	46.73
*****				26	MEIKO KUWAHARA	JPN	2:02.48	6	MITSUOKO KOMURO	JPN	48.85
1	JANE ASHER	GBR	33.60	27	ESTHER ROMERO	MEX	2:03.23	7	MARIA YUNGEL	USA	49.30
2	MARGARET TIMMINS	USA	38.65	28	MASAKO KAWAKAMI	JPN	2:10.66	8	H.SOMMERMEYER	GER	50.31
3	MARIANNE GRANE	SWE	38.77	29	SHARON RICHARDS	USA	2:27.27	9	AILSA DUNCAN	AUS	52.00
4	EIKO MORI	JPN	39.58	30	CAROLYN COOPER	USA	2:28.30	10	SUSAN HALTER	GBR	52.06
5	CAROL FERGUSON	USA	39.95	*****				11	STEFANENA KYSOR	USA	53.43
6	YOSHIKO ITO	JPN	40.73	WOMEN -- 60-64 -- 200 M. FREE				12	RUTH KRAUSE	GER	53.66
7	EDIE GRUENDER	USA	41.20	*****				13	ROBERTA VAN WELT	USA	54.78
8	PATRICIA NIBLETT	CAN	42.32	1	JANE ASHER	GBR	2:51.82	14	LIN YUEH-FENG	TPE	55.85
9	SUSAN HALTER	GBR	42.41	2	MARGARET TIMMINS	USA	3:10.39	15	MARYLLIA BOUSTEAD	RSA	56.18
10	ELLEN VOSE	USA	42.73	3	MARIANNE GRANE	SWE	3:20.01	16	DOROTHY DICKEY	AUS	56.40
11	RUTH KRAUSE	GER	43.35	4	G.MCKENZIE-HICKS	AUS	3:21.27	17	VELBA COFFANI ANA	BRA	57.55
12	FRANCES NERGARD	USA	43.79	5	YOSHIKO ITO	JPN	3:26.82	18	BERYL BRERETON	NZL	57.80
13	CAROLINE KELLY	RSA	44.33	6	ELLEN VOSE	USA	3:26.90	19	ELIZABETH CAPTEIN	AUS	58.42
14	MARY SMITH	BRA	44.55	7	DOROTHY DICKEY	AUS	3:27.33	20	TOMOKO ASHIZAWA	JPN	59.87
15	CHERYL CORBETT	USA	44.63	8	CAROL FERGUSON	USA	3:27.58	21	HANNELORE SNYDER	USA	59.99
16	ROBERTA VAN WELT	USA	44.98	9	PATRICIA NIBLETT	CAN	3:31.96	22	FRANCES NERGARD	USA	1:00.70
17	JANET STOBIE	GBR	46.23	10	BEATRIZ RODRIGO	ARG	3:32.56	23	CHIEKO MURAYAMA	JPN	1:00.72
18	ETSUKO YANAGAWA	JPN	46.99	11	HELGA THIEN	GER	3:51.25	24	JOAN HOFFMANN	USA	1:02.90
19	TOMOKO ASHIZAWA	JPN	48.00	12	SUSAN HALTER	GBR	3:52.56	25	SHIGEO HIRAKI	JPN	1:08.86
20	KAZUKO KAKIMI	JPN	48.89	13	TSURUYO TANAKA	JPN	3:54.87	26	MARGARET SCOTT	CAN	1:11.46
21	BETHE HUTH	GER	48.94	14	CHERYL CORBETT	USA	3:56.04	27	SADAKO KODAMA	JPN	1:19.32
22	HELGA THIEN	GER	50.73	15	BERYL BRERETON	NZL	4:04.26	28	NOEILA SAAVEDRA	ARG	1:25.12
23	BERYL BRERETON	NZL	51.20	16	ESTHER ROMERO	MEX	4:36.70	29	MARGARET WATSON	NZL	2:02.59
24	HIDEKO MURAKAMI	JPN	51.27	17	MASAKO KAWAKAMI	JPN	4:42.43	*****			
25	CHIEKO MURAYAMA	JPN	55.29	18	CAROLYN COOPER	USA	5:09.28	WOMEN -- 60-64 -- 100 M. BACK			
26	HANNELORE SNYDER	USA	56.09	*****				*****			
27	TAZUKO MIZUTA	JPN	57.33	*****				*****			



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SWIMMING RESULTS - WOMEN

1	GRETHE BENDTSEN	DEN	1:30.22	24	MEIKO KUWAHARA	JPN	1:04.45	11	TSURUYO TANAKA	JPN	59.42
2	K.NAIDENOVA	RUS	1:36.14	25	MARGARET SCOTT	CAN	1:06.89	12	GRETA NIXON	AUS	1:02.24
3	JOAN PARNELL	CAN	1:36.24	26	ETSUKO YANAGAWA	JPN	1:11.71	13	KAZUKO KAKIMI	JPN	1:02.28
4	MARIANNE GRANE	SWE	1:44.88	27	ESTHER HALBACH	GER	1:12.05	14	CHERYL CORBETT	USA	1:03.35
5	ERIKA LANGE	GER	1:47.05	28	MARTHA BORUFF	USA	1:16.17	15	SUSAN HALTER	GBR	1:05.78
6	MARIA YUNGEL	USA	1:49.00	29	TAZUKO MIZUTA	JPN	1:18.71	16	DOROTHY DICKEY	AUS	1:06.37
7	STEFANENA KYSOR	USA	1:53.72	30	SHARON RICHARDS	USA	1:21.38	17	BETHE HUTH	GER	1:09.31
8	JOAN KIDD	GBR	1:56.41	31	IRMGARD JANSSEN	USA	1:21.43	18	ESTHER ROMERO	MEX	1:18.80
9	PATRICIA NIBLETT	CAN	1:58.79	32	NOEILA SAAVEDRA	ARG	1:40.97	19	ISHIKO TSUBOI	JPN	1:21.51
10	SUSAN HALTER	GBR	2:02.84	*****				*****			
11	PRISCILLA LOGAN	NZL	2:03.93	WOMEN -- 60-64 -- 100 M. BRST				WOMEN -- 60-64 -- 100 M. FLY			
12	LIN YUEH-FENG	TPE	2:04.23	*****				*****			
13	AILSA DUNCAN	AUS	2:04.42	1	EDITH BOEHM	GER	1:39.08	1	JUDIE OLIVER	CAN	1:31.52
14	JANET STOBIE	GBR	2:04.53	2	ERIKA LANGE	GER	1:40.12	2	L.SILVA DUARTE	BRA	2:06.29
15	ELIZABETH CAPTEIN	AUS	2:05.37	3	LILLY KRON	USA	1:42.83	3	AILSA DUNCAN	AUS	2:16.00
16	MARYLLIA BOUSTEAD	RSA	2:06.57	4	CAROL FERGUSON	USA	1:51.98	4	TSURUYO TANAKA	JPN	2:22.72
17	VELBA COFFANI ANA	BRA	2:10.22	5	EIKO MORI	JPN	1:55.30	5	ISHIKO TSUBOI	JPN	3:16.10
18	MARGARET SCOTT	CAN	2:14.25	6	H.SOMMERMEYER	GER	1:57.41	*****			
19	CHIEKO MURAYAMA	JPN	2:16.41	7	TOSHIE YOSHIDA	JPN	1:58.05	WOMEN -- 60-64 -- 200 M. FLY			
20	HANNELORE SNYDER	USA	2:18.71	8	CAROLINE KELLY	RSA	2:02.93	*****			
21	ISHIKO TSUBOI	JPN	2:32.22	9	JOAN KIDD	GBR	2:03.54	1	JUDIE OLIVER	CAN	3:28.58
*****				10	L.SILVA DUARTE	BRA	2:03.62	2	LILLY KRON	USA	4:05.90
WOMEN -- 60-64 -- 200 M. BACK				11	MARIAN WOLLE	USA	2:10.60	3	SHIGEO HIRAKI	JPN	4:35.13
*****				12	HANNELORE SNYDER	USA	2:11.27	4	YOKO UCHIDA	JPN	4:46.50
1	GRETHE BENDTSEN	DEN	3:16.48	13	PRISCILLA LOGAN	NZL	2:11.96	5	MARIAN WOLLE	USA	4:51.16
2	K.WAIDENOVA	RUS	3:30.52	14	MARY SMITH	BRA	2:13.11	6	L.SILVA DUARTE	BRA	4:51.29
3	JOAN PARNELL	CAN	3:33.86	15	IDA RYTHUR	NOR	2:22.64	7	SHIRLEY SCOTT	USA	4:58.85
4	MARIA YUNGEL	USA	3:49.39	16	ELIZABETH CAPTEIN	AUS	2:26.31	8	AILSA DUNCAN	AUS	5:11.70
5	STEFANENA KYSOR	USA	4:05.41	17	MARGARET SCOTT	CAN	2:29.01	9	GRETA NIXON	AUS	5:33.70
6	JOAN KIDD	GBR	4:10.04	18	JEANE GRUENDER	USA	2:31.73	10	ISHIKO TSUBOI	JPN	7:37.60
7	LIN YUEH-FENG	TPE	4:30.85	19	ESTHER ROMERO	MEX	2:46.67	*****			
8	MARYLLIA BOUSTEAD	RSA	4:32.43	20	IRMGARD JANSSEN	USA	3:05.01	WOMEN -- 60-64 -- 200 M. I.M.			
9	ELIZABETH CAPTEIN	AUS	4:33.48	*****				*****			
10	ANA VELBA COFFANI	BRA	4:37.12	WOMEN -- 60-64 -- 200 M. BRST				1	JUDIE OLIVER	CAN	3:23.71
11	G.MCKENZIE-HICKS	AUS	4:43.12	*****				2	GRETHE BENDTSEN	DEN	3:31.62
12	JEANE GRUENDER	USA	4:51.92	1	JUDIE OLIVER	CAN	3:36.87	3	JOAN PARNELL	CAN	3:45.59
13	SHIGEO HIRAKI	JPN	5:02.04	2	LILLY KRON	USA	3:36.90	4	SHIRLEY SCOTT	USA	4:10.08
*****				3	EDITH BOEHM	GER	3:39.87	5	MARIA YUNGEL	USA	4:11.89
WOMEN -- 60-64 -- 50 M. BRST				4	ERIKA LANGE	GER	3:42.52	6	MARIAN WOLLE	USA	4:14.37
*****				5	CAROL FERGUSON	USA	4:00.36	7	TOSHIE YOSHIDA	JPN	4:17.10
1	EDITH BOEHM	GER	43.01	6	EIKO MORI	JPN	4:08.61	8	PRISCILLA LOGAN	NZL	4:17.43
2	ERIKA LANGE	GER	44.50	7	TOSHIE YOSHIDA	JPN	4:19.19	9	JOAN KIDD	GBR	4:28.04
3	ODETTE LUSIEN	FRA	44.77	8	JOAN KIDD	GBR	4:24.41	10	YOKO UCHIDA	JPN	4:28.76
4	LILLY KRON	USA	47.71	9	L.SILVA DUARTE	BRA	4:24.61	11	STEFANENA KYSOR	USA	4:30.27
5	JOAN PARNELL	CAN	49.28	10	YOKO UCHIDA	JPN	4:25.69	12	GRETA NIXON	AUS	4:34.08
6	H.SOMMERMEYER	GER	50.81	11	CAROLINE KELLY	RSA	4:30.88	13	JANET STOBIE	GBR	4:35.86
7	EIKO MORI	JPN	51.92	12	MARIAN WOLLE	USA	4:33.18	14	CHERYL CORBETT	USA	4:43.00
8	TOSHIE YOSHIDA	JPN	52.32	13	HANNELORE SNYDER	USA	4:42.11	15	ESTHER ROMERO	MEX	5:18.36
9	CAROLINE KELLY	RSA	53.43	14	JEANE GRUENDER	USA	5:20.39	16	ISHIKO TSUBOI	JPN	5:54.71
10	YOKO UCHIDA	JPN	55.15	15	ETSUKO YANAGAWA	JPN	5:40.61	17	NOEILA SAAVEDRA	ARG	7:57.13
11	YOSHIE TAJIMA	JPN	55.51	*****				*****			
12	L.SILVA DUARTE	BRA	55.99	WOMEN -- 60-64 -- 50 M. FLY				WOMEN -- 60-64 -- 400 M. I.M.			
13	KAZUKO KAKIMI	JPN	56.84	*****				*****			
14	HANNELORE SNYDER	USA	57.06	1	JANE ASHER	GBR	38.94	1	JUDIE OLIVER	CAN	7:05.31
15	SHIRLEY SCOTT	USA	57.18	2	JUDIE OLIVER	CAN	40.19	2	MARIAN WOLLE	USA	9:00.04
16	HELGA THIEN	GER	57.84	3	ODETTE LUSIEN	FRA	41.42	3	SHIRLEY SCOTT	USA	9:09.76
17	STEFANENA KYSOR	USA	58.04	4	JOAN PARNELL	CAN	46.40	4	YOKO UCHIDA	JPN	9:23.83
18	GRETA NIXON	AUS	58.50	5	EDIE GRUENDER	USA	47.46	5	GRETA NIXON	AUS	9:30.98
19	ROBERTA VAN WELT	USA	59.68	6	SHIRLEY SCOTT	USA	52.46	6	ROBERTA VAN WELT	USA	9:43.12
20	BETHE HUTH	GER	1:02.11	7	AILSA DUNCAN	AUS	52.80	7	AILSA DUNCAN	AUS	10:18.62
21	HIDEKO MURAKAMI	JPN	1:03.01	8	MITSUKO KOMURO	JPN	55.96	8	ISHIKO TSUBOI	JPN	12:39.88
22	JOAN HOFFMANN	USA	1:03.33	9	L.SILVA DUARTE	BRA	56.45	*****			
23	IDA RYTHUR	NOR	1:04.27	10	CAROLINE KELLY	RSA	57.71	WOMEN -- 65-69 -- 50 M. FREE			



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

SWIMMING RESULTS - WOMEN

*****				13	KISHIE MAKI	JPN	4:26.69	12	ELIZABETH BERCE	AUS	2:11.66
1	CLARA WALKER	USA	34.75	14	PAULINE BENJAMIN	AUS	5:26.81	13	CAROL KNEPP	USA	2:11.98
2	BETTY JANE RUSS	USA	37.48	15	M.ASTORDEARGUELLO	ARG	6:54.17	14	AUREA FRATTINI	BRA	2:39.37
3	JEAN TROY	USA	38.04	*****				*****			
4	PETHEY SMITH	USA	38.16	WOMEN -- 65-69 -- 400 M. FREE				WOMEN -- 65-69 -- 200 M. BACK			
5	KERSTIN GJORES	SWE	38.43	*****				*****			
6	DELLA SEHORN	USA	39.80	1	CLARA WALKER	USA	6:09.08	1	DORIS STEADMAN	USA	3:24.33
7	MARGERY MEYER	USA	40.33	2	BETTY JANE RUSS	USA	6:34.81	2	DELLA SEHORN	USA	3:39.50
8	JEANNE MERRYMAN	USA	41.68	3	JUNE KRAUSER	USA	6:36.75	3	KERSTIN GJORES	SWE	3:41.24
9	KRISTINE VADEM	SWE	42.01	4	PETHEY SMITH	USA	6:38.13	4	REGAN KENNER	USA	3:44.61
10	SHIRLEY CRANDELL	CAN	43.11	5	MARGERY MEYER	USA	7:06.81	5	FLORENCE CARR	USA	3:49.13
11	LOUISE MANN	USA	44.37	6	LOIS NOCHMAN	USA	7:35.78	6	M.J.AMSBARY	USA	3:59.59
12	CLARA SOTAK	USA	48.54	7	FAY BECK	USA	7:58.10	7	KRISTINE VADEM	SWE	3:59.89
13	TERUKO TSUBOUCHI	JPN	50.02	8	BERYL GRACE	AUS	8:07.46	8	JEANNE MERRYMAN	USA	4:09.80
14	HERTA BREUER	GER	50.59	9	CLARA SOTAK	USA	8:22.70	9	SHIRLEY CRANDELL	CAN	4:23.96
15	HISAKO YOKOI	JPN	51.40	10	TERUKO TSUBOUCHI	JPN	8:25.46	10	CAROL KNEPP	USA	4:39.17
16	IRENE D'AGOSTINO	USA	53.99	11	DORIS PETERS	USA	8:30.59	11	MARJORIE NEWMAN	USA	4:41.73
17	SHIZU ASHIZAWA	JPN	55.20	12	IRENE D'AGOSTINO	USA	8:50.09	12	CECILE GOSSELIN	CAN	4:45.74
18	MOTO MIFUNE	JPN	55.81	13	MARJORIE NEWMAN	USA	8:51.53	13	BERYL GRACE	AUS	4:48.79
19	YASUKO NAKAMURA	JPN	1:04.22	14	KISHIE MAKI	JPN	9:03.82	*****			
20	AUREA FRATTINI	BRA	1:05.34	15	HERTA BREUER	GER	9:19.64	WOMEN -- 65-69 -- 50 M. BRST			
21	MIYOKO YOSHIDA	JPN	1:07.85	16	HISAKO YOKOI	JPN	9:58.12	*****			
22	JUDY ANN KELLY	USA	1:08.99	17	PAULINE BENJAMIN	AUS	10:12.02	*****			
*****				*****				*****			
WOMEN -- 65-69 -- 100 M. FREE				WOMEN -- 65-69 -- 50 M. BACK				*****			
*****				*****				*****			
1	CLARA WALKER	USA	1:16.84	1	DORIS STEADMAN	USA	42.18	1	L.BURG-BONNIER	NED	49.47
2	BETTY JANE RUSS	USA	1:23.24	2	DELLA SEHORN	USA	45.10	2	AGNES PLISSON	FRA	49.53
3	PETHEY SMITH	USA	1:24.40	3	KERSTIN GJORES	SWE	45.23	3	MJ AMSBARY	USA	49.60
4	JEAN TROY	USA	1:25.60	4	FLORENCE CARR	USA	46.13	4	REGAN KENNER	USA	49.94
5	MARGERY MEYER	USA	1:32.48	5	KRISTINE VADEM	SWE	46.37	5	EVA MISCHKE	GER	52.86
6	KERSTIN GJORES	SWE	1:32.71	6	MARGERY MEYER	USA	46.58	6	JOAN GLARATON	USA	53.19
7	SHIRLEY CRANDELL	CAN	1:40.01	7	REGAN KENNER	USA	47.55	7	C.COSTELLO	USA	53.63
8	KRISTINE VADEM	SWE	1:40.77	8	SARAH ALLNUTT	USA	49.16	8	RUTH HENSCHER	GER	53.74
9	JEANNE MERRYMAN	USA	1:45.70	9	M.J.AMSBARY	USA	49.48	9	HEDWIG ZIEGLER	GER	55.44
10	BERYL GRACE	AUS	1:46.48	10	JEANNE MERRYMAN	USA	51.39	10	SARAH ALLNUTT	USA	55.59
11	LIZ LUBBERS	NZL	1:47.86	11	RUTH HENSCHER	GER	54.25	11	THEA VATTERER	GER	59.57
12	CLARA SOTAK	USA	1:48.17	12	LIZ LUBBERS	NZL	56.06	12	DORIS PETERS	USA	59.62
13	FAY BECK	USA	1:48.88	13	HEDWIG ZIEGLER	GER	56.39	13	LIZ LUBBERS	NZL	1:01.69
14	LOUISE MANN	USA	1:50.71	14	ELIZABETH BERCE	AUS	57.44	14	BETTY DUNN	USA	1:02.14
15	DORIS PETERS	USA	1:53.37	15	CAROL KNEPP	USA	58.17	15	JUDY ANN KELLY	USA	1:04.28
16	KISHIE MAKI	JPN	2:00.73	16	LOUISE MANN	USA	59.89	16	ELIZABETH BERCE	AUS	1:06.73
17	HERTA BREUER	GER	2:02.77	17	IRENE D'AGOSTINO	USA	1:01.49	17	YOSHIKO NAGATA	JPN	1:09.16
18	MURIEL DYKEMA	USA	2:09.01	18	THEA VATTERER	GER	1:04.68	18	MURIEL DYKEMA	USA	1:10.10
19	HISAKO YOKOI	JPN	2:13.08	19	MOTO MIFUNE	JPN	1:06.32	19	PHEBE EDINGTON	USA	1:33.04
20	JUDY ANN KELLY	USA	2:13.18	20	YASUKO WAKAMURA	JPN	1:11.15	*****			
21	AUREA FRATTINI	BRA	2:40.11	21	AUREA FRATTINI	BRA	1:12.40	WOMEN -- 65-69 -- 100 M. BRST			
22	PHEBE EDINGTON	USA	3:09.72	22	PHEBE EDINGTON	USA	1:23.69	*****			
*****				23	MIYOKO YOSHIDA	JPN	1:25.57	*****			
*****				*****				*****			
WOMEN -- 65-69 -- 200 M. FREE				WOMEN -- 65-69 -- 100 M. BACK				*****			
*****				*****				*****			
1	CLARA WALKER	USA	2:48.51	1	DORIS STEADMAN	USA	1:34.06	1	L.BURG-BONNIER	NED	1:47.94
2	BETTY JANE RUSS	USA	3:04.64	2	KERSTIN GJORES	SWE	1:39.83	2	AGNES PLISSON	FRA	1:48.42
3	PETHEY SMITH	USA	3:06.85	3	DELLA SEHORN	USA	1:40.79	3	REGAN KENNER	USA	1:50.69
4	JEAN TROY	USA	3:08.27	4	REGAN KENNER	USA	1:42.68	4	EVA MISCHKE	GER	1:56.95
5	MARGERY MEYER	USA	3:22.01	5	FLORENCE CARR	USA	1:42.97	5	M.J.AMSBARY	USA	1:58.02
6	KERSTIN GJORES	SWE	3:31.56	6	M.J.AMSBARY	USA	1:49.05	6	C.COSTELLO	USA	2:02.39
7	SHIRLEY CRANDELL	CAN	3:42.43	7	KRISTINE VADEM	SWE	1:51.77	7	HEDWIG ZIEGLER	GER	2:04.58
8	FAY BECK	USA	3:55.96	8	JEANNE MERRYMAN	USA	1:53.44	8	SARAH ALLNUTT	USA	2:08.45
9	CLARA SOTAK	USA	3:58.86	9	BETTY DUNN	USA	2:01.04	9	JOAN GLARATON	USA	2:08.57
10	CAROL KNEPP	USA	4:04.67	10	SHIRLEY CRANDELL	CAN	2:03.27	10	DORIS PETERS	USA	2:17.05
11	LIZ LUBBERS	NZL	4:12.27	11	LOUISE MANN	USA	2:11.10	11	LOUISE MANN	USA	2:17.75
12	IRENE D'AGOSTINO	USA	4:16.38	*****				12	THEA VATTERER	GER	2:18.36
*****				*****				13	LIZ LUBBERS	NZL	2:18.99
*****				*****				14	CLARA SOTAK	USA	2:22.91
*****				*****				15	JUDY ANN KELLY	USA	2:26.68
*****				*****				16	MURIEL DYKEMA	USA	2:38.47
*****				*****				17	PAULINE BENJAMIN	AUS	2:50.69
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IV FINA WORLD MASTERS CHAMPIONSHIPS – INDIANAPOLIS USA - JUNE 25-JULY 5 1992

SWIMMING RESULTS - WOMEN

*****				4	LOIS NOCHMAN	USA	8:41.99	4	B.BURRILL	USA	3:36.29
1	L.BURG-BONNIER	NED	3:52.25	5	CECILE GOSSELIN	CAN	9:36.79	5	CANDIDA GANDOLPHO	BRA	3:51.72
2	REGAN KENNER	USA	4:02.94	6	BETTY DUNN	USA	9:42.30	6	ANNALOU CARRIER	USA	4:07.17
3	AGNES PLISSON	FRA	4:05.42	7	MARJORIE NEWMAN	USA	11:20.89	7	A.HOTTINGER	USA	4:28.04
4	EVA MISCHKE	GER	4:10.59	*****				8	NERINA MCALL	RSA	4:30.76
5	M.J.AMSBARY	USA	4:16.71	WOMEN -- 70-74 -- 50 M. FREE				9	RACHEL ERWIN	USA	4:36.50
6	HEDWIG ZIEGLER	GER	4:24.05	*****				10	MASA TSUCHIMOTO	JPN	5:01.23
7	JOAN GLARATON	USA	4:53.15	1	OLGA JOHNSON	NZL	37.61	11	KATE BRAZIL	USA	5:10.58
8	LIZ LUBBERS	NZL	4:56.03	2	CATHERINE KERR	CAN	37.65	*****			
9	YOSHIKO NAGATA	JPN	5:14.34	3	DOROTHY DONNELLY	USA	38.59	WOMEN -- 70-74 -- 400 M. FREE			
10	DORIS PETERS	USA	5:15.46	4	M.PFANNMUELLER	GER	42.51	*****			
11	PAULINE BENJAMIN	AUS	5:58.18	5	B.BURRILL	USA	43.37	1	CATHERINE KERR	CAN	7:15.99
*****				6	BUNNY CEDERLUND	USA	43.47	2	BILLIE BURRILL	USA	7:44.63
WOMEN -- 65-69 -- 50 M. FLY				7	NERINA MCALL	RSA	46.58	3	DOROTHY DONNELLY	USA	7:55.13
*****				8	ANNALOU CARRIER	USA	47.16	4	SYLVIA HILL	USA	8:05.21
1	LOIS NOCHMAN	USA	44.88	9	JOSEPHINE PALLIN	USA	47.54	5	BUNNY CEDERLUND	USA	8:20.30
2	JUNE KRAUSER	USA	46.02	10	SUMIKO KOIZUMI	JPN	48.14	6	EDITH THEIN	ISR	8:20.90
3	FLORENCE CARR	USA	46.45	11	NORMA HOFFRICHTER	USA	49.91	7	AGNES ZYDINSKY	USA	8:46.05
4	JEAN TROY	USA	48.14	12	H.HUGGINS	USA	50.12	8	A.HOTTINGER	USA	9:21.64
5	SARAH ALLNUTT	USA	50.59	13	BETTY ROBINSON	USA	50.40	9	L.HOSCHKE-LENGE	GER	9:29.30
6	BETTY DUNN	USA	51.29	14	JUANITA WILLARD	USA	50.62	10	MARION CHADWICK	USA	10:08.43
7	JEANNE MERRYMAN	USA	55.23	15	ELIZABETH COLBURN	USA	56.14	11	RACHEL ERWIN	USA	10:26.99
8	SHIRLEY CRANDELL	CAN	56.97	16	LOGA DE OLAZAVAL	PER	57.68	12	KATE BRAZIL	USA	11:13.24
9	BERYL GRACE	AUS	58.83	17	LUELLA HEATH	USA	58.08	*****			
10	KISHIE MAKI	JPN	1:04.60	18	KATE BRAZIL	USA	1:02.01	WOMEN -- 70-74 -- 50 M. BACK			
11	IRENE D'AGOSTINO	USA	1:09.21	19	MASA TSUCHIMOTO	JPN	1:02.48	*****			
12	PAULINE BENJAMIN	AUS	1:27.09	20	YONEKO YOSHIDA	JPN	1:10.18	1	BUNNY CEDERLUND	USA	44.53
13	M.ASTORDEARGUELLO	ARG	3:18.35	21	FLORENCE MELICK	USA	1:24.48	2	BETTY CHRISTIAN	USA	48.95
*****				*****				3	M.PFANNMUELLER	GER	49.71
WOMEN -- 65-69 -- 100 M. FLY				WOMEN -- 70-74 -- 100 M. FREE				4	OLGA JOHNSON	NZL	51.17
*****				*****				5	JOSEPHINE PALLIN	USA	51.45
1	JUNE KRAUSER	USA	1:42.39	1	CATHERINE KERR	CAN	1:28.07	6	EDITH THEIN	ISR	51.62
2	DELLA SEHORN	USA	1:47.55	2	DOROTHY DONNELLY	USA	1:28.96	7	H.HUGGINS	USA	53.36
3	LOIS NOCHMAN	USA	1:52.60	3	OLGA JOHNSON	NZL	1:31.11	8	KIMOTO HISAKO	JPN	53.91
4	BETTY DUNN	USA	1:59.97	4	M.PFANNMUELLER	GER	1:37.77	9	SUMIKO KOIZUMI	JPN	54.18
5	AGNES PLISSON	FRA	2:06.32	5	B.BURRILL	USA	1:38.21	10	TILDE EICKER	GBR	54.73
6	BERYL GRACE	AUS	2:34.64	6	BUNNY CEDERLUND	USA	1:40.63	11	ANNALOU CARRIER	USA	56.23
7	CECILE GOSSELIN	CAN	2:37.52	7	KIMOTO HISAKO	JPN	1:41.15	12	JEAN ZULICH	USA	56.39
*****				8	SYLVIA HILL	USA	1:46.09	13	MARY CULHANE	USA	58.35
WOMEN -- 65-69 -- 200 M. FLY				9	CANDIDA GANDOLPHO	BRA	1:49.51	14	NORMA HOFFRICHTER	USA	1:00.93
*****				10	ANNALOU CARRIER	USA	1:50.20	15	BETTY ROBINSON	USA	1:02.39
1	JUNE KRAUSER	USA	3:42.61	11	SUMIKO KOIZUMI	JPN	1:50.48	16	JUANITA WILLARD	USA	1:04.26
2	BETTY JANE RUSS	USA	3:48.10	12	JOSEPHINE PALLIN	USA	1:52.20	17	IKUKO AKASHI	JPN	1:04.72
3	LOIS NOCHMAN	USA	4:21.63	13	NERINA MCALL	RSA	1:54.54	18	LUELLA HEATH	USA	1:05.62
4	BETTY DUNN	USA	4:51.52	14	H.HUGGINS	USA	2:00.00	19	LOGA DE OLAZAVAL	PER	1:05.80
5	JOAN GLARATON	USA	5:10.70	15	L.HOSCHKE-LENGE	GER	2:02.26	20	NERINA MCALL	RSA	1:08.73
6	CECILE GOSSELIN	CAN	5:17.79	16	JUANITA WILLARD	USA	2:02.31	21	KATE BRAZIL	USA	1:10.55
7	MARJORIE NEWMAN	USA	6:41.24	17	RACHEL ERWIN	USA	2:06.32	22	SHIZUKO KUROSAWA	JPN	1:12.41
*****				18	BETTY ROBINSON	USA	2:06.40	23	RACHEL ERWIN	USA	1:19.36
WOMEN -- 65-69 -- 200 M. I.M.				19	LUELLA HEATH	USA	2:10.89	24	BETTE HOFFMANN	USA	1:30.52
*****				20	ELIZABETH COLBURN	USA	2:12.96	25	FLORENCE MELICK	USA	1:32.82
1	DELLA SEHORN	USA	3:44.31	21	MARIE KREIPE	USA	2:17.57	26	MARTHA HALL	USA	2:01.80
2	JEAN TROY	USA	3:46.20	22	MARION CHADWICK	USA	2:17.58	*****			
3	FLORENCE CARR	USA	3:46.82	23	KATE BRAZIL	USA	2:31.45	WOMEN -- 70-74 -- 100 M. BACK			
4	AGNES PLISSON	FRA	3:54.55	24	DORIS TRAUGHBER	USA	2:53.54	*****			
5	CECILE GOSSELIN	CAN	4:44.18	25	MARTHA HALL	USA	3:05.60	1	BUNNY CEDERLUND	USA	1:45.29
6	DORIS PETERS	USA	4:46.28	26	ZONA JONES	USA	3:15.94	2	BETTY CHRISTIAN	USA	1:49.39
*****				*****				3	EDITH THEIN	ISR	1:55.05
WOMEN -- 65-69 -- 400 M. I.M.				WOMEN -- 70-74 -- 200 M. FREE				4	OLGA JOHNSON	NZL	1:55.77
*****				*****				5	JOSEPHINE PALLIN	USA	1:56.77
1	JUNE KRAUSER	USA	7:35.11	1	CATHERINE KERR	CAN	3:21.01	6	SUMIKO KOIZUMI	JPN	2:00.12
2	AGNES PLISSON	FRA	8:16.48	2	DOROTHY DONNELLY	USA	3:28.22	7	ANNALOU CARRIER	USA	2:02.41
3	PETEY SMITH	USA	8:41.32	3	OLGA JOHNSON	NZL	3:33.63	8	TILDE EICKER	GBR	2:02.57



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

SWIMMING RESULTS - WOMEN

9	H.HUGGINS	USA	2:02.58	WOMEN -- 70-74 -- 200 M. BRST	*****	*****	*****
10	JEAN ZULICH	USA	2:16.40	*****	*****	WOMEN -- 75-79 -- 50 M. FREE	*****
11	BETTY ROBINSON	USA	2:17.96	1	BETTY CHRISTIAN	USA	4:06.80
12	L.HOSCHKE-LENGE	GER	2:20.16	2	EVA RAUNER	GER	4:19.02
13	LUELLA HEATH	USA	2:21.85	3	INGEBORG FRITZE	GER	4:20.74
14	JUANITA WILLARD	USA	2:25.49	4	CANDIDA GANDOLPHO	BRA	4:28.49
15	ELIZABETH COLBURN	USA	2:32.54	5	GERTRUD MEERWALD	GER	4:37.07
16	BUNNY HAVLICEK	USA	2:40.35	*****	*****	*****	*****
17	RACHEL ERWIN	USA	2:49.67	WOMEN -- 70-74 -- 50 M. FLY	*****	*****	*****
18	FLORENCE MELICK	USA	3:24.22	*****	*****	*****	*****
19	BETTE HOFFMANN	USA	3:28.30	1	CATHERINE KERR	CAN	46.55
*****	*****	*****	*****	2	JEANNETTE EPPLEY	USA	51.95
WOMEN -- 70-74 -- 200 M. BACK	*****	*****	*****	3	DOROTHY DONNELLY	USA	57.95
*****	*****	*****	*****	4	CANDIDA GANDOLPHO	BRA	58.18
1	BUNNY CEDERLUND	USA	3:52.95	5	SYLVIA HILL	USA	58.72
2	EDITH THEIN	ISR	3:55.43	6	GERTRUD MEERWALD	GER	58.93
3	EVA RAUNER	GER	4:09.00	7	SUE MCGAUGHEY	USA	59.14
4	SUMIKO KOIZUMI	JPN	4:12.75	8	OLGA JOHNSON	NZL	1:01.95
5	KIMOTO HISAKO	JPN	4:20.64	9	ZADA TAFT	USA	1:02.53
6	H.HUGGINS	USA	4:29.71	10	NERINA MCALL	RSA	1:03.81
7	ANNALOU CARRIER	USA	4:32.48	11	JEAN ZULICH	USA	1:05.35
8	ZADA TAFT	USA	4:48.31	12	MARIE KREIPE	USA	1:10.62
9	AGNES ZYDINSKY	USA	4:51.63	13	LOGA DE OLAZAVAL	PER	1:35.41
10	BETTY ROBINSON	USA	5:00.35	14	ZONA JONES	USA	1:57.88
11	ELIZABETH COLBURN	USA	5:04.21	*****	*****	*****	*****
12	LUELLA HEATH	USA	5:06.35	WOMEN -- 70-74 -- 100 M. FLY	*****	*****	*****
13	NERINA MCALL	RSA	5:25.33	*****	*****	*****	*****
14	KIMIKO ONO	JPN	6:00.45	1	JEANNETTE EPPLEY	USA	2:06.32
15	ROSE STEWARD	USA	6:51.90	2	GERTRUD MEERWALD	GER	2:18.21
*****	*****	*****	*****	3	SUE MCGAUGHEY	USA	2:24.82
WOMEN -- 70-74 -- 50 M. BRST	*****	*****	*****	4	JEAN ZULICH	USA	2:44.60
*****	*****	*****	*****	5	ZONA JONES	USA	3:58.03
1	INGEBORG FRITZE	GER	49.57	6	ROSE STEWARD	USA	5:32.06
2	BETTY CHRISTIAN	USA	50.08	*****	*****	*****	*****
3	TILDE EICKER	GER	53.15	WOMEN -- 70-74 -- 200 M. FLY	*****	*****	*****
4	CANDIDA GANDOLPHO	BRA	53.71	*****	*****	*****	*****
5	EVA RAUNER	GER	54.24	1	JEANNETTE EPPLEY	USA	4:59.75
6	MARY CULHANE	USA	1:03.28	2	GERTRUD MEERWALD	GER	5:14.23
7	NORMA HOFFRICHTER	USA	1:04.57	3	ZONA JONES	USA	8:01.12
8	JEAN ZULICH	USA	1:04.99	*****	*****	*****	*****
9	AGOTA FROHS	USA	1:05.02	WOMEN -- 70-74 -- 200 M. I.M.	*****	*****	*****
10	MARIE KREIPE	USA	1:09.01	*****	*****	*****	*****
11	ELIZABETH COLBURN	USA	1:14.87	1	CATHERINE KERR	CAN	3:51.91
12	LUCIE ROSEN	GER	1:16.52	2	DOROTHY DONNELLY	USA	4:12.94
13	DORIS TRAUGHBER	USA	1:22.53	3	KIMOTO HISAKO	JPN	4:15.55
14	HIROKO OKUCHI	JPN	1:25.92	4	EVA RAUNER	GER	4:23.08
15	MARION CHADWICK	USA	1:30.85	5	JEANNETTE EPPLEY	USA	4:33.55
16	CHEN TUI	TPE	1:59.79	6	SUE MCGAUGHEY	USA	4:51.20
17	FLORENCE MELICK	USA	2:00.09	7	MARIE KREIPE	USA	5:27.07
18	MARTHA HALL	USA	2:42.44	8	L.HOSCHKE-LENGE	GER	5:32.63
*****	*****	*****	*****	9	ZONA JONES	USA	8:18.10
WOMEN -- 70-74 -- 100 M. BRST	*****	*****	*****	10	ROSE STEWARD	USA	9:04.26
*****	*****	*****	*****	*****	*****	*****	*****
1	BETTY CHRISTIAN	USA	1:52.88	WOMEN -- 70-74 -- 400 M. I.M.	*****	*****	*****
2	INGEBORG FRITZE	GER	1:56.67	*****	*****	*****	*****
3	EVA RAUNER	GER	2:01.52	1	EVA RAUNER	GER	8:53.48
4	TILDE EICKER	GBR	2:03.55	2	GERTRUD MEERWALD	GER	9:39.18
5	CANDIDA GANDOLPHO	BRA	2:05.05	3	SYLVIA HILL	USA	9:47.65
6	KIMOTO HISAKO	JPN	2:07.82	4	JEANNETTE EPPLEY	USA	9:50.51
7	AGOTA FROHS	USA	2:15.77	5	ZADA TAFT	USA	11:04.60
8	MARY CULHANE	USA	2:24.69	6	L.HOSCHKE-LENGE	GER	12:08.98
9	MARIE KREIPE	USA	2:40.11	7	MARION CHADWICK	USA	15:29.89
*****	*****	*****	*****	8	ROSE STEWARD	USA	17:24.94



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

SWIMMING RESULTS - WOMEN

5 C.SPINDELNDREHER GER 1:04.05
6 GISELA REINSCH GER 1:07.08
7 M.SA DE VIEIRA BRA 1:13.00
8 VICKEE SULLIVAN USA 1:14.81
9 BETH HANKS USA 1:14.82
10 BUZ CATLIN USA 1:17.15
11 ESTHER AYALA ARG 1:28.27
12 MILLIE MCCREE USA 1:37.48
13 FLORENCE SMITH NZL 1:52.02

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

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

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

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

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

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

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

1 SALLY JOY USA 2:20.89
2 M.HARNISCH GER 2:21.10
3 C.SPINDELNDREHER GER 2:23.93
4 GISELA REINSCH GER 2:27.02
5 EDITH GLUSAC USA 2:28.26
6 BUZ CATLIN USA 3:04.99
7 ANNE WILDER USA 3:06.26
8 MARY SIEBOLD USA 4:37.42
9 FLORENCE SMITH NZL 5:06.54

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

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

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

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

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

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

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

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

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

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

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

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

5 AYAKO TAKADA JPN 6:25.72
6 HEDY PULLMAN USA 6:52.33

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

SWIMMING RESULTS - WOMEN

2 DOROTHY RIORDAN USA 7:39.74

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

1 ELSA MATTILA USA 11:57.70

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

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

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

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

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

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

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

1 MARIAN MCKECHNIE USA 13:40.70

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

1 AILEEN SOULE USA 58.68

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

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

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

1 AILEEN SOULE USA 4:57.37