



1987 USMS ALL AMERICANS

WOMEN 19-24

Janine M Amodeo
Ellen E Atkinson
Margaret A Bell
Heidi B Bischoff
Dawn H Braciak
Kelly A Burke
Karen A Burton
Trina Burton
Marcia Cleveland
Diane DeBobis
Patricia M DeLizasoain
Paula Jo DiMarzio
Sarah Durstein
Susan A Fairless
Gina M Gatti
Diana Hattler
Pamela M Locke
Lane V Looze
Kathy Lynch
Lori A McQuestion
Jeanette L Nabell
Laura K O'Heir
Katherine A Oubre
Denise R Pickford
Carola Pinckert
Lori J Silvis
Nancy L Stauffer
Shirley Suter
Anne Tweedy
Diane L Ursinn

WOMEN 25-29

Kim J Carlisle
Dawn L Carlson
Bonnie L Durdy
June Ford
Jeanne M Hanisch
Lauren A Hasselquist
Mary Holmes
Linda M Lanini
Amy E Lepping
Beth Lutz
Beth C Mauer
Marguerite V Meyer
Nancy S Mitchell
Karen L Moskal
Cathy V Neville
Beth O'Connor
Karlyn A Pipes

Susan M Richmond
Rosemary Seaman
Jeannine Yeko-Wish

WOMEN 30-34

Tamara L Bennett
Gayle Benty
Catherine Chay
Barbara W Crowder
Marcia S Dugger
Karen L Farnsworth
Cathy C Hession
Jackie Hirsty
Peggy Tosdal
Karen K Hogan
Brenda Lee
Carol Lee-Heltzel
Patricia A Mattson
Karen Melick
Huddie Murray
Kathleen Neill
Sandy Neilson
Pamela Rogers
Susan K Skiff
Mary Ann Stevens

WOMEN 35-39

Susanne Chandler
Brooke Dick
Barbara Dunbar
Susan Jones-Roy
Barbara L Lindsley
Martha R Martin
Susan Pamela
Janet Pesavento
Debra J Stephen
DAle C Strickland
Laura B Val
Deborah W Walker

WOMEN 40-44

Lynn Brownstein
Donna Burkhart
Carol M Chidester
Carolyn Ferris-Johnson
Charlotte H Iannacone
Lucy Johnson
Jane Katz
Linda McHenry
Sally Ann Peterson

Ginger Pierson
Mary M Pohlman
Diana Todd
Sharon Wise

WOMEN 45-49

Barbara Frid
Betsy Jordan
Joann J Leilich
Ardeth R Mueller
Nancy Ridout
Janet E Royer

WOMEN 50-54

Nancy Brown
Jayne Brunder
Helen J Buss
Juanita Correa
Margie Heineman
Ann B Johnsen
Betsy Jordan
Ronnie Kamphausen
Ann J Kay
Janet Lamott
Jeanne Little
Anne B McGuire
Lavelle Stoinoff

WOMEN 55-59

Anne B Adams
Cynthia J Bruce
Patricia S Dotson
Nancy Macbeth
Roxanne P Motter
Ann M Pisciotta
Diane Reed
Gail Peters Roper
Margaret Timmons

WOMEN 60-64

Florence Carr
Charlotte Costello
Patricia S Dotson
Regan Kenner
June Krauser
Petey M H Smith
Doris Steadman
Clara L Walker

WOMEN 65-69

Billie Ann Burrill
Betty Christian
Dorothy Donnelly
Louise Kelley Donovan
Jeannette C Eppley
Jane A McCollister
Nancy C Phillips
Dorothy L Resseguie
Rita Simonton
Mary Lee Watson
Gertrud Zint

WOMEN 70-74

Mardi Brown
Nancy Clark
Jean D Durston
Audrey H Etienne
Yvonne D Frischertz
June B Gilbert
Syrilda Helgren
Edna Hesthal
Sally Joy
Maxine Merlino
Janet J Mulligan
Mary Jane Reeves
Kay M Schimpf
Marjorie C Toland
Marie Wicklun
Gertrud Zint

WOMEN 75-79

Jewell Cooke
Julia Dolce
Marie Heikkinen
Edith M Hendry
Dorothy F Hopkins
Elizabeth John
Elsa P Mattila
Maxine Merlino
Madeline Miller
Helen C Offenhauser
Ruth D Switzer
Ellen Tait
Lenore Kight Wingard

WOMEN 80-84

Anne Bauscher
Margaret C Keil
Elizabeth Mauric

Marion B McKechnie
Katherine Pelton
Sally J Scott
Evelyn E Somers

WOMEN 85-89

Martha Keller
Pearl M Miller
Ella Peckham

MEM 19-24

Josh Amato
Justus M Breese
Mark Cleavenger
Howard S Cohen
Steve Cromarty
Pierre Delisle
Marc Gleichert
Edward Hoganson
Randal M Hyre
Darryl K Johnson
Steve Kupiszewski
Peter McClafferty
Thomas A McCleary
Mark A Noetzel
Patrick W O'Hara
Darren D Phelan
Marc T Ruh
Marc C Salvetti
Cameron J Sears
Joel A Stahl
Christopher Stevenson
R. Glenn Stevenson
Ken B Wagon
Terry White
J Scott Yeomans

MEN 25-29

James Clay Britt
Bernie Doering
Benn Doyle
Thomas A Early II
Christian L Edison
Donald Gibb
Daniel J Goerke
Mark E Heinrich
James D Johnson
David S Kemler
Avery C Kinter
Christopher Laiti

John Lundberg
 Jay McDonald
 Ross Myers
 Craig M Nadel
 Ron K Neugent
 Robert C Placak
 Robin G Ramirez
 Cameron D Reid
 Marc G Schlatter
 Steven L Schmidt
 Sam P Seiple
 Joe Shore
 William L Specht
 Jeff C Stiling
 John Tudor
 Jim Vick

MEN 30-34

James R Belardi
 Steve Breiter
 W Casey Claflin
 Rob Copeland
 James E Densmore Jr
 Steve Gregg
 Richard W Hess
 Richard R Hoffstetter
 Kenneth A Holmes
 Bruce L Howell
 Robert S Jackson
 Gregory S Johnson
 Michael Johnson
 Ted S Kanamine
 Leo J Letendre
 James Louie
 Sandy MacDonald
 Stuart J Marvin
 Jeffrey C Milton
 James P Montgomery
 Doug Northway
 R Mark Schuman
 Thomas C Wolf
 Lawrence W Wood
 Hessel E Yntema

MEN 35-39

James W Baehren
 Keith Bell
 Todd A Bryan
 Peter Feierabend
 John D Hansen
 Gregory J Harrison
 Jim McConica
 Chester Miltenberger
 Peter E Munger
 Peter R O'Keefe
 Kevin Polansky
 Byron H Reidenbaugh
 Fred J Schlicher
 Allen L Stark
 John R Sultan
 William Tingley
 Charles W Wolff
 Charles Yourd

MEN 40-44

Rich T Abrahams
 David Audley
 Ed Bartsch
 John J Calvert
 Rodney Cargill
 David M Curry
 Robert Gallas
 Timothy R Garton
 George Goff
 David Gray
 Scott G Guthrie
 Paul Henne
 Marty Hull
 Gary Langendoen
 John E Lindley
 David C Lyons
 Bruce Page
 Carl T Robinson
 Robert S Smith
 John R Sultan
 Kenneth Tillman
 Barry Wemple
 Peter F Wisner
 Richard H Woodrow

MEN 45-49

Allan L Cartwright
 Bruce B Clark
 James M Crane
 Edward Czalet
 Rick Field
 Drury Gallagher
 Jack Geoghegan
 L Douglas Markusic
 Jack McCoy
 William Mulliken
 Raymond F Padovan
 John Smith
 Robert R Williams
 Hugh O Winn
 William L Wood

MEN 50-54

Robert Bailie
 Jack R Beattie
 Donald L Brown
 Kirk Canterbury
 David L Costill
 William L Earley
 Philip Gay
 Ed Hinshaw
 Ernie Leskovitz
 Yoshi Oyakawa
 Robert J Proebsting
 Manuel Sanguily

MEN 55-59

Harold C Begel
 Richard Bennett
 Edward L Emes Jr
 F. Ted Haartz
 Donald P Hill
 Ronald L Johnson
 Graham M Johnston
 William J Kent
 Herbert A Kern
 John D Korthueuer
 John P Masters
 Charles J Moss
 Michael Jon Muckleroy

Frank E Reynolds
 Fred W Sprenger

MEN 60-64

F Agliette Elliott
 Roger G Franks
 George E Gandsey
 Donald Hester
 Paul Hutinger
 Art Kelley
 Joseph L Kurtzman
 Morris P Mathews
 Frank Piemme
 Edward Rudloff Sr
 C Frederick Schmidt
 Donald J Sery
 Winthrop B Wilson
 John M Woods
 Carl Yates

MEN 65-69

John Bricker
 Aldo V DaRosa
 Birch Davidson
 Herman S Forest
 Edward D Hall
 Jerry Jarrold
 Paul Krup
 Robert Morrison
 Peter A Powlison
 Hugh S Richards
 Raymond F Taft
 Fred Taioli
 Ted Von Berkefeldt

MEN 70-74

Bennett Y Allen
 Harry W Bartlett
 Anton M Cerer
 Roger Chamberlain
 Norris W Fluke
 Richard Guido
 Herbert M Howe
 Paul Krup
 Kelley B Lemmon

E Don McCullough
 Nelson H Otis
 Harry W Rawstrom
 David J Rowan
 Edward J Shea
 Henry Shostchuk
 Lynn C Surles
 Carl W Thornburg
 Albert Vandeweghe
 Russ B Witte
 Dexter E Woodford

MEN 75-79

Jesse B Coon
 Herbert M Howe
 Kelley B Lemmon
 John L Morrison
 Harold Perry
 Reggie Richardson
 Donald W STEvenser
 John Stinson
 Otto Wulfe

MEN 80-84

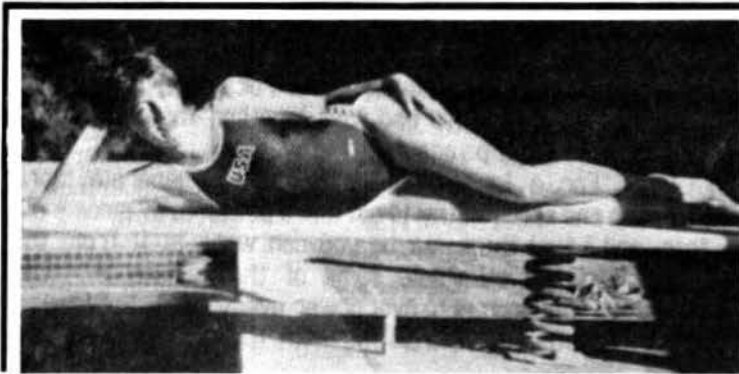
Stanton Craigie
 Herbert E Eisenschmidt
 Arthur Hargrave
 Henry H Jagers
 Alvin A Kallunki
 Gus Langer
 Sig Loeffler
 Abe Olanoff
 Art Rule

MEN 85-89

Thomas K Cureton
 William I Huber
 Anthony Lopez
 Paul E Spangler
 LeRoy Webster

MEN 90+

Thomas D Lane



LIKE MOTHER

LIKE DAUGHTER

Betsy (51) and Amy (26) Jordan strike a similar pose at the Jordan family's 16.67 meter pool in LaJolla, CA. Like Mother? Like Daughter? You bet!

RESULTS

Hour Swim

National Championships

(postal)

1988 INDIVIDUAL RESULTS

WOMEN 19 to 34

REC: Sarah Durstein, 22
1987 JER 5090 yds

1	DURSTEIN, SARAH	23	5040	ONA
2	HEC, SUE	23	5035	STP
3	BENTZLEN, KERRY	23	4775	BRK
4	MOGEE, CAROLYN	22	4720	TAM
5	CLEVELAND, MARCIA	23	4700	CON
6	DIKHANN, KRISTINA	22	4700	CON
7	BRYANT, SUZANNE	21	4510	HOW
8	KOESTER, REBECCA	22	4475	AUS
9	ROBINSON, LESLIE	23	4330	CON
10	ROPER, MICHELLE	21	4280	NIC
11	ROBER, KATHLEEN	24	4170	ON
12	ROBERTS, CHRIS	A	4170	SFA
13	BUCKLEY, KAREN	23	4145	NEM
14	BULLOCK, DEBBIE	22	4035	SMY
15	YOUNGS, LISA	24	4015	TAM
16	STREIB, JULIE	23	3985	SPP
17	BRADBURY, ANGELA	22	3980	MIS
18	BIRNMAN, BRENDA	24	3900	ONA
19	WEBER, CAROL	23	3850	DNR
20	WIGHT, HELOISE	24	3775	LAD
21	COSANKLI, ELIZ	23	3700	HAN
22	SATALINE, SUZANNE	24	3675	ONA
23	MICRINE, TAMMY	21	3460	SPP
24	PFYER, JANINE	19	2945	HIL AUS
25	ROBINSON, ROMENA	20	2180	HIL AUS

WOMEN 25 to 29

REC: Lynn Marshall, 26
1988 SFE GTB 5290 yds

USA REC: Amy Poy, 27
1988 LAK 5275 yds

1	MARSHALL, LYNN	26	5290	SFE GTB
2	POPE, AMY L.	27	5275	LAK
3	HEIN, SUZANNE	29	5170	TAM
4	VAN DER WOUDE, BERT	25	5130	ONA
5	O'BRIEN, LISA	28	5070	PNA
6	VALACH, JANE	27	5055	LAD
7	HUY, PATRICIA	25	5040	HAC
8	MARGERUM, SUZANNE	27	4850	SCT
9	MEYER, MARSHALLEE	28	4815	STP
10	GAGE, JANE	25	4750	SFA
11	HENSHAW, LESLIE	28	4730	ONA
12	OSADORNESKY, L.	27	4730	BUC
13	ROST, AMY	28	4630	SAS
14	LOCKE, PAMELA	25	4620	NAL
15	EDGAR, JAMI	26	4580	NIA
16	LEHRMAN, CONNI	27	4545	ONA
17	GROSSMAN, AMY B.	28	4525	PAC
18	BAKER, LARA	27	4515	STP
19	DORPAM, DECI	26	4490	EMP
20	DOBS, SUZANNE	27	4440	TAM
21	FORTUOL, KAREN	26	4395	EMP
22	SMART, DENISE	25	4280	TOL
23	MOORE, OLIVIA	28	4285	TAM
24	TRUHOL, CHRISTINE	25	4255	STP
25	YUSE, MARY	27	4230	POR
26	CRONIN, KATHRYN L	26	4145	ON
27	ALWARD, JEFFREY	29	4125	STP
28	HAZIERE, JAN	27	4125	OKL
29	STRONG, DIANE	26	4095	JER
30	RYNBECK, JUDY	25	4075	PIC CAN
31	KALLIL, NANCY	29	3970	ONA
32	BAKIREZ, JUDY	29	3965	ON
33	SCHNEIDER, SHARON	26	3950	IEY
34	SMITH, SHELLEY	29	3945	UNH
35	FARR, BETSY	29	3900	ADR
36	KEFFERSMAPLE, K.	28	3890	OKL
37	SOLEFIELD, HUTH	28	3885	SFA
38	ADELMAN, CONNIE	29	3805	LOW
39	CASCARI, LILI	29	3800	SEN
40	MORRAY, JAN	27	3790	CHI
41	SMITH, LINDA S.	27	3785	LAK
42	ANOKAS, ANN	26	3645	SBS
43	RING, KATHRYN	28	3640	SEN
44	BONILLA, SONYA	27	3615	IND
45	DELA Cruz, ROSA S	27	3600	ONA
46	HOFFMAN, CYNTHIA	29	3585	ON
47	MARTIN, EVE	25	3445	EMP
48	EDELMAN, JUDY	27	3300	NEM
49	WELCH, CAROL	27	3280	LIN
50	KINKE, DARLA	29	3240	EMP
51	WATSON, TRACY	29	3150	HIS
52	BIDVIA, SUSAN E.	28	2855	STA
53	CORRIER, ROBIN	27	2275	SCT
54	LATHAN, JANET	28	2000	OKL

WOMEN 30 to 34

REC: Patricia Mattson, 34
1988 GAM 5295 yds

1	MATTSON, PATRICIA	34	5295	GAM
2	NEILSON, SANDY	31	5135	SPP
3	HINES, BETH	31	4815	HAC
4	CROWDER, BARBARA	30	4805	CON
5	CURL, MARY C.	31	4815	LAK
6	MARTIN, PAMELA	30	4665	LAK
7	FLANSBURG, DEBBIE	32	4650	WAL
8	NELSON, ANNA	33	4530	LAK
9	DAUGHER, LIL	32	4530	NEM
10	HELMRICH, SUSAN	32	4530	PNP
11	MARTIN, NANCY	33	4430	JPR
12	SCHROCK, PAMELA	34	4360	SPP
13	FINCH, HERRY	33	4350	BOB
14	ROHRS, MARJORIE	32	4325	ONA
15	WERLINO, GEORGINA	31	4320	H L AUS
16	STACY, LOUISE C.	33	4300	GAL
17	ALLEN, ARITA	33	4275	HIS
18	RAMBER, ELIZ	33	4225	ON
19	DOWLEN, MARY H.	32	4230	CHA
20	WILSON, ROBYN	31	4220	SEM
21	HARRIS, KAROL K.	32	4180	SMH
22	NALOWE, WERSCHKY	31	4150	ON
23	WILIA, THERESA	30	4135	ONA
24	CUNNINGHAM, ALISON	31	4125	GAM
25	WATSON, LISA	33	4115	GAM
26	ANASTASIADES, MARY	31	4045	GAM
27	COLBIE, GAIL	34	4040	ONA
28	PAZIO, DARCY	33	4015	CON
29	BIGGETT, PAMELA	30	4010	SFA
30	LEFFERS, HARGARET	32	4000	IEY
31	FRIEDMAN, DANA	31	3990	ON
32	STOCKDALE, J.	32	3980	CON
33	CARLE, LYNN B.	30	3950	UNH
34	RYAN, KATHY	31	3900	HUM
35	HAMM, CAROLINE	32	3900	HUM

36	LEWET, PAT A	34	3895	LAS
37	REYER, PATRICIA	30	3830	SPP
38	MURRAY, ROSA	31	3830	EMP
39	SOZANSKI, GORAN	34	3800	NEM
40	RIFE, SUSAN	33	3800	LAD
41	LESHER, LISE	32	3770	OTH
42	WELLING, ELIZABETH	30	3665	ON
43	HOWARD, PAUL	30	3625	SWA
44	JZEL, ALANNA	34	3620	STO CAN
45	JANACEK, LYNN	34	3555	PIC CAN
46	BLANCHETTE, ANITA	33	3520	GAM
47	ROBERTS, GLORIA	32	3485	CON
48	TRIBODIAUX, CAROL	30	3460	DND
49	TRINGLAND, JOANN	31	3420	IND
50	HOBBS, ELIZABETH	34	3415	SFA
51	WINTER, P. JO-ANN	32	3330	NEM
52	CONINGTON, SHAINA	33	3330	NEM
53	LEFEVRE, CHANTAL	33	3295	NEM
54	GILBERT, LYN	32	3235	NOR
55	GODDALL, DIANE	31	3150	PNA
56	ROBE, SUSALINE	32	3100	ON
57	LESKO, KAREN M.	33	3090	JEP
58	WALKER, MADELYN Y.	33	3075	ONA
59	VANDERPOORT, EDITH	30	3075	LIN
60	NOELSANG, JANET	34	2855	STL
61	GINTER, KAREN	32	2855	ON
62	BENNETT, KRISTIN	30	2840	OKL
63	QUAYLE, JANE	34	2155	HIL AUS

WOMEN 35 to 39

REC: Barbara Dunbar, 37
1987 SDS 4900 yds

1	LINDSEY, BARBARA	38	4880	PNA
2	CASBY, KATHERINE	39	4640	PNA
3	FISHER, VALERIE	36	4555	STL
4	GREENWOOD, GAIL	35	4520	CON
5	KITTRILL, SHERRY	36	4510	IND
6	WILCOX, JUNE	37	4495	CON
7	GUTTLING, JANET	39	4405	SCT
8	CUBIN, KAREN	37	4395	IND
9	RAGUE, SUZANNE L.	37	4375	IEY
10	ZEIGER, PAMELA	37	4370	ON
11	LOVEY, CARIE	35	4275	WHI
12	WILBY, MARGARET	36	4245	COU AUS
13	BLOOMFIELD, SUSAN	35	4230	BUC
14	LARBORNT, ANNE	36	4150	MIS
15	OWEN, BRENDA	38	4120	STP
16	GREASON, KATHERINE	35	4090	NEM
17	BUCHANAN, JANE	36	4080	IND
18	ROESCHKE, SUSAN	38	4075	ONA
19	HANSON, GERT	39	4025	ROK
20	GRANT, KATHY	38	4010	MIS
21	STEER, ANN	39	4000	HUM CAN
22	BRENNAN-HAFNER A.	39	3975	CHI
23	SKAKAL, JANET	39	3970	HOW
24	BARKER, MARY E.	37	3970	STP
25	RIEISSON, SOLT	36	3950	UNH
26	DALY, DONNA	36	3880	PNA
27	KROCKER, KATHLEEN	38	3860	AZN
28	MOORE, JANE A.	37	3780	ON
29	WATKINS, MARY LEE	37	3750	LAD
30	STERNMAN, CHRISTINE	35	3745	NIA
31	PALMER, FRANCIE	37	3700	GRF CAN
32	ANDERSON, KATHIE	36	3675	WAI
33	DEES, DORIS	38	3675	ON
34	CLOUTNICK, LAURIE	36	3575	ROK
35	GILLONBINE, JO	36	3510	ROG
36	DAVIDSON, JANIE	38	3500	MIR
37	OWEN, CAROL	35	3445	CON
38	ROBE, BETSY	39	3445	CON
39	ALEXANDER, DONNA	38	3440	TAM
40	HOWE, CHRISTINE	35	3415	CON
41	MORGENSTEIN, ROBIN	38	3400	IAD
42	STANARD, MARGARET	36	3375	ON
43	MOENIG, ANITA	39	3270	MIL
44	GRABAN, LAURA	39	3260	YUB
45	REIBOLZ, KATHRYN	37	3250	PNH
46	BROWN, SISST	36	3170	ON
47	WEL, KATHLEEN J.	36	3170	ON
48	STOLL, SUSAN	37	3120	ON
49	ARMADJIAN-BAER, J.	36	3050	LAD
50	BRANDTATTER, KATHY	35	2875	LIN
51	ELSGOOD, ANNE	37	2845	HIL AUS
52	DOODINGTON, LEONE	36	2855	STL
53	BACHMAN, ANNE	39	2715	HAN
54	JOST, MARYANN	38	2680	YUB
55	HOLMES, LINDA	37	2600	GRF
56	WATKINS, LEE	37	2485	HIL AUS
57	SMITH, LYNN D.	36	2325	ONA
58	WICKING, GAYE	36	2195	HIL AUS
59	SMITH, SUZ	36	1835	HIL AUS

WOMEN 50 to 54

REC: S. Bradley-Cox, 50
1988 BRK 4525 yds

1	BRADLEY-COX, S.	50	4525	BRK
2	STONBER, DIANE M.	53	3975	HOP
3	KAY, ANN	53	3925	SMH
4	JORDAN, BETSY	50	3900	SOS
5	GIDLEY, MARY	50	3840	TAM
6	HITWALL, BETH	51	3825	TOY
7	CHRISTENSEN, BARBARA	50	3800	RHM
8	GLENN, SYLVIA J.	50	3745	LAD
9	WERRY, DOT J.	51	3640	SN
10	WHITENALL, MADINE	53	3630	AD
11	AKERS, HELEN	52	3520	EMP
12	SANTA, DOTTIE	50	3500	YUB
13	PARRETT, JUDY	50	3500	PIC
14	BILLINGS, CAROL	54	3450	ONA
15	TOLLMAN, PATRICIA	50	3420	ON
16	BYRNE, DONNA	51	3375	ONA
17	ERNSTEIN, CHAR	50	3355	AZM
18	POURSON, JUDY	52	3350	NEM
19	MURROE, DONNA	54	3335	WAL
20	POUST, ANN	54	3330	TA
21	DEBES, EVELYN	52	3325	CON
22	MCCUBBIN, MIEK	52	3325	SMH
23	TUCKER, BEVERLY	52	3280	STP
24	WATKINS, LINDA	52	3275	ON
25	DONN, PENNEY	54	3225	ETT
26	OSOFKY, BARBARA	50	3200	ONA
27	GELLES, EDITY	51	3175	RIN
28	LEVINE, MARINA	51	3150	CHI
29	FLIN, MARGARET	52	3090	STP
30	HALLY, JILL	50	2950	NEM
31	DELANT, HELEN	54	2905	MIL
32	ROWINGTON, HELEN	50	2500	STP
33	CLARE, VIRGINIA	51	2390	SMH
34	WATSON, MARTHA	51	2390	SMH
35	VAN DIJK, MARIANNE	54	2235	ROK
36	WILLIAMS, CAROL	52	1775	MCH

WOMEN 55 to 59

REC: Lavelle Stoinoff, 55
1988 MLY 4415 yds

1	STOINOFF, LAVELLE	55	4415	MIL
2	REED, DIANE	56	3905	NEM
3	SUSMAN, MALCOLM A.	58	3875	CON
4	SMITH, JOAN	57	3495	SAC
5	GAY, PATRICIA	58	3485	DAY
6	CALLISON, BARBARA	55	3475	RIN
7	GRAVENER, JUNE	56	3470	IND
8	WELCH, JANE	58	3400	IND
9	MCINTYRE, JOAN	59	3400	NEM
10	OWENS, BARBARA	58	3375	STT
11	HINKLEY, DOLLY	57	3240	NIA
12	HILL, MARY	58	3225	TAM
13	HILLINGS, MARY JANE	56	3200</	

MEN 40 to 44
REC: David Gray, 40
1987 SMM 5295 yds

Table listing swimmers and their times for the 40-44 age group. Includes names like DAMM, WILLIAM, WENDY, GEORGE, etc.

Table listing swimmers and their times for the 40-44 age group. Includes names like De SANCTIS, CARLOS, TSUTS, DAVID, etc.

MEN 45 to 49
REC: Hugh Winn, 45
1987 TAM 5195 yds

Table listing swimmers and their times for the 45-49 age group. Includes names like WINN, BOB, SAYLOR, STEPHEN, etc.

MEN 50 to 54
REC: Burwell Jones, 51
1985 SUN 4925 yds

Table listing swimmers and their times for the 50-54 age group. Includes names like COSTILL, DAVID, HOLLEY, CARL, etc.

Table listing swimmers and their times for the 55-59 age group. Includes names like FISK, ROBERT, WALTER, DONALD, etc.

MEN 55 to 59
REC: Winthrop Wilson, 56
1984 NEM 4545 yds

Table listing swimmers and their times for the 55-59 age group. Includes names like REYNOLDS, FRANK, RUCKLEY, PETER, etc.

MEN 60 to 64
REC: William Phillips, 60
1988 SDS 4550 yds

Table listing swimmers and their times for the 60-64 age group. Includes names like PHILLIPS, WILLIAM, WILSON, WIN, etc.

MEN 65 to 69
REC: Aldo Da Rosa, 66
1984 RIN 4160 yds

Table listing swimmers and their times for the 65-69 age group. Includes names like DAVIDSON, BIRCH, EDWARDS, JAMES, etc.

MEN 70 to 74
REC: Aldo Da Rosa, 70
1988 RIN 4065 yds

Table listing swimmers and their times for the 70-74 age group. Includes names like DA ROSA, ALDO, OKUMOTO, PETE, etc.

MEN 75 to 79
REC: Arthur Rule, 76
1982 RIN 3460 yds

Table listing swimmers and their times for the 75-79 age group. Includes names like ZIPPERLING, WERNER, IRVING, JOE, etc.

MEN 80 to 84
REC: Clarence Ross, 80
1980 JER 3435 yds

Table listing swimmers and their times for the 80-84 age group. Includes names like LANGNER, GUS, VANILL, ROLAND, etc.

1988 TEAM RESULTS

WOMEN 19+
REC: 14,230 yds, Tamalpais Aq. Masters 1988
(Suzanne Heim 29, Carolyn McGee 22, Suzie Dods 27)

Table listing team results for women 19+ age group. Includes teams like Tamalpais Aq. Masters, St. Pete Masters, etc.

WOMEN 25+
REC: 14,755 yds, Lakeside Masters 1988
(Amy Pope 27, Mary Curl 31, Pam Martin 30)

Table listing team results for women 25+ age group. Includes teams like Lakeside Masters, New England Masters, etc.

WOMEN 35+
REC: 13,660 yds, Empire State Masters 1987
(Fran Hare 36, Jane Katz 43, Suzanne Rague 36)

Table listing team results for women 35+ age group. Includes teams like Industry Hills, St. Pete Masters, etc.

WOMEN 45+
REC: 12,370 yds, Tamalpais Aq. Masters 1987
(Nancy Ridout 45, Charlotte Jenkins 48, Sperry Rademacher 47)

Table listing team results for women 45+ age group. Includes teams like Tamalpais Aquatic Masters, Industry Hills, etc.

WOMEN 55+
REC: 11,345 yds, New England Masters 1988
(Clara Walker 61, Diane Reed 56, Joan McIntyre 59)

Table listing team results for women 55+ age group. Includes teams like New England Masters, Santa Barbara Swim Club, etc.

WOMEN 65+
REC: 9,385 yds, New England Masters 1987
(Billie Burrill 65, Mardie Brown 68, Betty Spears 69)

Table listing team results for women 65+ age group. Includes teams like New England Masters, San Mateo Master Marlins, etc.

MEN 19+
REC: 16,510 yds, Santa Clara Swim Club
Masters 1988
(Robert Schmidt 23, Cameron Reid 27, Thomas McCleary 24)

Table listing team results for men 19+ age group. Includes teams like Santa Clara Swim Club Mstrs, Mission Bay "A", etc.

MEN 25+
REC: 16,680 yds, The Olympic Club 1987
(Bob Placak 27, Paul Asmuth 29, Charles Yord 34)

Table listing team results for men 25+ age group. Includes teams like Lynbrook Aq. Masters "A", Monterey Bay Masters, etc.

MEN 35+
REC: 15,565 yds, SportsPsych Swim Team 1988
(Kevin Polansky 38, Keith Bell 39, Pete Williams 42)

Table listing team results for men 35+ age group. Includes teams like SportsPsych Swim Team, Tamalpais Aq. Masters "A", etc.

12. Ktoblooke Masters (Yarnell, Huber, Wilson)	11,040	Ingrid A. Bridge 28 Emmy L. Klassen 29	40.00 43.42	Katherine Watson 40 WOMEN 45-49	6:52.83	400 YARD INDIVIDUAL MEDLEY Peter McClafferty 24 Michael K. Hsi 24	4:37.50 4:40.70	100 YARD BREASTSTROKE Bruce L. Howell 31 Bryan Weaver 34 Dan R. Angress 30 Elliott Marshall 32 Lance M. Bumbers 32 John P. Thomas 34	1:02.97 1:09.93 1:12.17 1:17.95 1:19.25 1:29.09
13. Rocky Mountain Masters (Vohortene, Engle, Stannard)	10,490	Donna J. Shumate 25 Eva M. Hochner 25	2:27.56 2:33.69	Ann M. Carlyle 47 200 YARD BACKSTROKE	1:29.25	MEN 25-29 James P. Ferstel 27 Gardner Howland 28	22.21 22.48	50 YARD BUTTERFLY Greg K. Holland 28 Robert B. Eberwine 27	25.63 26.33
14. Mission Bay "B" (Burgulis, Jones, Castimore)	9,215	P Dursthoff 28 Sue Saatkamp 26	2:38.88 2:50.65	Helen Geoffrion 49 100 YARD BREASTSTROKE	3:44.68	Mark J. Brown 28 Gary A. Bell 25	23.09 24.40	Paul LeSage 31 Steven H. Lewis 34	25.63 26.68
MEN 45+ REC: 13,780 yds, Chicago Masters 1987 (Bill Mulliken 47, William Wood 45, John LeBurgois 48)		Debbie C. Murphy 26 100 YARD BREASTSTROKE	3:07.77	Helen Geoffrion 49 50 YARD BUTTERFLY	1:40.48	Brett R. Friedman 25 Clay B. Shear 27	24.56 26.53	David L. Forster 30 Barron A. Cudda 33	27.75 28.56
1. Connecticut Masters (Kent Atkins 49, Bob Coykendall 51, Joe Zelson 46)	12,775	Eva M. Hochner 25 Sue Saatkamp 26	1:18.98 1:19.79	Ann M. Carlyle 47 200 YARD BUTTERFLY	49.16	Sheldon Streit 27 David E. Guggenheim 29	27.51 27.55	Ken Fritts 34 Lance M. Bumbers 32	30.74 30.94
2. Tamalpais Aq. Masters (Cooper, Wright, Crotts)	12,385	Suzanne R. Dodd 26 Claudia P. O'Brien 28	1:20.50 1:23.22	Helen Geoffrion 49 Ann M. Carlyle 47	3:42.64 3:44.16	Carl H. Gooch 29 Steve C. Ayers 26	27.77 27.86	John L. Forrest 30 Timothy Seagondollar 33	32.37 DISO
3. D.C. Masters "A" (Shay, Bettis, McGinley)	12,335	Lynn V. Kubasek 29 50 YARD BUTTERFLY	1:35.00	Helen Geoffrion 49 Ann M. Carlyle 47	1:32.88 1:44.04	Russell L. Mills 25 Paul T. Tsutsumi 29	28.03 28.37	200 YARD BUTTERFLY Steven H. Lewis 34	2:07.41
4. D.C. Masters "B" (Chesdale, Walter, Murphy)	11,090	Colleen M. Nagle 29 Nancy S. Meece 28	32.44 33.58	WOMEN 50-54 50 YARD FREESTYLE		Gardner Howland 28 Robert B. Eberwine 27	49.97 50.17	Dennis Skupinski 32 Barron A. Cudda 33	2:24.59 2:30.34
5. Lakeside Masters (Scheu, Weisenthal, Inom)	10,900	Michelle A. Luce 27 Lynn V. Kubasek 29	34.74 36.13	Barbara W. Friedrich 51 100 YARD FREESTYLE	38.03	Greg K. Holland 28 A. Goldschmidt 25	50.24 51.72	Paul D. Buviok 30 Malcolm Cooper 31	57.24 57.57
MEN 55+ REC: 13,030 yds, Southern California Aq. Masters 1988 (Steven Schofield 55, Peter Buckley 57, Frank Reynolds 55)		Emmy L. Klassen 29 200 YARD BUTTERFLY	DISQ	Sylvia J. Glenn 50 B W. Friedrich 51	1:16.72 1:26.54	Greg K. Holland 28 Gavin Hendricks 27	50.17 51.04	Brian (W) Murphy 35 Michael J. Blatt 32	59.78 59.78
1. Southern Cal Aq. Masters (Steven Schofield 55, Peter Buckley 57, Frank Reynolds 55)	13,030	Donna J. Shumate 25 Krislin Lewis 29	1:06.82 1:07.32	Barbara W. Friedrich 51 200 YARD BACKSTROKE	47.47	Robert B. Eberwine 27 John R. Pearce 28	28.27 29.58	John P. Thomas 34 100 YARD INDIVIDUAL MEDLEY	3:35.14
2. St. Pete Masters "A" (Beach, Kohonen, Ferris)	11,870	Eva M. Hochner 25 P Dursthoff 28	1:12.13 1:12.84	Sylvia J. Glenn 50 200 YARD BACKSTROKE	46.60	A. Goldschmidt 25 Gavin Hendricks 27	51.04 51.72	Paul D. Buviok 30 Malcolm Cooper 31	57.24 57.57
3. Connecticut Masters (Duffy, Wiro, Gannon)	11,340	Suzanne R. Dodd 26 Nancy S. Meece 28	1:13.20 1:15.50	Sylvia J. Glenn 50 100 YARD INDIVIDUAL MEDLEY	1:40.93	Robert S. Stone 32 John P. Thomas 34	27.85 28.37	John P. Thomas 34 100 YARD INDIVIDUAL MEDLEY	3:35.14
4. New England Masters (Wilson, Abrams, McCarthy)	10,395	Colleen M. Nagle 29 Pamela S. Fix 28	1:16.99 1:21.08	Sylvia J. Glenn 50 B W. Friedrich 51	1:30.77 1:45.60	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
5. St. Pete Masters "B" (Allen, Friedland, Leadbetter)	10,135	Ingrid A. Bridge 28 Lynn V. Kubasek 29	1:22.41 1:24.71	WOMEN 55-59 50 YARD FREESTYLE		James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
6. Tamalpais Aq. Masters (Boorstein, Cunningham, Kirkendall)	9,075	Emmy L. Klassen 29 400 YARD INDIVIDUAL MEDLEY	DISQ	Anne B. Adams 59 V R. Feierabend 56	33.27 2:12.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
7. Newport Beach (King, Johnson, Deputy)	8,130	P Dursthoff 28	5:28.13	50 YARD BACKSTROKE Anne B. Adams 59	42.33	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
MEN 65+ REC: 11,380 yds, San Mateo Master Marlins 1986 (Fred Taioli 65, Ray Taft 66, Edward Moran 67)		Morri Spang 31 Cindy Schilling 34	26.35 27.37	V R. Feierabend 56 200 YARD BACKSTROKE	1:04.97	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
1. New England Masters (James Edwards 65, Ray Walker 68, Bob Wright 67)	10,610	Kaia A. Hedlund 32 Marie E. Fay 31	28.68 28.74	200 YARD BREASTSTROKE Mickey Shockley 58	4:48.43	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
2. Rinconada (Da Rosa, Irvine, Blackledge)	10,370	Vaune Kadlubek 30 Shannon Sullivan 33	28.98 29.09	50 YARD BUTTERFLY Anne B. Adams 59	36.88	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
3. Long Beach Masters (Schwab, Morrison, Schultz)	9,320	Debra M. Davis 33 Robin Robertson 32	33.19 34.70	Mickey Shockley 58 100 YARD INDIVIDUAL MEDLEY	45.52	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
4. St. Pete Masters (Nickel, Tillotson, Thornburg)	8,990	Morri Spang 31 Cindy Schilling 34	58.28 59.36	Anne B. Adams 59 Mickey Shockley 58	1:25.47 1:40.00	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
MEN 75+ REC: 9,010 yds, Long Beach Masters 1987 (John Burnside 78, Alfred Guth 79, Leonard Chapin 78)		Marie E. Fay 31 Vaune Kadlubek 30	1:03.34 1:03.62	WOMEN 60-64 50 YARD FREESTYLE		James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
1. Long Beach Masters (John Burnside 78, Alfred Guth 79, Leonard Chapin 78)	8,185	Annette Buhl 31 50 YARD BACKSTROKE	1:20.45	Grace Altus 64 Virginia T. Clift 62	44.67 50.55	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
FEB 88 BELMONT SHORE LONG BEACH, CA 28 FEB. 1988 88-04 25 Yard Pool		Kaia A. Hedlund 32 Donna L. Petty 32	34.89 35.78	100 YARD FREESTYLE Grace Altus 64	1:26.06	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD FREESTYLE Judith M. Hupp 23 Laura A. McDonald 24 Helene P. Lavine 23 Maria T. Cafaro 24	26.68 28.81 33.29 34.42	Marie E. Fay 31 Vaune Kadlubek 30	37.59	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
Sabrina K. Manhart 24 Jamie L. Smith 23 Laura A. McDonald 24 Martha Elser 22 Helene P. Lavine 23	59.94 1:00.03 1:04.41 1:09.83 1:11.85	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
100 YARD FREESTYLE Sabrina K. Manhart 24 Jamie L. Smith 23 Laura A. McDonald 24 Martha Elser 22 Helene P. Lavine 23	59.94 1:00.03 1:04.41 1:09.83 1:11.85	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD BACKSTROKE Judith M. Hupp 23 Jamie L. Smith 23 Kathy Lineback 24 Erika J. Faulkner 24	30.48 33.20 34.70 36.77	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
200 YARD BACKSTROKE Judith M. Hupp 23 Jamie L. Smith 23 Kathy Lineback 24 Erika J. Faulkner 24	36.77 30.48 33.20 34.70	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD BUTTERFLY Kathy Lineback 24 200 YARD BUTTERFLY Sabrina K. Manhart 24 Martha Elser 22 100 YARD INDIVIDUAL MEDLEY Judith M. Hupp 23 Jamie L. Smith 23 Kathy Lineback 24 Erika J. Faulkner 24	33.44 2:42.45 3:17.36 1:08.31 1:11.33 1:13.58 1:19.88	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
400 YARD INDIVIDUAL MEDLEY Judith M. Hupp 23 Jamie L. Smith 23	5:16.89 5:24.30	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
WOMEN 19-24 50 YARD FREESTYLE Krislin Lewis 29 Peggy-Lynn Dursthoff 28 Claudia P. O'Brien 28 Nancy S. Meece 28 Ingrid A. Bridge 28 Teresa M. White 28 Debbie C. Murphy 26 Emmy L. Klassen 29	27.07 28.53 29.35 29.95 30.91 33.76 34.36 34.47	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
100 YARD FREESTYLE Donna J. Shumate 25 P Dursthoff 28 Suzanne R. Dodd 26 Eva M. Hochner 25	56.63 1:00.75 1:02.53 1:03.73	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD FREESTYLE Krislin Lewis 29 Peggy-Lynn Dursthoff 28 Claudia P. O'Brien 28 Nancy S. Meece 28 Ingrid A. Bridge 28 Teresa M. White 28 Debbie C. Murphy 26 Emmy L. Klassen 29	27.07 28.53 29.35 29.95 30.91 33.76 34.36 34.47	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
100 YARD FREESTYLE Donna J. Shumate 25 P Dursthoff 28 Suzanne R. Dodd 26 Eva M. Hochner 25	56.63 1:00.75 1:02.53 1:03.73	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD FREESTYLE Krislin Lewis 29 Peggy-Lynn Dursthoff 28 Claudia P. O'Brien 28 Nancy S. Meece 28 Ingrid A. Bridge 28 Teresa M. White 28 Debbie C. Murphy 26 Emmy L. Klassen 29	27.07 28.53 29.35 29.95 30.91 33.76 34.36 34.47	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
100 YARD FREESTYLE Donna J. Shumate 25 P Dursthoff 28 Suzanne R. Dodd 26 Eva M. Hochner 25	56.63 1:00.75 1:02.53 1:03.73	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD FREESTYLE Krislin Lewis 29 Peggy-Lynn Dursthoff 28 Claudia P. O'Brien 28 Nancy S. Meece 28 Ingrid A. Bridge 28 Teresa M. White 28 Debbie C. Murphy 26 Emmy L. Klassen 29	27.07 28.53 29.35 29.95 30.91 33.76 34.36 34.47	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
100 YARD FREESTYLE Donna J. Shumate 25 P Dursthoff 28 Suzanne R. Dodd 26 Eva M. Hochner 25	56.63 1:00.75 1:02.53 1:03.73	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD FREESTYLE Krislin Lewis 29 Peggy-Lynn Dursthoff 28 Claudia P. O'Brien 28 Nancy S. Meece 28 Ingrid A. Bridge 28 Teresa M. White 28 Debbie C. Murphy 26 Emmy L. Klassen 29	27.07 28.53 29.35 29.95 30.91 33.76 34.36 34.47	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
100 YARD FREESTYLE Donna J. Shumate 25 P Dursthoff 28 Suzanne R. Dodd 26 Eva M. Hochner 25	56.63 1:00.75 1:02.53 1:03.73	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD FREESTYLE Krislin Lewis 29 Peggy-Lynn Dursthoff 28 Claudia P. O'Brien 28 Nancy S. Meece 28 Ingrid A. Bridge 28 Teresa M. White 28 Debbie C. Murphy 26 Emmy L. Klassen 29	27.07 28.53 29.35 29.95 30.91 33.76 34.36 34.47	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
100 YARD FREESTYLE Donna J. Shumate 25 P Dursthoff 28 Suzanne R. Dodd 26 Eva M. Hochner 25	56.63 1:00.75 1:02.53 1:03.73	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD FREESTYLE Krislin Lewis 29 Peggy-Lynn Dursthoff 28 Claudia P. O'Brien 28 Nancy S. Meece 28 Ingrid A. Bridge 28 Teresa M. White 28 Debbie C. Murphy 26 Emmy L. Klassen 29	27.07 28.53 29.35 29.95 30.91 33.76 34.36 34.47	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
100 YARD FREESTYLE Donna J. Shumate 25 P Dursthoff 28 Suzanne R. Dodd 26 Eva M. Hochner 25	56.63 1:00.75 1:02.53 1:03.73	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD FREESTYLE Krislin Lewis 29 Peggy-Lynn Dursthoff 28 Claudia P. O'Brien 28 Nancy S. Meece 28 Ingrid A. Bridge 28 Teresa M. White 28 Debbie C. Murphy 26 Emmy L. Klassen 29	27.07 28.53 29.35 29.95 30.91 33.76 34.36 34.47	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
100 YARD FREESTYLE Donna J. Shumate 25 P Dursthoff 28 Suzanne R. Dodd 26 Eva M. Hochner 25	56.63 1:00.75 1:02.53 1:03.73	Donna L. Petty 32 100 YARD BREASTSTROKE Donna L. Petty 32	2:37.45 2:46.24	200 YARD BACKSTROKE Kathy M. Dixon 60	54.05	James W. Horste 28 Russell L. Mills 25	1:03.63 1:03.78	John L. Forrest 30 400 YARD INDIVIDUAL MEDLEY	5:25.55
50 YARD FREESTYLE Krislin Lewis 29 Peggy									

Stephen E. Washburn 41	38.75	Orvel Larsen 55	1:14.32	MARCH 88 CALTECH PENTATHLON	Ann T. Finley 25	1:09.78	Sandy Young 40	1:27.80
William G. Lannan 41	51.12	Steven Schofield 55	1:18.55	PASADENA, CA	Eva M. Hochner 26	1:11.12	Katherine Watson 40	1:33.24
200 YARD BACKSTROKE		Roy W. Sorge 55	1:18.52	88-05	Carol Dansereau 25	1:11.28	Lois Goodman 41	1:39.14
Tom McClay 42	2:41.91	Parry O'Brien 55	1:22.29	WOMEN 19-24	Suzanne R. Dodd 26	1:11.45	WOMEN 45-49	
Stephen E. Washburn 41	3:19.86	Phillip J. Smith 56	1:24.37	50 YARD FREESTYLE	Sheryl M. Luera 26	1:11.47	50 YARD FREESTYLE	
100 YARD BREASTSTROKE		Edward B. Morgan 55	1:33.80	Judith M. Hupp 23	Patricia B. Thomas 29	1:11.60	Helen Geoffrion 49	37.36
Peter F. Wisner 40	1:04.02	400 YARD INDIVIDUAL MEDLEY		Sabrina K. Manhart 24	Alice R. Browne 25	1:11.90	Barbara Stephenson 45	1:19.35
Dave Frank 43	1:10.79	Bob Best 55	5:44.16	Laurie K. Whipple 20	Karen S. Schuhl 25	1:12.15	50 YARD BACKSTROKE	
Jerry Richards 41	1:15.58	Don Wilson 58	7:35.79	Jamie L. Smith 23	Colleen M. Nagle 29	1:17.15	Helen Geoffrion 49	52.10
Bill Brown 41	1:16.37	MEN 60-64		Jennifer Constable 24	Christine T. Itano 25	1:18.39	Barbara Stephenson 45	1:35.74
Robert Olson 43*	1:16.39	50 YARD FREESTYLE		Carolyn A. Bogaty 22	Dawn Myers 25	1:18.40	50 YARD BACKSTROKE	
Rick L. Goeden 40	1:16.77	Frank Plemme 62	26.49	Therese M. Nugent 24	Pamela S. Fix 28	1:19.84	Helen Geoffrion 49	42.00
Martin S. Roch 41	1:18.41	George Brinton 63	33.28	Luz Amalia C. Segura 21	Elin K. Anderson 25	1:19.89	Barbara Stephenson 45	1:38.62
Stephen E. Washburn 41	1:30.06	Thomas C. Lindholm 62	33.61	Erika J. Faulkner 24	Teresa M. White 28	1:31.81	50 YARD BUTTERFLY	
Mike D. Rohrbach 41	DISQ	W. Jason Walker 63	35.63	Kelly N. McGuire 24	WOMEN 30-34		Helen Geoffrion 49	42.44
50 YARD BUTTERFLY		Giv Cornfield 61	41.74	50 YARD BACKSTROKE	MORRI SPANG 31	26.25	Barbara Stephenson 45	1:39.51
Gary Langendoen 42	25.72	100 YARD FREESTYLE		Judith M. Hupp 23	Morri Spang 31	27.33	100 YARD INDIVIDUAL MEDLEY	
Peter F. Wisner 40	26.93	Frank Plemme 62	59.89	Laurie K. Whipple 20	Cindy Schilling 34	28.39	Helen Geoffrion 49	1:33.76
Rick L. Goeden 40	27.18	Thomas C. Lindholm 62	1:16.54	Jamie L. Smith 23	C. Shigaki-Iwamoto 32	28.58	Barbara Stephenson 45	3:17.66
Mike D. Rohrbach 41	27.65	Giv Cornfield 61	1:33.06	Carolyn A. Bogaty 22	Marie E. Fay 31	28.58	WOMEN 50-54	
Dave Frank 43	27.66	50 YARD BACKSTROKE		Sabrina K. Manhart 24	Shannon Sullivan 33	29.44	50 YARD FREESTYLE	
Jerry Richards 41	28.65	Leland (Lee) C Arth 62	40.39	Therese M. Nugent 24	Susan V. Lee 33	29.95	Sylvia J. Glenn 50	35.08
Paul Shane 41	28.81	200 YARD BACKSTROKE		Luz Amalia C. Segura 21	Valerie M. Golden 30	30.39	Barbara W. Friedrich 51	38.31
Joseph J. Goldstein 41	29.40	Lou Silverstein 61*	2:59.99	Erika J. Faulkner 24	Helen R. Ricketts 33	33.63	Barbara G. Muff 51	39.80
Dennis M. McNulty 41	29.77	Leland (Lee) C Arth 62	3:09.99	Jennifer Constable 24	Melinda A. Kalin 31	34.40	50 YARD BACKSTROKE	
Bill Brown 41	30.76	George Brinton 63	3:44.27	Kelly N. McGuire 24	Annette Buhl 31	35.35	Barbara W. Friedrich 51	46.25
Tom McClay 42	31.02	W. Jason Walker 63	3:45.32	50 YARD BREASTSTROKE	50 YARD BACKSTROKE		Sylvia J. Glenn 50	48.08
Donald B. West 41	32.55	Giv Cornfield 61	3:46.78	Judith M. Hupp 23	C. Shigaki-Iwamoto 32	31.39	Barbara G. Muff 51	57.84
Martin S. Roch 41	33.20	100 YARD BREASTSTROKE		Laurie K. Whipple 20	Morri Spang 31	32.20	50 YARD BREASTSTROKE	
William G. Lannan 41	49.11	Frank Plemme 62	1:22.97	Sabrina K. Manhart 24	Cindy Schilling 34	33.53	Sylvia J. Glenn 50	45.83
200 YARD BUTTERFLY		Leland (Lee) C Arth 62	1:22.06	Jennifer Constable 24	Susan V. Lee 33	34.32	Barbara G. Muff 51	53.64
Gary Langendoen 42	2:09.80	W. Jason Walker 63	1:41.27	Jamie L. Smith 23	Marie E. Fay 31	35.47	Barbara W. Friedrich 51	59.77
Paul Shane 41	2:41.60	Giv Cornfield 61	1:44.82	Luz Amalia C. Segura 21	Shannon Sullivan 33	39.31	Sylvia J. Glenn 50	41.44
Allan B. Cutrow 41	2:42.46	George Brinton 63	1:54.63	Carolyn A. Bogaty 22	Valerie M. Golden 30	40.77	Barbara W. Friedrich 51	54.42
Stephen E. Washburn 41	3:48.84	50 YARD BUTTERFLY		Therese M. Nugent 24	Helen R. Ricketts 33	45.47	Barbara G. Muff 51	1:03.09
100 YARD INDIVIDUAL MEDLEY		Frank Plemme 62	30.42	Erika J. Faulkner 24	Melinda A. Kalin 31	53.44	100 YARD INDIVIDUAL MEDLEY	
Peter F. Wisner 40	1:00.12	George Brinton 63	41.74	Kelly N. McGuire 24	50 YARD BREASTSTROKE		Sylvia J. Glenn 50	1:31.22
Gary Langendoen 42	1:01.68	200 YARD BUTTERFLY		Judith M. Hupp 23	MORRI SPANG 31	36.17	B. W. Friedrich 51	1:47.80
Dave Frank 43	1:02.37	Leland (Lee) C Arth 62	3:18.00	Sabrina K. Manhart 24	Cindy Schilling 34	37.13	Barbara G. Muff 51	1:48.69
Rick L. Goeden 40	1:07.91	Lou Silverstein 61*	3:39.01	Laurie K. Whipple 20	Shannon Sullivan 33	38.48	WOMEN 55-59	
Tom McClay 42	1:10.62	W. Jason Walker 63	4:05.38	Jamie L. Smith 23	Valerie M. Golden 30	40.62	50 YARD FREESTYLE	
Joseph J. Goldstein 41	1:10.88	100 YARD INDIVIDUAL MEDLEY		Jennifer Constable 24	Susan V. Lee 33	41.61	Anne B. Adams 59	33.15
Dennis M. McNulty 41	1:12.19	Frank Plemme 62	1:11.67	Carolyn A. Bogaty 22	Marie E. Fay 31	41.70	Elfriede A. Rogers 59*	35.97
Martin S. Roch 41	1:14.39	Lou Silverstein 61*	1:23.87	Therese M. Nugent 24	Annette Buhl 31	42.44	Janet Wolver 59	36.44
Stephen E. Washburn 41	1:17.15	George Brinton 63	1:31.66	Erika J. Faulkner 24	Melinda A. Kalin 31	46.04	Gay Collins 57	37.86
William G. Lannan 41	1:40.65	W. Jason Walker 63	1:34.44	Kelly N. McGuire 24	50 YARD BUTTERFLY		Mickey Shockley 58	39.41
400 YARD INDIVIDUAL MEDLEY		Giv Cornfield 61	1:44.64	50 YARD BUTTERFLY	Cindy Schilling 34	29.66	50 YARD BACKSTROKE	
Jerry Richards 41	5:40.49	400 YARD INDIVIDUAL MEDLEY		MORRI SPANG 31	MORRI SPANG 31	29.79	Anne B. Adams 59	41.37
Allan B. Cutrow 41	5:52.58	Leland (Lee) C Arth 62	6:18.45	C. Shigaki-Iwamoto 32	Susan V. Lee 33	30.62	Elfriede A. Rogers 59*	46.78
MEN 45-49		Lou Silverstein 61*	6:37.33	Susan V. Lee 33	Marie E. Fay 31	33.53	Gay Collins 57	47.52
50 YARD FREESTYLE		JURGEN B. SCHMIDT 65	28.51	Marie E. Fay 31	Shannon Sullivan 33	34.26	Mickey Shockley 58	48.36
Tege (Tex) Haraszti 46	24.95	100 YARD FREESTYLE		Shannon Sullivan 33	Valerie M. Golden 30	35.57	50 YARD BREASTSTROKE	
Ronald C. Durkee 48	28.99	JURGEN B. SCHMIDT 65	1:07.52	Valerie M. Golden 30	Melinda A. Kalin 31	40.30	Anne B. Adams 59	44.23
John J. Zupon 46	37.55	Bob Merrick 67	1:08.83	Helen R. Ricketts 33	100 YARD INDIVIDUAL MEDLEY		Elfriede A. Rogers 59*	45.36
100 YARD FREESTYLE		JURGEN B. SCHMIDT 65	38.04	100 YARD INDIVIDUAL MEDLEY	MORRI SPANG 31	1:06.56	Janet Wolver 59	46.73
Tege (Tex) Haraszti 46	53.59	Bob Merrick 67	41.47	Bob Merrick 67	C. Shigaki-Iwamoto 32	1:08.12	Mickey Shockley 58	47.50
Ronald C. Durkee 48	1:05.76	JURGEN B. SCHMIDT 65	3:24.04	Bob Merrick 67	Cindy Schilling 34	1:08.96	Gay Collins 57	50.62
50 YARD BACKSTROKE		Bob Merrick 67	1:25.32	Jack P. Burgan 65	Marie E. Fay 31	1:14.81	Anne B. Adams 59	36.09
Tege (Tex) Haraszti 46	31.50	Ralph P. Huestis 66	1:37.49	50 YARD FREESTYLE	Susan V. Lee 33	1:16.64	Elfriede A. Rogers 59*	42.10
Brook Fraser 45	37.22	50 YARD BUTTERFLY	1:44.36	Ann T. Finley 25	Shannon Sullivan 33	1:16.77	Janet Wolver 59	43.88
100 YARD BACKSTROKE		JURGEN B. SCHMIDT 65	32.10	Andrea J. DeVuono 25	Valerie M. Golden 30	1:18.95	Gay Collins 57	45.73
T (Tex) Haraszti 46	1:09.50	Bob Merrick 67	41.74	Carol Dansereau 25	Annette Buhl 31	1:29.36	Mickey Shockley 58	46.11
Brook Fraser 45	1:19.87	Jack P. Burgan 65	1:07.52	Cynthia L. Griffith 27	MORRI SPANG 31	1:06.56	100 YARD INDIVIDUAL MEDLEY	
John J. Zupon 46	1:40.76	Ralph P. Huestis 66	1:44.36	Dawn Myers 25	C. Shigaki-Iwamoto 32	1:08.12	Anne B. Adams 59	1:24.04
50 YARD BUTTERFLY		50 YARD BUTTERFLY		Patricia B. Thomas 29	Cindy Schilling 34	1:08.96	Elfriede A. Rogers 59*	1:31.44
Ronald C. Durkee 48	30.02	JURGEN B. SCHMIDT 65	32.10	Karen S. Schuhl 25	Marie E. Fay 31	1:14.81	Janet Wolver 59	1:35.75
Brook Fraser 45	30.64	Jack P. Burgan 65	35.96	Alice R. Browne 25	Susan V. Lee 33	1:16.64	Mickey Shockley 58	1:39.57
Jeff Bryant 46	34.32	100 YARD INDIVIDUAL MEDLEY		Sheryl M. Luera 26	Patricia F. McKinnon 39	1:19.36	Gay Collins 57	1:44.47
100 YARD INDIVIDUAL MEDLEY		Bob Merrick 67	1:18.30	Suzanne R. Dodd 26	50 YARD BACKSTROKE		WOMEN 60-64	
T (Tex) Haraszti 46	1:02.04	JURGEN B. SCHMIDT 65	1:21.86	Christine T. Itano 25	Charlotte Gutierrez 35	34.20	50 YARD FREESTYLE	
Brook Fraser 45	1:12.84	Jack P. Burgan 65	1:36.18	Pamela S. Fix 28	Janis M. Wikander 36	36.15	Grace Altus 64	39.50
Ronald C. Durkee 48	1:22.26	50 YARD BUTTERFLY		Elin K. Anderson 25	Charlotte Gutierrez 35	36.15	Kathy M. Dixon 60	42.22
John J. Zupon 46	1:51.51	WOMEN 70-74		Teresa M. White 28	Janis M. Wikander 36	39.15	Virginia T. Clift 62	48.11
400 YARD INDIVIDUAL MEDLEY		Woody Bowersock 74	30.26	Andrea J. DeVuono 25	Ellen M. Lohneiss 35	41.79	Kathy M. Dixon 60	51.98
Arthur Hale 45	7:53.83	Robert D. Smith 72	34.49	Kristin Lewis 29	Patricia F. McKinnon 39	57.03	Grace Altus 64	55.39
MEN 50-54		Ed Allen Jr. 72	34.59	Carol Dansereau 25	50 YARD BACKSTROKE		Virginia T. Clift 62	55.77
50 YARD FREESTYLE		Norman Fitzgerald 71	35.92	Cynthia L. Griffith 27	Charlotte Gutierrez 35	34.20	50 YARD FREESTYLE	
Jeff Farrell 51	24.23	50 YARD BUTTERFLY		Dawn Myers 25	Janis M. Wikander 36	36.15	Kathy M. Dixon 60	51.89
Robert R. Broggie 54	39.26	Woody Bowersock 74	1:09.23	Patricia B. Thomas 29	Ellen M. Lohneiss 35	41.79	Grace Altus 64	55.39
100 YARD FREESTYLE		Robert D. Smith 72	1:18.65	Karen S. Schuhl 25	Patricia F. McKinnon 39	57.03	Virginia T. Clift 62	55.77
Jeff Farrell 51	54.53	Ernest B. Van Horn 71	1:19.91	Alice R. Browne 25	Charlotte Gutierrez 35	35.33	Kathy M. Dixon 60	51.89
Peter R. Taft 51	56.85	Norman Fitzgerald 71	1:21.86	Alice R. Browne 25	Charlotte Gutierrez 35	35.33	Grace Altus 64	54.50
Silas H. Burnham 53	1:24.07	50 YARD BACKSTROKE		Karen S. Schuhl 25	Judy A. Bloor 35	36.88	Virginia T. Clift 62	1:15.86
50 YARD BACKSTROKE		Ernest B. Van Horn 71	1:19.91	Suzanne R. Dodd 26	Ellen M. Lohneiss 35	40.40	50 YARD BUTTERFLY	
Jeff Farrell 51	33.15	50 YARD BUTTERFLY		Colleen M. Nagle 29	P. P. McKinnon 39	1:02.93	Kathy M. Dixon 60	47.69
Charles Niederman 52	42.15	Brion Winslow 70	40.05	Elin K. Anderson 25	Charlotte Gutierrez 35	1:10.39	Grace Altus 64	49.36
Robert R. Broggie 54	48.76	Ernest B. Van Horn 71	44.86	Pamela S. Fix 28	Judy A. Bloor 35	34.88	100 YARD INDIVIDUAL MEDLEY	
100 YARD BREASTSTROKE		Robert D. Smith 72	46.93	Teresa M. White 28	Janis M. Wikander 36	36.33	Kathy M. Dixon 60	1:44.09
Charles Niederman 52	1:31.21	200 YARD BACKSTROKE		Andrea J. DeVuono 25	Ellen M. Lohneiss 35	40.40	Grace Altus 64	1:45.51
James A. Jeffers 54	1:32.05	Brion Winslow 70	3:14.92	Kristin Lewis 29	WOMEN 65-69		WOMEN 65-69	
Silas H. Burnham 53	1:43.02	Ernest B. Van Horn 71	3:36.68	Eva M. Hochner 26	Maurine E. Kornfeld 66	43.39	Maurine E. Kornfeld 66	43.39
50 YARD BUTTERFLY		Woody Bowersock 74	3:37.07	Suzanne R. Dodd 26	Marie A. Wilcox 65	51.26	Sharon G. Smith 69	1:17.20
Jeff Farrell 51	27.51	100 YARD FREESTYLE		Christine T. Itano 25	Sharon G. Smith 69	1:32.83	50 YARD BACKSTROKE	
Peter R. Taft 51	28.69	Woody Bowersock 74	1:34.26	Teresa M. White 28	Maurine E. Kornfeld 66	56.26	Marie A. Wilcox 65	56.26
James A. Jeffers 54	46.80	Robert D. Smith 72	1:42.14	Andrea J. DeVuono 25	Sharon G. Smith 69	1:32.83	50 YARD BREASTSTROKE	
Silas H. Burnham 53	50.63	Norman Fitzgerald 71	1:49.52	Ann T. Finley 25	Maurine E. Kornfeld 66	56.26	Sharon G. Smith 69	1:32.83
100 YARD INDIVIDUAL MEDLEY		50 YARD BUTTERFLY		Alice R. Browne 25	Maurine E. Kornfeld 66	56.26	50 YARD FREESTYLE	
Jeff Farrell 51	1:04.09	Robert D. Smith 72	49.77	Carol Dansereau 25	Sharon G. Smith 69	1:32.83	Maurine E. Kornfeld 66	1:06.28
James A. Jeffers 54	1:29.52	Norman Fitzgerald 71	51.46	Cynthia L. Griffith 27	Sharon G. Smith 69	1:32.83	100 YARD INDIVIDUAL MEDLEY	
Silas H. Burnham 53	1:40.79	100 YARD INDIVIDUAL MEDLEY		Sheryl M. Luera 26	Maurine E. Kornfeld 66	2:07.52	Maurine E. Kornfeld 66	2:07.52
MEN 55-59		Woody Bowersock 74	1:34.26	Patricia B. Thomas 29	WOMEN 70-74		WOMEN 70-74	
50 YARD FREESTYLE		Robert D. Smith 72	1:42.14	Ann T. Finley 25	Charlotte Gutierrez 35	1:10.39	Ruth Ridenour 73	1:03.22
Robert Congelliere 59	27.23	Norman Fitzgerald 71	1:49.52	Alice R. Browne 25	Janis M. Wikander 36	1:20.19	50 YARD BACKSTROKE	
Roy W. Sorge 56	27.34	50 YARD BUTTERFLY		Carol Dansereau 25	Ellen M. Lohneiss 35	1:26.08	Ruth Ridenour 73	1:24.11
Orvel Larsen 55	29.72	Reg Richardson 76	32.86	Karen S. Schuhl 25	Judy A. Bloor 35	1:27.40	50 YARD BREASTST	

David J. Bird 24	32.72	Larry Gates 31	28.04	George L. Ritchey 37	1:25.92	Jerry V. Dunlap 52	1:10.19	F. Edward Little 75	55.08
Al N. Moser 23	33.19	Tom Reudy 33	28.20	MEN 40-44		Peter R. Taft 52	1:10.62	50 YARD BACKSTROKE	
Steve A. Romero 24	36.09	Bruce L. Howell 31	29.75	Bruce L. Howell 31	29.75	Sam Sanders 52	1:21.21	Reg Richardson 76	40.81
Greg D. Erfani 23	38.62	Joseph S. Dansereau 30	30.36	Peter F. Wisner 40	23.88	Silas H. Burnham 53	1:36.45	Bill Shott 78	47.48
50 YARD BREASTSTROKE		Michael J. Blatt 32	30.63	Gary Langendoen 42	24.30	MEN 55-59		John M. Burnside 78	48.12
Peter McClafferty 24	27.92	Robert S. Smith 32	30.97	Paul B. Henne 41	24.55	50 YARD FREESTYLE		F. Edward Little 75	1:14.14
Al N. Moser 23	30.04	David L. Forster 30	31.73	Dave Frank 44	24.56	Bob Best 55	27.16	50 YARD BREASTSTROKE	
Tom LaTourette 24	31.80	Dennis Skupinski 32	32.16	Mike D. Rohrback 41	25.46	Frank E. Reynolds 56	27.17	Bill Shott 78	40.74
David J. Bird 24	33.25	Lance M. Bumbersa 32	32.45	Jerry Richards 41	26.20	Robert Congelliere 59	27.19	Reg Richardson 76	42.39
Jerry S. Shandrew 21	33.34	Bruce Pettibone 33	34.43	Robert T. Hopper 43	26.25	Don W. Conklin 59	27.89	John M. Burnside 78	49.15
Steve A. Romero 24	37.29	Michael Suttle 34	34.44	Neal T. Wiener 43	28.01	Steven Schofield 56	28.34	F. Edward Little 75	1:23.92
Greg D. Erfani 23	38.64	Edward Rademacher 31	35.38	Tom McClay 42	28.11	Parry O'Brien 56	29.39	50 YARD BUTTERFLY	
Don P. Goldstein 24	43.73	David Palmer 33	38.33	Dennis M. McNulty 41	28.20	Don Wilson 58	33.99	Bill Shott 78	39.09
50 YARD BUTTERFLY		Kirk E. Mitchell 33	40.28	Richard DeFabees 40	34.51	Edward B. Morgan 55	35.01	John M. Burnside 78	41.35
Peter McClafferty 24	24.23	50 YARD BREASTSTROKE		Robert T. Hopper 43	28.93	50 YARD BACKSTROKE		Reg Richardson 76	47.94
Tom LaTourette 24	24.89	Bruce L. Howell 31	28.48	Paul B. Henne 41	29.25	Bob Best 55	34.86	100 YARD INDIVIDUAL MEDLEY	
Jerry S. Shandrew 21	26.95	Tom Reudy 33	29.56	Gary Langendoen 42	29.84	Frank E. Reynolds 56	35.30	Bill Shott 78	1:29.40
Al N. Moser 23	27.29	Clay Evans 34	30.45	Dave Frank 44	30.11	Don W. Conklin 59	35.82	Reg Richardson 76	1:32.91
Steve A. Romero 24	29.48	Michael J. Blatt 32	30.55	Dave Frank 44	30.17	Parry O'Brien 56	40.01	John M. Burnside 78	1:36.00
David J. Bird 24	29.59	Malcolm Cooper 31	31.31	Peter F. Wisner 40	32.13	Steven Schofield 56	42.51	MEN 80-84	
Greg D. Erfani 23	33.77	Larry Gates 31	31.53	Tom McClay 42	32.13	Edward B. Morgan 55	44.33	50 YARD FREESTYLE	
100 YARD INDIVIDUAL MEDLEY		Robert S. Smith 32	32.06	Mike D. Rohrback 41	32.42	Don Wilson 58	48.23	Charles McCallister 84	55.89
Peter McClafferty 24	54.66	Michael Suttle 34	34.17	Jerry Richards 41	34.41	50 YARD BREASTSTROKE		Charles McCallister 84	1:25.24
Tom LaTourette 24	58.92	Lance M. Bumbersa 32	34.33	Paul B. Henne 41	36.06	Bob Best 55	32.80	50 YARD BACKSTROKE	
Jerry S. Shandrew 21	1:00.26	Edward Rademacher 31	34.44	Bill Brown 41	36.15	Frank E. Reynolds 56	37.86	50 YARD BREASTSTROKE	
Al N. Moser 23	1:04.19	Joseph S. Dansereau 30	35.58	Dennis M. McNulty 41	36.59	Don W. Conklin 59	39.06	Charles McCallister 84	1:44.15
David J. Bird 24	1:07.45	David L. Forster 30	36.52	Neal T. Wiener 43	41.45	Steven Schofield 56	39.70	50 YARD BUTTERFLY	
Steve A. Romero 24	1:11.14	Bruce Pettibone 33	37.18	Richard DeFabees 40	53.05	Parry O'Brien 56	39.86	Charles McCallister 84	2:04.15
Greg D. Erfani 23	1:18.92	Dennis Skupinski 32	37.29	50 YARD BREASTSTROKE		Edward B. Morgan 55	44.00	100 YARD INDIVIDUAL MEDLEY	
Don P. Goldstein 24	1:32.61	Kirk E. Mitchell 33	38.84	Paul B. Henne 41	28.75	Don Wilson 58	48.31	Charles McCallister 84	3:28.34
MEN 25-29		David Palmer 33	40.84	Peter F. Wisner 40	29.87	50 YARD BUTTERFLY		* Denotes non SPMA swimmer	
50 YARD FREESTYLE		50 YARD BUTTERFLY		Dave Frank 44	31.50	Frank E. Reynolds 56	28.78	Programmed by Curt Mosso	
Matthew M. Wood 26	21.22	Clay Evans 34	23.48	Gary Langendoen 42	32.50	Bob Best 55	30.09		
Stanley Kuschy 26	23.33	Malcolm Cooper 31	25.45	Paul Shane 41	33.03	Steven Schofield 56	31.89		
Brian E. Kelca 27	23.36	Tom Reudy 33	25.45	Bill Brown 41	34.04	Don W. Conklin 59	34.95		
Brian E. Kelca 27	23.78	Robert S. Smith 32	25.47	Robert T. Hopper 43	34.41	Parry O'Brien 56	35.29		
Gavin Hendricks 27	23.92	Bruce L. Howell 31	25.55	Mike D. Rohrback 41	34.51	Don Wilson 58	41.18		
A. Goldschmidt 25	24.20	Larry Gates 31	26.59	Jerry Richards 41	34.91	Edward B. Morgan 55	44.99		
Mike Griffith 27	24.23	Michael J. Blatt 32	26.97	Tom McClay 42	35.50	100 YARD INDIVIDUAL MEDLEY			
Ed Reynolds 28*	24.27	David L. Forster 30	27.38	Dennis M. McNulty 41	36.78	Bob Best 55	1:07.80		
Christopher Cosner 26	24.98	Joseph S. Dansereau 30	27.44	Richard DeFabees 40	37.18	Frank E. Reynolds 56	1:10.34		
Edward M. Nakaki 28	25.16	Dennis Skupinski 32	27.51	Neal T. Wiener 43	42.97	Steven Schofield 56	1:17.65		
Randy S. Miller 29	25.58	Lance M. Bumbersa 32	27.80	50 YARD BUTTERFLY		Don W. Conklin 59	1:17.81		
Wayne P. Rogers 28	26.45	Michael Suttle 34	28.04	Gary Langendoen 42	25.71	Parry O'Brien 56	1:19.28		
Richard Walkerbarth 28	26.75	Edward Rademacher 31	29.09	Mike D. Rohrback 41	27.04	Edward B. Morgan 55	1:31.71		
Andrew H. Stock 28	26.80	Bruce Pettibone 33	29.90	Peter F. Wisner 40	27.06	Don Wilson 58	1:35.06		
Sheldon Streit 27	27.62	David Palmer 33	36.51	Paul B. Henne 41	27.50	MEN 60-64			
Carl H. Gooch 29	28.48	Kirk E. Mitchell 33	37.37	Dave Frank 44	27.63	50 YARD FREESTYLE			
Paul T. Tsutsumi 29	29.00	100 YARD INDIVIDUAL MEDLEY		Robert T. Hopper 43	27.65	C. Frederick Schmidt 61	31.53		
50 YARD BACKSTROKE		Clay Evans 34	26.56	Jerry Richards 41	27.92	Leland (Lee) C Arth 62	31.99		
A. Goldschmidt 25	27.39	Malcolm Cooper 31	27.26	Paul Shane 41	28.80	George Brinton 63	32.53		
Stanley Kuschy 26	27.64	Bruce L. Howell 31	28.26	Dennis M. McNulty 41	29.23	Peter Lee 64	34.70		
Ed Reynolds 28*	27.81	Tom Reudy 33	28.28	Bill Brown 41	29.88	W. Jason Walker 63	36.71		
Brian E. Kelca 27	27.82	Michael J. Blatt 32	29.23	Tom McClay 42	30.37	50 YARD BACKSTROKE			
Kevin M. McManus 29	28.48	Robert S. Smith 32	1:00.62	Neal T. Wiener 43	32.23	Leland (Lee) C Arth 62	39.42		
Gavin Hendricks 27	29.00	Larry Gates 31	1:01.88	Richard DeFabees 40	43.39	Marvin Levine 63	41.01		
Gary A. Rumble 28	29.06	Joseph S. Dansereau 30	1:05.70	100 YARD INDIVIDUAL MEDLEY		Peter Lee 64	42.69		
Andrew H. Stock 28	31.72	David L. Forster 30	1:06.15	Peter F. Wisner 40	58.97	C. Frederick Schmidt 61	42.90		
Edward M. Nakaki 28	32.15	Dennis Skupinski 32	1:06.81	Gary Langendoen 42	1:01.42	George Brinton 63	43.09		
Wayne P. Rogers 28	32.81	Lance M. Bumbersa 32	1:07.33	Paul B. Henne 41	1:01.75	W. Jason Walker 63	49.55		
Mike Griffith 27	33.76	Edward Rademacher 31	1:09.68	Dave Frank 44	1:02.94	50 YARD BREASTSTROKE			
Randy S. Miller 29	33.94	Bruce Pettibone 33	1:11.60	Robert T. Hopper 43	1:05.44	Leland (Lee) C Arth 62	37.39		
Richard Walkerbarth 28	35.39	David Palmer 33	1:18.45	Mike D. Rohrback 41	1:06.26	Peter Lee 64	41.24		
Sheldon Streit 27	37.76	Kirk E. Mitchell 33	1:23.37	Jerry Richards 41	1:08.89	C. Frederick Schmidt 61	43.08		
Paul T. Tsutsumi 29	39.91	MEN 35-39		Tom McClay 42	1:10.50	Marvin Levine 63	43.20		
50 YARD BREASTSTROKE		50 YARD FREESTYLE		Dennis M. McNulty 41	1:12.84	W. Jason Walker 63	44.46		
Matthew M. Wood 26	28.50	Peter R. O'Keefe 37	23.01	Neal T. Wiener 43	1:19.42	George Brinton 63	48.43		
Brian E. Kelca 27	29.71	Jim H. Makuta 36	23.02	Richard DeFabees 40	1:33.07	50 YARD BUTTERFLY			
Ed Reynolds 28*	29.99	Robert H. Whitley 38	23.78	MEN 45-49		Leland (Lee) C Arth 62	34.73		
Kevin M. McManus 29	31.51	Brian (W) Murphy 36	24.42	50 YARD FREESTYLE		Marvin Levine 63	38.58		
Mike Griffith 27	32.63	Steve B. Clark 35	24.89	Peter E. Ronay 45	25.08	George Brinton 63	41.03		
Wayne P. Rogers 28	33.03	Peter W. Wilson 39	25.15	Brock Fraser 45	27.89	W. Jason Walker 63	41.95		
Gavin Hendricks 27	33.87	Thomas I. Brunson 35	26.31	Ronald C. Durkee 48	28.50	C. Frederick Schmidt 61	42.77		
Richard Walkerbarth 28	34.12	Paul K. Hupka 35	27.68	Arthur Hale 45	28.69	Peter Lee 64	50.89		
Sheldon Streit 27	34.28	Rafael Montijo 39	27.82	Bernard P. Drachlis 48	29.63	100 YARD INDIVIDUAL MEDLEY			
Andrew H. Stock 28	35.03	Wayne A. Smith 39	28.88	Gary McDowell 45	35.48	Leland (Lee) C Arth 62	1:22.19		
Paul T. Tsutsumi 29	35.23	Jay Olson 38	30.37	50 YARD BACKSTROKE		C. Frederick Schmidt 61	1:26.98		
Randy S. Miller 29	35.72	George L. Ritchey 37	30.91	Peter E. Ronay 45	34.69	George Brinton 63	1:31.70		
A. Goldschmidt 25	36.48	Steven Parker 39	33.11	Brock Fraser 45	35.83	Peter Lee 64	1:33.09		
50 YARD BUTTERFLY		50 YARD BACKSTROKE		George R. Downs 49	36.14	W. Jason Walker 63	1:34.12		
Brian E. Kelca 27	24.11	Peter R. O'Keefe 37	27.25	Bernard P. Drachlis 48	38.50	MEN 65-69			
Matthew M. Wood 26	24.26	Jim H. Makuta 36	29.13	Ronald C. Durkee 48	39.68	50 YARD FREESTYLE			
Ed Reynolds 28*	25.03	Steve B. Clark 35	29.67	Arthur Hale 45	45.14	Jürgen B. Schmidt 65	28.18		
Gavin Hendricks 27	25.77	Robert H. Whitley 38	31.36	Gary McDowell 45	45.22	Bob Merrick 67	30.94		
Kevin M. McManus 29	26.57	Brian (W) Murphy 36	32.05	50 YARD BREASTSTROKE		T. R. Johnson Jr. 65	49.39		
Gary A. Rumble 28	26.70	Thomas I. Brunson 35	34.19	George R. Downs 49	32.19	50 YARD BACKSTROKE			
Loren Chaffin 25	27.08	Wayne A. Smith 39	34.99	Brock Fraser 45	35.42	Bob Merrick 67	37.80		
A. Goldschmidt 25	27.19	Paul K. Hupka 35	35.32	Peter E. Ronay 45	38.64	Jürgen B. Schmidt 65	38.79		
Mike Griffith 27	28.22	Rafael Montijo 39	36.32	Bernard P. Drachlis 48	39.44	T. R. Johnson Jr. 65	1:11.33		
Wayne P. Rogers 28	28.62	Steven Parker 39	40.61	Ronald C. Durkee 48	39.44	50 YARD BREASTSTROKE			
Andrew H. Stock 28	29.17	George L. Ritchey 37	42.91	Gary McDowell 45	47.47	Bob Merrick 67	39.64		
Richard Walkerbarth 28	29.38	Jay Olson 38	44.11	50 YARD BUTTERFLY		Jürgen B. Schmidt 65	42.96		
Randy S. Miller 29	30.28	50 YARD BREASTSTROKE		Peter E. Ronay 45	28.03	T. R. Johnson Jr. 65	1:05.19		
Paul T. Tsutsumi 29	30.47	Jim H. Makuta 36	29.23	George R. Downs 49	28.92	Jürgen B. Schmidt 65	31.97		
Sheldon Streit 27	30.84	William G. Lauritzen 36	30.12	Ronald C. Durkee 48	30.28	Bob Merrick 67	36.15		
100 YARD INDIVIDUAL MEDLEY		Brian (W) Murphy 36	31.40	Brock Fraser 45	31.23	T. R. Johnson Jr. 65	1:04.73		
Brian E. Kelca 27	55.56	Robert H. Whitley 38	32.39	Arthur Hale 45	33.99	100 YARD INDIVIDUAL MEDLEY			
Matthew M. Wood 26	55.66	Thomas A. Smith 39	32.37	Gary McDowell 45	41.25	Bob Merrick 67	1:18.14		
Ed Reynolds 28*	58.12	Peter R. O'Keefe 37	33.33	100 YARD INDIVIDUAL MEDLEY		Jürgen B. Schmidt 65	1:19.53		
A. Goldschmidt 25	1:00.42	Wayne I. Brunson 35	34.47	Peter E. Ronay 45	1:07.22	T. R. Johnson Jr. 65	2:18.94		
Kevin M. McManus 29	1:00.48	Steve B. Clark 35	35.47	George R. Downs 49	1:09.45	MEN 70-74			
Gavin Hendricks 27	1:03.68	Paul K. Hupka 35	35.72	Brock Fraser 45	1:11.26	50 YARD FREESTYLE			
Wayne P. Rogers 28	1:03.51	Peter W. Wilson 39	37.73	Ronald C. Durkee 48	1:21.64	Woody Bowersock 74	30.21		
Mike Griffith 27	1:04.12	Jay Olson 38	38.19	Gary McDowell 45	DISQ	Norman Fitzgerald 71	33.96		
Randy S. Miller 29	1:05.20	Steven Parker 39	40.01	MEN 50-54		Robert D. Smith 72	34.84		
Loren Chaffin 25	1:06.53	Rafael Montijo 39	40.61	50 YARD FREESTYLE		Ed Allen Jr. 72	34.95		
Richard Walkerbarth 28	1:06.81	George L. Ritchey 37	42.92	Jeff Farrell 51	24.07	50 YARD BACKSTROKE			
Edward M. Nakaki 28	1:07.30	50 YARD BUTTERFLY		Jerry V. Dunlap 52	25.59	Woody Bowersock 74	44.31		
Andrew H. Stock 28	1:11.34	Peter R. O'Keefe 37	25.49	Peter R. Taft 52	25.73	Ed Allen Jr. 72	47.37		
Paul T. Tsutsumi 29	1:11.37	Jim H. Makuta 36	25.84	Sam Sanders 52	32.14	Robert D. Smith 72	47.50		
Sheldon Streit 27	1:11.52	Brian (W) Murphy 36	26.42	Silas H. Burnham 53	36.49	Norman Fitzgerald 71	48.14		
MEN 30-34		Robert H. Whitley 38	26.68	50 YARD BACKSTROKE		50 YARD BREASTSTROKE			
50 YARD FREESTYLE		Peter W. Wilson 39	28.03	Jeff Farrell 51	31.69	Norman Fitzgerald 71	49.85		
Malcolm Cooper 31	22.13	Steve B. Clark 35	29.14	Jerry V. Dunlap 52	33.58	Ed Allen Jr. 72	52.28		
Michael J. Blatt 32	22.77	Thomas I. Brunson 35	30.73	Peter R. Taft 52	35.99	Woody Bowersock 74	52.69		
Clay Evans 34	22.88	Wayne A. Smith 39	30.73	Sam Sanders 52	38.77	Robert D. Smith 72	53.67		
Robert S. Smith 32	22.91	Paul K. Hupka 35	30.73	Silas H. Burnham 53	52.63	50 YARD BUTTERFLY			
Larry Gates									

NEIGHBORS

Life-long swimmer masters her competition

By Susan J. White

While some people are still searching for the fountain of youth, Palatine's Bobby Turcotte has already found those waters.

The 60-year-old Palatine resident returns to the water almost every day as she has since her childhood to put in her laps, clear her mind and hone her competitive edge.

Once an Olympic prospect, Turcotte is currently ranked among the top 10 masters swimmers in the world in four events: the 50-meter, 100-meter and 200-meter backstroke and the 1500-meter freestyle. Next year those strokes will carry her to Australia to compete in the masters world championships.

Supplementing her pool time with aerobic classes and tennis usually means you can find Turcotte at the Forest Grove Athletic Club in Palatine at least four hours a day. Even the best athletes can get tired of the daily grind and sore muscles, especially when they've been doing it for as many years as Turcotte has, but she's hanging tough.

"I LIKE myself and I want to stay young. Age is not a chronological thing, it's how you feel about yourself. If you can get in the pool and swim like that you feel young," Turcotte said.

And the days that are the toughest to get going, the days when she just wants to give her body a rest, are also the most rewarding, Turcotte said. "As I go out the door it feels so good to have accomplished what I didn't want to do," she said.

There isn't much that she can't force herself to do if she puts her mind to it. Turcotte still races the 200-meter butterfly twice a year, and as any swimmer knows, this is one of the toughest races there is. "I hate it, I do it just to prove to myself I can do it," she said grimacing.

Throughout her life, Turcotte has been proving herself through swimming.

SHE STARTED SWIMMING as a child when she was given the choice between swimming and violin lessons. "Some choice," she laughed. Turcotte was a natural in the water and began swimming competitively through the Amateur Athletic Union (AAU) when she was in high school, but there was no school-sanctioned competition. "In my generation boys were more important," Turcotte explained.

She went on to swim for DePaul University, where girls may have received a little more attention because there were not as many boys in school. "There was a war going on, there were no boys around and when it was over they came back slowly," she said.

"My class had 13 boys, my husband was one of those boys," Turcotte said with a grin. Yes, she admits, she was one of lucky ones.

Turcotte may have been lucky, but she was also good, very good in the swimming pool. She would have competed in the 1944 Olympics, had they not been cancelled because of the war. By the 1948 Olympics, Turcotte had married and was pregnant with the first of



World class masters swimmer Bobby Turcotte works out daily at the Forest Grove Athletic Club pool.

her five children and missed her chance at Olympic competition.

TURCOTTE DOESN'T WASTE time thinking about what could have been, she works to accomplish what's going to be. If pressed, she wistfully admits her regret at not going to the Olympics. "I was too young to know what I was missing," Turcotte said.

She wasn't too young, however to work out a schedule that allowed her to keep swimming after her first child was born. "The next year my husband and my mother babysat while I went to Florida for the nationals and I swam as good as I ever did," Turcotte said.

Now the children, all five of them swimmers, are grown up and out of the house. Turcotte has four grandchildren with three more on the way. And with her family grown up and her job as Buehler YMCA program director behind her, Turcotte has more time than ever to work on her swimming.

TODAY TURCOTTE SWIMS with the Lincoln Masters, a group of some of the bestmasters swimmers in Illinois who got together to form top caliber relay teams. But even with all her work, Turcotte isn't dropping her times. "You don't get better as you get older," she sighed, "In the beginning it was very hard to take. I'd call home from a national meet and say I'm never going again. Now it almost doesn't matter, you're there for the friendship and the fun."

Listening to Turcotte talk about the meets and finding her name on the international ranking sheets, it's obvious the competition is still a big part of it even if she is slowing down a little.

Turcotte swims a mile in about 28 minutes now, no small feat for most people even half her age, but she doesn't let the conversation go too far before pointing out that she used to swim the same distance in 25 minutes.



Turcotte, who recently added tennis to her exercise menu, gets a little help from club pro Rex Nyquist. (Staff Photo by Richard Bajjalieh)

She's still concerned about performance, however. "When you're at the Nationals you get very nervous," she said. The tension is high before a race, but the rest of the time swimming is one of the greatest stress relievers there is, Turcotte said.

"AS YOUR body goes up down through the water your mind leaves, it's like being in a trance." Turcotte struggles to find the right words to describe the feeling.

"It's a feeling you'd pay bucks for, to go out of yourself. Day-dreaming is close, but this is better, it's physical," she said.

Turcotte is a one-woman cheerleader for her sport. Even the everyday hassles like traffic seem to melt away in the swimming pool, she explained.

But the benefits of exercise are not limited to swimming, Turcotte stressed. It's never too late to try something new, said the woman who became a tennis enthusiast at age 59.

"SWIMMING IS something you can do from the time you're a baby to the day you die because it's not a weight-bearing activity," Turcotte said.

How long is she going to keep swimming? It's hardly worth asking because the answer is obvious: "till I can't do it anymore."

FREESTYLE.....Tom Lyndon

Reprinted from NEM NEWS...With the USMS National Championships a short time away, Tom thought you might like to know how to exceed your current expectations of how fast you will go. (Thanks, Tom)

RACE PACE... Your body, mind and spirit need to experience the pace you want to go in your best event. You should actually swim some short- one fourth to one half the race- distance at that pace in practice, thinking very hard about what you are feeling. Introduce your senses to that higher consciousness of what it feels like, which is considerably different from swimming 10% or 20% slower. When I do this, I am particularly aware of these changes:

1. Higher body position: When I speed up, I think of an outboard motor boat that goes from pushing through the water to planing over the top when the speed picks up. My college coach talked of swimming over a barrel to heighten the feeling of getting on top of the water instead of plowing through it. High shoulder recovery and a tucked in stomach (good luck!) help.

2. Different rhythm: My timing seems more than a tad off when I first try to speed up. It's as if I was struggling with a new dance step. I don't despair when this feeling makes me wonder why I am trying to do something different. It gradually subsides, replaced with that good feeling of moving through the water naturally.

3. Altered breathing: That nice little spot you automatically go to each time you want some air may relocate. However, it is there and may be in a better spot since, being higher in the water, you have less distance to go to get your head "above" water. And remember that you are breathing in the trough- wake if you prefer- that your head makes. When you speed up, the trough gets deeper, also helping you get that glorious air.

4. More Kicking: You will probably find that kicking harder relative to your arm pulling will make a big difference if 1) it's a short race and 2) you don't have one of those negative kicks- you know the kind I mean, the kick that seems to propel you much more slowly than the others in the pool. A good kick pushes you up out of the water, much like that motor on the outboard.

5. Faster Fatigue: There's no two ways about this fact. When you swim faster, you expend more energy and run out of gas- at least start to ping on the hills- sooner. You need to know how and when it will come on, so when you are actually racing you will not panic, change gears, or, more to be avoided, wimp out to avoid the problem well before you start to poop out.

A major caution is to avoid turning this brief fling in the fast lane into a crash course for better conditioning. It's too late for that. If you do try, you will only succeed in squandering whatever level of condition you have at the

moment. In order to avoid going negative, limit the speed distance you go to only as much as you feel completely good doing. Remember the object is to develop more than a nodding acquaintance with the feeling of swimming at race pace, not to test your stamina. You should stick your toe in the pit of fatigue while doing this fast stuff, but only to improve your ability to keep your stroke together.

A second major caution is not to tamper too much with whatever stroke you have been using. While you may discover that it doesn't do all that you want it to do when you rev it up, that doesn't mean that making changes suddenly will solve the problem. It can result in your not finding a better stroke, while losing the feel of your old stroke. That's a legitimate cause for deep panic.

A third major caution is not to tack your dalliance with speed on top of your regular workout. You should be really fresh when you speed up. If you must continue to do your full workout, do the speed work early in the workout.

TAPERING... Without going into the details of what constitutes the right taper- which is far from scientifically known- I urge you to cut down on the total yards and/or the intensity at which you swim them. I don't consider the two weeks before the big race as the time to add to my conditioning. The taper should accomplish three things: 1) rest your muscles, 2) be not too much more than a hefty warmup which- I believe- will hold your conditioning level, and 3) fine tune your abilities to perform at the speed you would like to go. I've had success with a race pace set using short distances and long rest intervals.

TURNS... A turn at a speed faster than you have been going is a surprise. Everything happens so fast. Your legs come over much more easily. You find yourself pushing off the wall sooner. Your streamlining, or lack of, on the glide from the wall becomes more noticeable. There is nothing like turning fast to learn to turn fast. One way to get the experience without the fatigue, allowing you to focus on turns and nothing else, is to start about five to eight yards from the wall and turn it on. When you come off the wall take at least one stroke at race pace before throttling down. One stroke without breathing helps when sprinting.

STARTS... Get reacquainted with those blocks that you have been ignoring all season. Try a few starts. It's important you go through the motions. Think of reacting fast. Get out over the water. Streamline your body as you enter the water, hands first preferred. Take your first stroke or two before you take a breath to conserve the speed from the start- the fastest you will be in the race. Weismuller, grab, and track starts all have their backers.

GOGGLES... Now's the time to check out your goggles in dive starts. Tightened straps, wedged into your eye sockets, and tucking your head when you hit the water help. Learning what it feels like to swim with them as a bit in your mouth, under your nose, or filled with water while askew in your eyes can be tried. Learning how to rip them off while swimming is another skill to consider. 4-88

1987 UNITED STATES MASTERS SWIMMING RECORDS

Short Course (Yards) — Women

	19-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+
50 Free	24.70	23.69	23.26	24.66	25.31	26.15	27.40	29.20	30.67	32.44	34.66	36.17	56.55	59.89	1:27.65
100 Free	53.74	52.11	50.83	54.22	55.97	57.91	1:01.58	1:05.80	1:08.11	1:12.28	1:21.70	1:21.57	1:57.98	2:22.40	3:31.33
200 Free	2:00.75	1:52.14	1:52.57	1:56.29	2:06.71	2:07.49	2:19.30	2:27.88	2:37.76	2:45.81	3:07.01	3:05.04	4:24.77	5:43.80	8:28.07
500 Free	5:26.50	4:59.00	5:07.60	5:11.40	5:36.92	5:42.92	6:11.76	6:33.76	6:52.36	8:02.90	8:24.47	9:41.78	12:01.10	15:11.61	—
1000 Free	11:11.78	10:26.63	11:02.07	11:36.20	11:41.01	11:55.72	12:44.88	13:40.00	14:04.75	16:18.49	18:12.99	21:40.27	24:34.79	32:19.92	—
1650 Free	17:31.70	17:48.56	17:41.63	19:07.37	19:25.96	20:12.73	21:32.25	23:12.73	25:01.78	27:17.62	30:15.38	33:14.90	40:21.50	50:54.73	—
50 Back	29.14	27.61	28.97	29.10	32.00	32.85	30.23	34.63	36.80	41.70	44.64	54.05	1:00.20	1:07.57	—
100 Back	1:02.84	58.76	1:02.87	1:02.92	1:08.57	1:12.10	1:13.49	1:17.48	1:20.41	1:32.70	1:37.58	2:00.48	2:15.78	2:41.15	—
200 Back	2:15.05	2:12.46	2:16.92	2:23.45	2:26.34	2:38.68	2:39.39	2:54.55	2:54.92	3:26.20	3:34.17	3:59.09	4:52.78	5:32.57	—
50 Brst	32.60	30.61	31.65	32.87	33.31	34.85	35.55	37.70	40.38	42.91	49.07	56.54	1:06.58	1:23.67	2:26.52
100 Brst	1:08.12	1:08.86	1:08.85	1:12.38	1:12.49	1:17.46	1:18.80	1:25.13	1:28.02	1:37.97	1:51.00	2:06.95	2:24.67	3:57.04	5:30.32
200 Brst	2:25.40	2:30.34	2:31.19	2:37.73	2:38.86	2:46.59	2:56.30	3:05.29	3:14.45	3:30.37	3:55.78	4:28.53	5:39.12	7:10.40	11:48.36
50 Fly	27.46	25.68	26.85	26.68	28.28	28.82	30.57	31.76	35.32	38.39	45.75	55.76	1:06.25	1:16.00	—
100 Fly	58.63	57.11	59.01	59.02	1:01.88	1:04.62	1:12.16	1:15.77	1:23.43	1:30.04	1:47.29	2:22.34	2:36.36	3:01.71	—
200 Fly	2:21.28	2:03.38	2:10.62	2:10.80	2:20.27	2:22.49	2:51.58	2:51.18	3:12.12	3:29.24	4:06.22	5:05.34	5:43.94	7:15.95	—
100 I.M.	1:01.44	1:01.08	1:01.52	1:02.98	1:05.94	1:08.96	1:10.73	1:14.80	1:20.40	1:28.58	1:37.35	2:04.14	2:24.88	2:41.31	—
200 I.M.	2:13.92	2:09.45	2:09.99	2:22.59	2:24.13	2:26.89	2:41.96	2:45.47	2:53.05	3:21.39	3:39.02	4:28.74	5:13.80	5:57.63	—
400 I.M.	4:49.34	4:32.30	4:53.12	5:02.95	5:07.91	5:10.24	5:50.83	5:56.00	6:17.58	7:31.89	7:36.45	9:18.91	11:16.00	17:13.92	—
200 Fr. Rel.	1:48.84	1:37.79	1:47.05	1:58.14	2:17.76	2:17.76	2:17.76	2:17.76	2:17.76	2:17.76	2:17.76	2:17.76	2:17.76	2:17.76	4:29.97
200 Med. Rel.	2:04.18	1:52.62	2:02.02	2:02.02	2:02.02	2:02.02	2:02.02	2:02.02	2:02.02	2:02.02	2:02.02	2:02.02	2:02.02	2:02.02	5:39.54
400 Fr. Rel.	3:55.39	3:51.58	4:18.09	4:18.09	4:18.09	4:18.09	4:18.09	4:18.09	4:18.09	4:18.09	4:18.09	4:18.09	4:18.09	4:18.09	—
400 Med. Rel.	4:47.25	4:38.53	4:52.72	4:52.72	4:52.72	4:52.72	4:52.72	4:52.72	4:52.72	4:52.72	4:52.72	4:52.72	4:52.72	4:52.72	—
800 Fr. Rel.	8:35.58	8:45.03	9:00.25	9:00.25	9:00.25	9:00.25	9:00.25	9:00.25	9:00.25	9:00.25	9:00.25	9:00.25	9:00.25	9:00.25	—
200 Mix. Fr. Rel.	1:37.52	1:30.65	1:37.33	1:37.33	1:37.33	1:37.33	1:37.33	1:37.33	1:37.33	1:37.33	1:37.33	1:37.33	1:37.33	1:37.33	2:44.49
200 Mix. Med. Rel.	1:51.84	1:43.17	1:48.59	1:48.59	1:48.59	1:48.59	1:48.59	1:48.59	1:48.59	1:48.59	1:48.59	1:48.59	1:48.59	1:48.59	3:28.37
400 Mix. Fr. Rel.	3:53.21	3:36.34	4:04.97	4:04.97	4:04.97	4:04.97	4:04.97	4:04.97	4:04.97	4:04.97	4:04.97	4:04.97	4:04.97	4:04.97	—
400 Mix. Med. Rel.	4:09.80	4:24.47	4:49.11	4:49.11	4:49.11	4:49.11	4:49.11	4:49.11	4:49.11	4:49.11	4:49.11	4:49.11	4:49.11	4:49.11	10:56.58
800 Mix. Fr. Rel.	9:03.83	8:09.45	10:12.33	10:12.33	10:12.33	10:12.33	10:12.33	10:12.33	10:12.33	10:12.33	10:12.33	10:12.33	10:12.33	10:12.33	—

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Short Course (Yards) — Men

	19-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90+
50 Free	21.11	20.18	20.99	21.72	22.22	22.78	22.93	23.41	25.19	25.62	27.45	28.73	33.77	39.47	1:35.84
100 Free	46.20	44.94	45.29	47.52	49.38	50.40	52.31	52.59	56.09	56.24	1:01.22	1:04.46	1:19.32	1:28.95	4:00.62
200 Free	1:44.02	1:41.72	1:40.45	1:44.48	1:48.18	1:52.42	1:57.72	2:06.48	2:07.53	2:10.80	2:24.72	2:31.43	3:01.25	4:20.00	—
500 Free	4:43.54	4:37.41	4:40.83	4:47.05	4:50.80	5:03.96	5:21.51	5:35.91	6:01.23	6:17.42	6:54.49	7:16.39	8:03.55	9:43.40	—
1000 Free	9:49.98	9:33.93	9:57.46	10:09.63	10:19.81	10:48.89	11:00.03	11:39.16	12:39.56	13:35.33	14:32.82	15:00.25	16:54.23	25:51.50	—
1650 Free	17:07.43	15:51.43	16:42.50	17:03.80	17:05.64	17:59.11	18:53.29	19:37.78	21:00.20	22:21.28	24:01.58	25:06.67	28:04.21	39:46.87	—
50 Back	26.03	24.20	24.29	25.40	25.93	27.09	28.16	29.62	30.65	33.10	35.16	37.14	41.17	57.68	—
100 Back	54.58	52.44	51.95	55.10	57.44	1:00.64	1:02.33	1:06.14	1:07.47	1:13.04	1:19.30	1:23.22	1:35.29	1:58.65	—
200 Back	1:59.81	1:55.59	1:54.53	1:59.73	2:07.02	2:15.70	2:16.94	2:27.23	2:30.32	2:43.54	2:55.59	3:08.20	3:34.78	4:30.54	—
50 Brst	28.36	26.07	26.53	27.05	28.01	29.27	29.70	30.95	33.24	35.17	36.45	38.58	47.00	56.10	—
100 Brst	59.86	57.16	57.99	59.11	1:01.92	1:06.62	1:05.29	1:08.47	1:16.20	1:18.98	1:23.65	1:27.44	1:45.41	2:10.50	—
200 Brst	2:21.65	2:04.82	2:08.13	2:14.19	2:18.69	2:27.28	2:29.42	2:37.58	2:53.04	2:57.28	3:10.58	3:35.26	4:03.66	6:59.01	—
50 Fly	23.64	22.41	22.83	23.80	24.33	24.91	26.23	27.34	28.50	29.99	34.24	35.44	48.33	1:32.25	—
100 Fly	52.08	49.81	50.20	51.61	54.04	56.54	1:00.06	1:03.80	1:07.32	1:11.93	1:23.06	1:34.77	2:19.14	—	—
200 Fly	1:57.22	1:51.01	1:50.67	1:53.88	2:02.39	2:09.45	2:17.78	2:34.02	2:43.18	2:58.52	2:58.78	3:52.20	5:12.57	—	—
100 I.M.	54.62	51.17	52.69	55.77	56.72	59.04	1:02.11	1:04.39	1:06.74	1:15.89	1:16.57	1:43.23	2:05.62	—	—
200 I.M.	1:57.90	1:54.03	1:55.86	2:00.79	2:04.11	2:11.54	2:15.42	2:24.91	2:32.47	2:40.26	2:53.83	2:58.90	3:48.22	4:40.51	—
400 I.M.	4:11.25	4:04.17	4:10.30	4:22.04	4:30.30	4:42.53	4:57.03	5:13.07	5:34.42	5:54.74	6:26.40	7:28.30	9:26.94	10:41.12	—
200 Fr. Rel.	1:31.73	1:23.92	1:28.69	1:28.69	1:28.69	1:28.69	1:28.69	1:28.69	1:28.69	1:28.69	1:28.69	1:28.69	1:28.69	1:28.69	2:26.59
200 Med. Rel.	1:44.83	1:34.30	1:40.83	1:40.83	1:40.83	1:40.83	1:40.83	1:40.83	1:40.83	1:40.83	1:40.83	1:40.83	1:40.83	1:40.83	3:01.85
400 Fr. Rel.	3:27.97	3:19.80	3:35.06	3:35.06	3:35.06	3:35.06	3:35.06	3:35.06	3:35.06	3:35.06	3:35.06	3:35.06	3:35.06	3:35.06	—
400 Med. Rel.	4:02.13	3:44.49	4:06.16	4:06.16	4:06.16	4:06.16	4:06.16	4:06.16	4:06.16	4:06.16	4:06.16	4:06.16	4:06.16	4:06.16	—
800 Fr. Rel.	7:51.28	7:28.59	8:08.95	8:08.95	8:08.95	8:08.95	8:08.95	8:08.95	8:08.95	8:08.95	8:08.95	8:08.95	8:08.95	8:08.95	—

Updated 5-31-87

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Swimming News

NEWSLETTERS - I wish to thank all of you who send me your Newsletters! It keeps my calendar filled. Gives me interesting articles to reproduce. Hopefully, things that are of interest to others. The April issue of NEM NEWS takes the prize. There were many interesting bits and pieces in the last issue. It seems that the Rhode Island Aquatic Hall of Fame will induct seven people at its annual dinner in May. Included are three NEMs - one being Jim Edwards, editor of NEM NEWS. Jim, former University of Michigan and West Point swimmer who placed fifth in the 1,500 freestyle in the 1944 NCAA Championships. He won All-American Masters recognition in 1979, '83, '84 and '87, and competes in New England competitions. Ernie Hulme, who competed at Pawtucket West High School and later for the U.S. Army while stationed in Japan. After a 25 yr hiatus from the sport, Hulme resumed swimming in 1975 and competes in New England competitions. He has organized the "Swim for Kids" charity. Peter Solomon, Rhode Island swimmer of the year as a senior at East Providence High in the 1970's, set national junior records and qualified for the 1979 U.S. Olympic Festival and 1980 Olympic Trials. Was co-captain of North Carolina State team.....

SCANDAL-SEX-GOSSIP - This was a title used in NEM NEWS (thanks Jim) and the next two items

were on the page:

Swimmer arrested after assault at YMCA

CRANSTON - A Providence man swimming at the Cranston YMCA was arrested Monday after he allegedly punched another swimmer in the face for bumping into him while they were in the water.

Police said Andrew J. Marino, 40, of 18 Tiber St. was charged with simple assault and arraigned in District Court yesterday, where he was released on \$500 personal recognizance.

According to police reports, Frederick Talbot, 38, of Coventry told officers that he and Marino bumped into each other while they were swimming laps in one of the pool lanes shortly after noon.

Based on statements from Talbot and witnesses, police said that when Talbot stopped in the shallow end, Marino began yelling and swearing at him, then grabbed him by the throat and punched him in the jaw.

Police said Talbot was not injured and declined medical treatment.

QUESTION - Who invented hand paddles and experimented with flippers? Answer: Benjamin Franklin. In Van Doren, Benjamin Franklin, Garden City Publishing (1941) at page 17 one finds the following:

"When I was a boy I made two oval palettes," he wrote long afterwards to Barbeau Dubourg, "each about ten inches long and six broad, with a hole for the thumb, in order to retain it fast in the palm of my hand. They much resembled a painter's palettes. In swimming I pushed the edges of these forward, and I struck the water with their flat surfaces as I drew them back. I remember I swam faster by means of these palettes, but they fatigued my wrists. I also fitted to the soles of my feet a kind of sandals; but I was not satisfied with them, because I observed that the stroke is partly given by the inside of the feet and the ankles, and not entirely with the soles of the feet..." (Interesting!).....

WORLD RECORDS - For short & long course meters: Beginning January 1, 1988, application forms for pending world records must be accompanied by a copy of the individual's birth certificate and a copy of the certification of the length of the pool. This is in addition to the regular paper work - a copy of the signed timecard with the signature of the three timers and the meet referee for non-electronic meets and the signature of the meet referee and a copy of the electronic timetape for electronically timed meets...

CHANGES TO THE RULES - Effective Sept. 1, 1988, USS has adopted the international (long course) rules for all competition. USMS will still be governed by USS rules BUT will retain the existing exceptions to the USS rules. i.e. Masters swimmers will continue to use the short course start - both for forward starts and for the back-stroke starts. Breaststroke kick will still be allowed when swimming butterfly.....

SWIM-MASTER

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SWIM CALENDAR

VOL XVII - No 4

MAY 1988

MAY 13-16	SCM-CANADIAN CHAMPIONSHIPS - Ralph Hutton, 9565 132A St., Surrey, B.C. Canada V3V 7B8
14	SC - San Diego Imperial, 1135 Garnet-K, San Diego, CA 92109
19-22	USMS SC NATIONAL - Huddie Murray, c/o TX Swim Ctr, 1900 E Campus Dr, Austin, TX 78705
29	LC Pentathlon, Alicia Coleman, 24 The Point, Coronado, CA 92118
29	2 MI - Beth O' Connor, 11150 Forest Edge, REston, VA 22090
JUN 4	Broward Sports Festival - Judy Meyer, 10333 Diego Dr. S., Boca Raton, FL 33428
4	LC - Gene Donner, 717 South Rd., East Aurora, NY 14052
4-5	LC - Elaine Hochuli, 7936 Dunhill Village Cir, #301, Baltimore, MD 21207
4-5	LC - OMA, 18476 Timbergrove Ct., Lake Oswego, OR 97034
4-5	LC - Venice, FL - Balint Papp, 4800 Rilma Ave., #139, Sarasota, FL 34234
18	LC - Ron Bank, 80 Pebble Beach Dr., Little Rock, AR 72212
19-20	LC - North Carolin State Games
24-26	LC - Maracaibo, Venezuela, David E.Morrill, M-91 Jet Intern., POB 020010, Miami, FL
25	LC - Mishawaka Summerfest Swim Meet, 600 E 3rd St., Mishawaka, IN 46544
25-26	LC - Judy Meyer, 10333 Diego Dr. S., Boca Raton, FL 33428
25-26	LC - Elaine Dorris, 5101 Maryland Way, Brentwood, TN 37027
25-26	LC - Nancy Miller, 3741 Reed's Landing Cir., Midlothian, VA 23113
26	1500 M - David Diehl, 12511 Littleton ST., Silver Spring, MD 20906
JUL 9	1 MI Open Water - Peter Crumbine, 3 Copper Bch Rd., Greenwich, CT 06830
9	2 MI Nationals - Jim Miller, 1417 Johnson Willis Dr., Richmond, VA 23235
9-10	LC - Sunshine State Games, Brenda Hennessy, 1414 Glengarry Rd., JAX, FL 32207
10	LC - SDI Masters Swim Office, 1135 Garnet-K, San Diego, CA 92109
16	LC - Ron Bank, 80 Pebble Beach Dr., Little Rock, AR 72212
16-17	LC - Mary Dowlen, College of Charleston, Math Dept, Charleston, SC 29407
16-17	LC - Dorothy Ressiguie, Box 7, Tar Heel, NC 28392
21	LC - SDI Masters SWim Office, 1135 Garnet-K, San Diego, CA 92109
22-24	LC - Robert Anderson, 4549 H Northside Pkwy., Atlanta, GA 30339
23-24	LC - Dot Donnelly, 495 Lovely STreet, Avon, cT 06001
24	LC - Alicia Coleman, 24 The Point, Coronado, CA 92118
24	3 MI Nationals - George Mcvey, 477 Antlers Dr., Rochester, NY 14618
29-31	LC - Chris Truhol, 612 Pall-A-Grille Way #3, ST. Petersburg, FL 33706
AUG 13-14	LC - Nancy Kirkendall, 3403 Gilden Dr., Alexandria, VA 22305
13-14	LC - Dorothy Ressiguie, P.O. Box 7, Tar Heel, NC 28392
21	LC - SDI Masters Swim Office, 1135 Garnet-K, San Diego, CA 92109
25-28	USMS LC NATIONALS - Gene Donner, 717 South Road, East Aurora, NY 14052
27-28	LC - Brenda Hennessy, 1414 Glengarry Rd., Jacksonville, FL 32207
27	Manhattan Island Marathon Swim, 438 W 37 St, Suite 5-H, NY, NY 10018
OCT 10-15	2nd FINA/MSI WORLD MASTERS SWIMMING CHAMPIONSHIPS - Brisbane, Australia
JUL 23-8/5	1989 MASTERS GAMES - Denmark
AUG 7-13	3rd FINA/MSI WORLD MASTERS SWIMMING CHAMPIONSHIPS 1990 - Rio de Janeiro, Brazil

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