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Masters Swimming in Australia

By BARRY STUTSEL
National Secretary, A.U.S.S.I.

The 1977 A.U.S.S.I. Adult Swimming Guide has revealed some interesting facts. The oldest woman member of A.U.S.S.I. for 1976-77 was Nell Gould (73) of Woollahra. Nell is an exponent of the trudgeon stroke. Oldest man was Barney Brownjohn at 85 years. Barney swam the 50 metre Freestyle in 60.5s.

Hot on Barney's heels is Fitz Lough, of Manly, who at the age of 80 swam a remarkable 7m 09.03s for the 400 m. Freestyle at the recent Tamworth carnival. Fitz swam 30 seconds faster than his nominated time and pleaded afterwards that the pool was fast.

Perhaps the fact that he swam stroke for stroke with Robyn Jones (30) secretary of the Hills A.U.S.S.I. Club was what pushed him on. Robyn's time was 7m 10.01s. Fitz's time was many minutes faster than the best U.S. time in his age group (80 and over).

The other outstanding swimmer at the Tamworth carnival was Jim Williams (46) secretary of Tamworth A.U.S.S.I. Jim set national records for the 50 m. Freestyle (27.8s), 50 m. Butterfly (32.6s), 50 m. breaststroke (38.2s) and 100 m. Individual Medley (1m 15.07s).

Levity was added to the meet by the "three legged three armed relay". This was swum by teams of four swimmers in pairs.

Two swimmers were joined at the wrists and the ankles by leg bands, and because the names were drawn from a hat there were some really odd sized pairs.

The novelty relay event is becoming a highlight of A.U.S.S.I. carnivals with recent meets having conducted egg and spoon, 1890 costume, and mixed sex medley relays.

The fitness emphasis of A.U.S.S.I. was underlined by the fact that 59 of the 300 N.S.W. members in 1976-77 swam in the 1500 m. time trials. Their times ranged from 20m 36.00s (John Koorey, 33, Manly) to 45m 00.00. The outstanding swim was by Geoff Ryan (71) of Manly, 28m 08.03s.

As it warms up, older swimmers are coming out of hibernation from Perth to Townsville, and, with the growing awareness of the benefits of regular swimming, many new clubs are being formed.

If you are interested in forming a club or joining an existing one write to the National Secretary, A.U.S.S.I., 299 Bexley Road, Bexley North, 2207.

THE INTERNATIONAL SWIMMER

NOVEMBER, 1977

Joan Beck

Women gain in athletics; will they ever match men?

Johnny Weissmuller chalked up a 1924 Olympic record in the 400-meter freestyle with a time of 5:04.2 minutes. In the 1976 Olympics, Petra Thumer swam the same distance in 4:09.8 minutes for the women's title.

Today, there are dozens of such facts you can put together to argue a convincing case that differences in athletic ability between men and women may not be as great and as biologically immutable as usually assumed. Once women have equal opportunity, training, motivation, and reward, such differences may narrow considerably and in a few sports may wash out altogether.

Science News toyed with such speculations in a recent issue and noted, for example:

● Top women swimmers now regularly break records set by men just a few years ago.

● In long-distance swimming, it is not unusual for women to top men's current records.

● Women come much closer to matching men's marks in swimming and track in nations which support competitive athletics for women.

● Given opportunities and incentives for athletic training, women improve in strength more than men under comparable circumstances. It's possible that men and women of comparable size and lean body weight may not differ much in potential strength.

● Women, generally, do have a lower center of gravity, wider pelvis, shorter stride, and higher body fat content than men and are comparably less skilled than men in sports where these factors are important. But there is great overlap between the abilities of individual men and women; women who have had athletic training usually do better than untrained men.

● Women may even have an edge over comparable men in long-term endurance competition, because of differences in body composition and metabolism.

One reason women may not do as well in sports as men is that, historically, athletic games may have developed around physical abilities easiest for men to acquire, Science News speculated. If sports events were designed which had less emphasis on strength and more on endurance, balance, reaction time, accuracy, drive, and persistence, men might not so easily outclass women.

The point of such comparisons and speculations is not to argue that, given an end to sexist discrimination, women might be playing outfield in the major leagues or competing directly with men in center court, Forest Hills.

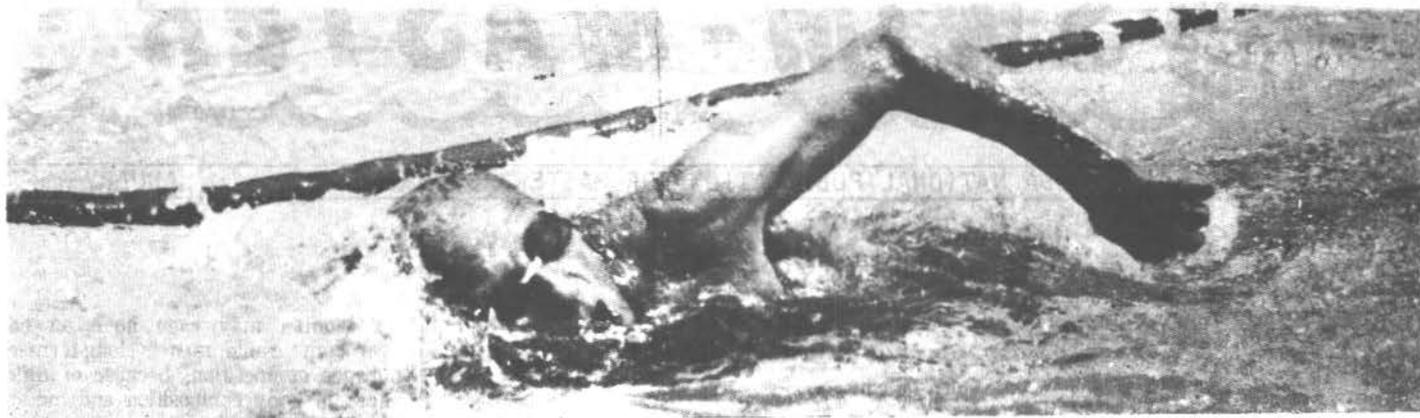
It is a reminder, however, that in the past athletic ability in women beyond walking down a church aisle or an Atlantic City runway was seldom prized and rarely encouraged. What women didn't do came to be seen as what women couldn't do and the weaker sex assumption, never challenged, has long been a classic self-fulfilling prophecy.

But times, they are a-changing. When, lured by federal carrots and prodded by federal sticks, colleges began to offer athletic scholarships to women and to field women's teams, the number of fine women athletes began to increase. When women got the chance to compete with men at the national service academies, they managed to keep up, with only a few concessions. When the number of Olympic events for women increased, so did outstanding women Olympians.

As a society, we need to be sensitive to any cultural assumptions that impose limitations—on men as well as women. [Men's athletic performance is also improving with new training methods, techniques, and incentives.] But weaker-sex, women-can't, it-isn't-ladylike assumptions stunt more than outright sex discrimination.

We really don't know yet what our immutable biological limitations as human beings are—mentally or physically—given changes in lifestyle, culture, and early training and incentives. We would all do better to remember that.

For Fred Allen, Winning is the name of the game



FRED ALLEN, 78, in training swims one mile just for a warm-up.

By ELIZABETH MARCHAK

What does a former physical education teacher do when he retires?

He jogs five miles a day and he wins swim meets. That may not sound too unusual but two weeks ago, Fred Allen, 78, entered in the 75-79 age group in an AAU Amateur Athletic Union sanctioned swim meet in Glastonbury, Connecticut, and he placed first in the 50-yard freestyle, the 100-yard freestyle, the 200-yard freestyle, the 500-yard freestyle and the 1650-yard freestyle. "I don't get much competition, so I come in first," he said modestly.

Competition or no, "Fred Allen really likes to keep himself in shape," says Steve Schofield, program director at the Smithfield Boys' Club. Allen swims three days a week. "For a warm-up he'll come in and swim a mile," said Schofield. "Right now I'm teaching him the butterfly, because he is interested in winning the national championship in the event."

"Well, I'm trying to learn," Allen said with a chuckle. "I'd like to

swim the butterfly and get first place. That's only a hope. I'm not depending on it."

Currently, Allen swims the crawl in the freestyle events that he usually wins. He plans now to perfect the butterfly for two national meets to be held in 1978. One AAU meet will be in Texas in May and the other will be in Providence at Brown University on Labor Day weekend in September.

Allen is part of a small group of senior citizens who swim weekly at the Smithfield pool. "The others are not as active as he is. Other people are here for recreation, and most don't do laps," said Schofield.

A physical education teacher in the Providence high schools for "more years than I care to remember — about 42," Allen retired in 1965.

"I started out in the old Technical High School, then I went to Classical, then I went to Commercial High in 1924. After that I went one year to the new Nathan Bishop Junior High School. His last assignment was Mt. Pleasant High School. "My gosh, I was there over 25 years," he said.

During his teaching career, he said, he always stressed individual athletics.

"I tried to get the youngsters in activities — golf, tennis, badminton, and the like, if that was what they were interested in. For anyone interested in an individual activity, that was better than a team sport," he said.

Allen is not really sure why he is a member of the AAU masters swimming group. "Let's just say I've been interested in swimming for a while," he said.

Besides swimming and the daily job with his wife, Allen works around his 100-acre farm. When asked what else he does to fill his spare time, he replied, "I don't have time for anything else with all the work that goes into a farm. I'm busier now since I retired than I could ever imagine."

He does have one hobby though — his ham radio. "I use it now when the spirit moves me. I used to stay up all night, but I don't do that any more."

Allen wants to swim as long as he is able. And he wants to win, too. He said he never tires of winning. "After all, it's the name of the game," he said.

THE SACRAMENTO BEE

Sunday, September 18, 1977



Sacramento's three participants in the fifth annual All Womans Golden Gate Swim did all right for themselves. Dot Werry finished third, Judy Covin finished fourth and Joan Perkins came in sixth out of 24 in the swim from the Marin side of the Golden Gate Bridge to the beach at Ft. Point on the San Francisco side, a distance of one and one-fourth miles. Mrs. Werry, who recently swam across Lake Tahoe, is 41, Mrs. Covin is 35 and Mrs. Perkins is 31, and all are members of the Sacramento YMCA Masters Swim Team. All are housewives. "This was not a race and we were not timed," points out Mrs. Werry. "Most all of the women that do this type of swimming are from the bay area, a few from Santa Cruz and one was from Los Angeles. We are the only ones, so far, from Sacramento

who like to do this sort of thing. It is exciting, a challenge, and we have a lot of fun. Swimming for a masters team offers an opportunity to stay in good health physically and mentally (also good shape!) because we are swimming for the fun, the fitness and the fellowship."

1. Meet co-directors Ellen Schappel and Betty Trabalka; Oak Ridge Masters President Bobbe Smith, MC at the Saturday evening banquet; and Winnie Krogsrud, founder of Oak Ridge Masters, who returned from Toronto for the meet. Husband Rick Krogsrud is doing post-doctoral research in bio-medicine at the University of Toronto Medical Center and swims with Etobicoke Masters since leaving Oak Ridge Masters. Winnie helps train age-group swimmers under Canadian Olympic Coach Deryk Snelling at Toronto's Etobicoke Olympium Complex (the site of the proposed 1978 International Invitational).

2. Lois Weir and Ally Grunst, hostesses of the Saturday evening banquet—important part of the swim-meet weekend!

3. Bonnie and Bob Mosbrook, Virginia Masters.

4. "Irv and Sig", Sig Langner, 76, Merritt Island, Fla.; and Irvin Merritt, 73, West Lafayette White Sharks Masters, 1976 Masters All-American.

5. Huntsville Alabama Masters—Virginia Warren, Barbara Roberts (her first Masters meet) and Rosie Vijil, team captain.

6. Chuck Roy, South Carolina Masters, and wife, Eleanor; Ben Jewell, Danville, Ill., and wife, Ellen. A reunion for two couples who have been friends for 37 years—and also Ben's first Masters meet.

7. Yoshi Oyakawa, Southern Ohio Masters, 1975 Masters All-American; and Kirk Canterbury, Tar Heels Masters. Yoshi swam for Ohio State 1950-56. He was a gold medalist in the 1952 Olympics at Helsinki in the 100-m. Back (1:05.4). As Air Force Lt. Col. Oyakawa in 1957 he was on temporary assignment coaching at the Air Force Acad-

emy at Denver where Cadet Kirk Canterbury was a member of the swim team. This was their first meeting in the 20 years since. Also, at the Oak Ridge meet was Gaither Rosser, Gold Coast Masters, a member of the 1952 U. S. Olympic swim team along with Yoshi; and Jack Van Horn, Ohio Masters, member of the Ohio State swim team 1950-55 along with Yoshi.

8. Matt Flanagan, D. C. Masters; John Woods, Allegheny Mts. Masters; and Bill Marshall, Oak Ridge Masters.

9. Suncoast Masters of Sarasota.

10. Natalie Clement, coach of Suncoast Masters, holding her team's first place award along with her own high-point trophy—a handcrafted bowl with the seal of the City of Oak Ridge. The 1st, 2nd and 3rd place individual award for each event was a specially-designed gold medal with royal blue background and an atomic symbol for Oak Ridge, mountains for East Tennessee and the International Swimming Symbol depicted in colors and outlined in gold; and in gold letters on white "SEAAU Championships, Oak Ridge, Tennessee."

11. Gold Coast Masters—Gaither Rosser, James Manchester, Patricia Smith, Lisa Woodman, Cal Winn and John Zeigler.
12. Southern Ohio Masters—Gretchen Drake, Mary Jane Schafer, Jerry Donovan, Peg Greetham, Yoshi Oyakawa, Don Greetham and Joe Henry.

With the ending of the 5th ANNUAL SEAAU CHAMPIONSHIPS, Oak Ridge Masters extend invitations to all of you for next year's meet!

Joanne Marshall, ORM

SEAAU CHAMPIONSHIPS

OAK RIDGE, TENN.

OCT. 22 & 23





1. On Oct. 29, 1977, the RINCONADA MASTERS MEN'S TEAM tried for the 1000 yard free relay record (10x100), held by the Connecticut Masters with the time of 11:07.20. The Rinconada men broke the record with a time of 11:00.77. One member of each age group 25 to 70 makes up the relay. Standing L to R: John Silmer 32, Dick Bennett 47, Carl Yates 50, Carol Macpherson - coach, Aldo da Rosa 58, Cindy Baxter - coach, Bob Blake 70: and front row: Roger von Oech 29, Melford Kirkeby 65, Ed Blackledge 61 and Kent Pricit 39.

2. 1977 U.S.A. National Masters L.C. Championships, Spokane, WA - Willy van Rysel of England with her 3 gold and 2 silver medals. 200 M back, 100 M back, 50 M free, 400 M free, 1500 M free.

3. NATIONAL 65+ 200 yard MEDLEY RELAY record holders - LONG BEACH MASTERS - 1 to r: Leonard Chapin - free, Rufus Clark - breast, Tom Monahan - back and Al Guth - fly. Tom Monahan also holds the 50 yd back record.

4. Al Allen, veteran Washington DC swimmer, representing Capital East Masters - a top winner in butterfly and breaststroke in the York meet.

5. NOT-BAD-COULD-BE-BETTER - reaction of Nautilus Aquatic Club's Las Finnegan at York meet.

6. The winning host team at the York meet - the well-coached YORK YMCA MASTERS TEAM.



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1976-1977 A.A.U. NATIONAL 10 BEST TIMES

Compiled by: TED HAARTZ, Records; ED REED, Men's Top Ten, ENID UHRICH, Women's Top Ten

* NEW RECORD 1977

WOMEN 25-29

50 MTR FREESTYLE

Record: E. Morris '75)
S. Byrne '76) 29.30

- 1 L. Skrifvars 26 29.66
- 2 B. Dunbar 28 29.78
- 3 S. Tufts 29.80
- 4 M. Middel 27 29.85
- 5 M. Brems 28 30.29
- 6 G. Gurland 28 30.30
- 7 S. Spencer-Horne 26 30.32
- 8 S. Byrne 27 30.40
- 9 J. Stewart 28 31.00
- 10 S. Tandy 28 31.22

100 MTR FREESTYLE

Record: S. Byrne '76 1:04.97

- 1 L. Skrifvars 26 1:05.41
- 2 M. Brems 28 1:06.30
- 3 B. Dunbar 28 1:06.30
- 4 S. Tufts 1:06.90
- 5 S. Byrne 27 1:06.90
- 6 S. Spencer-Horne 26 1:07.95
- 7 M. Middel 27 1:08.13
- 8 S. Horner 26 1:08.31
- 9 C. Ruppert 26 1:08.70
- 10 M. Ryan 27 1:08.80

200 MTR FREESTYLE

Record: M. Brems '74 2:22.63

- 1 M. Brems 28 2:22.63
- 2 S. Tufts 2:26.70
- 3 P. Moffat 26 2:27.43
- 4 N. Ryan 27 2:28.20
- 5 D. Blair 25 2:32.46
- 6 M. Middel 27 2:32.49
- 7 G. Drake 27 2:35.29
- 8 M. Richison 29 2:37.60
- 9 S. Spencer-Horne 26 2:37.92
- 10 K. King 29 2:39.40

400 MTR FREESTYLE

Record: M. Brems '74 4:59.18*

- 1 L. Skrifvars 26 5:05.57
- 2 S. Tufts 5:18.20
- 3 A. Graham 26 5:18.26
- 4 B. Lindley 25 5:18.70
- 5 M. Ryan 27 5:18.90
- 6 G. Drake 27 5:21.89
- 7 V. Fisher 27 5:23.17
- 8 S. Byrne 27 5:24.00
- 9 J. Stewart 28 5:27.00

1500 MTR FREESTYLE

Record: A. Grams '76 19:50.66

- 1 L. Bell 27 20:14.39
- 2 M. Brems 28 20:19.04
- 3 B. Dunbar 28 20:39.98
- 4 A. Graham 26 21:00.58
- 5 V. Fisher 26 21:17.54
- 6 G. Drake 27 21:20.22
- 7 J. Stewart 28 21:38.20
- 8 J. Menard 29 22:28.99
- 9 S. Tandy 28 22:59.55
- 10 J. May 29 23:01.60

50 MTR BACKSTROKE

Record: L. Skrifvars 26 33.91*

- 2 B. Camner 28 35.82
- 3 S. Tufts 36.60
- 4 B. Dunbar 28 37.10
- 5 M. Rose 28 37.12
- 6 P. Moffat 26 37.81
- 7 S. Byrne 26 38.00
- 8 J. Stewart 28 38.30
- 9 J. Gettling 29 39.00
- 10 G. McCorkle 27 39.30

100 MTR BACKSTROKE

Record: L. Skrifvars 26 1:13.40*

- 2 B. Camner 28 1:17.01
- 3 M. Middel 27 1:19.04
- 4 M. Brems 28 1:20.97
- 5 S. Tufts 1:21.50
- 6 M. Rose 28 1:21.60
- 7 V. Huseman 25 1:24.01
- 8 P. Moffat 26 1:24.21
- 9 S. Snyder 28 1:25.78
- 10 J. Gettling 29 1:25.99

200 MTR BACKSTROKE

Record: L. Skrifvars 26 2:41.40*

- 2 M. Brems 28 2:47.64
- 3 B. Camner 28 2:50.82
- 4 S. Walsh 28 2:59.86
- 5 V. Huseman 25 3:00.93
- 6 D. Blair 25 3:02.66
- 7 M. Rose 28 3:03.37
- 8 D. Newmayer 25 3:06.44
- 9 P. Moffat 26 3:08.88
- 10 S. Schaffer 29 3:10.00

50 MTR BREASTSTROKE

Record: D. Barnhard '74 38.30

- 1 J. Gettling 29 38.59
- 2 B. Dunbar 28 39.30
- 3 S. Horner 26 39.58
- 4 C. Parrish 26 39.70
- 5 M. Phelan 25 39.80
- 6 G. Gurland 28 39.96
- 7 G. Dummer 26 43.11
- 8 M. Morey 26 43.18
- 9 J. Goodrich 26 43.52
- 10 S. Byrne 26 44.00

100 MTR BREASTSTROKE

Record: D. Barnhard '74 1:21.07

- 1 J. Gettling 29 1:25.00
- 2 L. Bell 27 1:25.08
- 3 C. Parrish 26 1:25.50
- 4 M. Phelan 25 1:25.87

5 S. Spencer-Horne 26 1:26.48

6 S. Roy 29 1:26.64

7 A. Belknap 1:28.10

8 B. Anderson 1:28.50

9 G. Gurland 28 1:28.84

10 G. Drake 27 1:31.20

200 MTR BREASTSTROKE

Record: D. Barnhard '74 3:00.47

Record: J. Katz '76 3:06.10

2 L. Bell 27 3:08.45

3 S. Horner 26 3:09.72

4 G. Drake 27 3:10.66

5 C. Parrish 26 3:11.10

6 S. Spencer-Horne 26 3:11.55

7 J. Gettling 29 3:12.76

8 A. Belknap 3:16.92

9 G. Gurland 28 3:17.37

10 V. Fisher 26 3:22.58

50 MTR BUTTERFLY

Record: S. Sargeant '74 31.30

1 M. Middel 27 31.96

2 S. Walsh 28 32.05

3 J. Stewart 28 32.50

4 B. Dunbar 28 32.65

5 S. Tufts 32.80

6 M. Brems 28 33.17

7 S. Byrne 27 33.40

8 J. Gettling 29 33.41

9 C. Ruppert 26 33.80

10 P. Harris 29 34.20

100 MTR BUTTERFLY

1 L. Bell 27 1:09.50*

2 S. Walsh 28 1:11.26

3 B. Dunbar 28 1:12.00

4 J. Stewart 28 1:13.50

5 S. Byrne 26 1:15.40

6 J. Gettling 29 1:16.50

7 P. Harris 29 1:18.00

8 K. Duncan 29 1:18.79

9 C. Parrish 26 1:21.50

10 C. Engelhardt 27 1:23.17

200 MTR BUTTERFLY

1 B. Dunbar 28 2:41.59*

2 K. Duncan 29 2:49.89

3 J. Stewart 28 2:52.60

4 M. Brems 28 2:57.70

5 C. Engelhardt 27 3:00.40

6 P. Harris 29 3:08.20

7 J. Krauser 26 3:22.80

8 J. May 29 3:30.00

9 G. Dummer 26 3:36.80

10 S. Eilsberry 26 3:52.55

200 MTR INDIVIDUAL MEDLEY

1 L. Bell 27 2:42.58*

2 M. Brems 28 2:43.77

3 B. Dunbar 28 2:48.60

4 S. Walsh 28 2:49.13

5 S. Tufts 2:50.90

6 S. Byrne 26 2:52.50

7 L. Skrifvars 26 2:53.70

8 D. Blair 25 2:55.41

9 G. Drake 27 2:56.21

10 J. Menard 29 3:00.90

400 MTR INDIVIDUAL MEDLEY

1 M. Brems 28 5:48.50

2 D. Blair 25 6:06.89

3 A. Graham 26 6:14.85

4 K. Duncan 29 6:16.69

5 S. Schaffer 29 6:20.40

6 J. Stewart 28 6:23.50

7 J. Gettling 29 6:25.40

8 J. Menard 29 6:33.94

9 C. Engelhardt 27 6:36.33

10 S. Snyder 28 6:40.10

WOMEN 30-34

50 MTR FREESTYLE

Record: D. Todd '75 29.76

1 D. Todd 33 30.00

2 S. A. Peterson 30 30.43

3 A. Grams 30 30.74

4 M. Frank 30 31.27

5 B. Edwards 32 31.44

6 I. David 33 31.65

7 L. Johnson 30 31.84

8 D. Barnhard 30 32.00

9 A. Brown 30 32.10

10 J. Katz 34 32.50

100 MTR FREESTYLE

1 A. Grams 30 1:06.23*

2 S. A. Peterson 30 1:07.61

3 L. Johnson 30 1:07.66

4 D. Todd 33 1:08.30

5 M. Frank 30 1:10.17

6 B. Edwards 32 1:11.84

7 J. Katz 34 1:11.97

8 K. Duncan 30 1:12.15

9 I. David 33 1:13.79

10 B. Bennett 34 1:14.39

200 MTR FREESTYLE

1 A. Grams 30 2:22.92*

2 J. Katz 34 2:30.58

3 L. Johnson 30 2:30.96

4 K. Duncan 30 2:33.89

5 S. A. Peterson 30 2:33.99

6 B. Edwards 32 2:39.96

7 S. Dillis 32 2:42.57

8 J. MacFarlane 34 2:43.59

9 L. Woodman 34 2:43.80

10 I. David 33 2:46.73

400 MTR FREESTYLE

1 A. Grams 30 5:01.50*

2 J. Katz 34 5:16.40

3 L. Johnson 30 5:20.81

4 K. Duncan 30 5:26.75

5 S. Dillis 32 5:41.90

6 J. MacFarlane 34 5:44.43

7 I. David 33 5:50.63

8 B. Edwards 32 5:58.08

9 S. Antonchuk 32 6:00.12

10 L. Woodman 34 6:05.36

1500 MTR FREESTYLE

Record: J. Katz '76 20:39.41

1 J. Katz 34 20:39.67

2 C. Brown 32 22:27.62

3 J. MacFarlane 34 22:29.44

4 M. Frank 30 22:33.89

5 S. A. Peterson 30 23:00.37

6 S. Dillis 32 23:15.84

7 S. Antonchuk 32 23:22.24

8 I. David 33 23:24.57

9 J. Murphy 33 23:52.90

10 J. Howe 32 25:08.70

50 MTR BACKSTROKE

Record: F. McCullough '75 34.58

1 M. Frank 30 36.86

2 J. Trench 33 38.30

3 L. Johnson 30 38.91

4 B. Bennett 34 39.16

5 J. Katz 34 40.20

6 J. Keller 33 40.20

7 J. Hardy 33 41.68

8 S. A. Peterson 30 42.08

9 C. Lane 30 42.20

10 S. Husson 33 42.50

100 MTR BACKSTROKE

Record: J. Parks '76 1:16.88

1 M. Frank 30 1:21.19

2 J. Katz 34 1:26.55

3 J. Keller 33 1:26.60

4 B. Bennett 34 1:26.69

5 S. Coolidge 30 1:28.10

6 J. Trench 33 1:28.10

7 B. Edwards 32 1:30.94

8 J. Hardy 33 1:31.05

9 S. Antonchuk 33 1:31.79

10 J. Chastain 31 1:32.30

200 MTR BACKSTROKE

Record: J. Parks '76 2:48.07

1 M. Frank 30 2:55.74

2 J. Katz 34 2:56.36

3 L. Johnson 30 2:56.89

4 C. Brown 32 3:00.49

5 C. Childester 32 3:07.50

6 S. Coolidge 30 3:08.80

7 S. Goolidge 30 3:10.68

8 B. Bennett 34 3:11.10

9 J. Trench 33 3:15.07

10 J. Chastain 31 3:15.07

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4 A. McGuire 42	34.57
5 J. Leppert	34.61
6 L. Stoinoff 44	34.80
7 R. VanEgmond 41	35.40
8 L. Hoey 42	35.49
9 N. Whitehall 43	35.80
10 S. Garratt 40	35.97
100 MTR FREESTYLE	
Record: H. Buss '76	1:10.67
1 J. Correa 41	1:11.60
2 J. Bruner 43	1:15.10
3 H. Buss	1:15.60
4 L. Stoinoff 44	1:18.00
5 B. Zaremski 40	1:18.48
6 N. Whitehall 43	1:20.62
7 J. Lamott 41	1:21.00
8 J. Leppert	1:21.28
9 A. LeMaire	1:22.11
10 B. Jordan 40	1:22.68
200 MTR FREESTYLE	
Record: H. Buss '76	2:35.00
1 H. Buss	2:36.70
2 J. Correa 41	2:36.26
3 L. Stoinoff 44	2:52.40
4 B. Zaremski 40	2:59.80
5 R. Jones 43	3:00.95
6 N. Brown 41	3:01.60
7 N. Whitehall 43	3:02.52
8 J. Lamott 41	3:04.10
9 J. Leppert	3:05.07
10 D. Werry 40	3:06.90
400 MTR FREESTYLE	
Record: H. Buss '76	5:22.40
1 H. Buss	5:36.20
2 L. Stoinoff 44	6:17.36
3 R. Jones 43	6:19.42
4 B. Jordan 40	6:21.12
5 A. McGuire 42	6:21.79
6 N. Brown 41	6:24.00
7 B. Zaremski 40	6:24.70
8 J. Bruner 43	6:31.20
9 N. Whitehall 43	6:31.39
10 S. Garratt 40	6:35.63
1500 MTR FREESTYLE	
Record: H. Buss '76	21:33.78
1 R. Jones 43	24:54.20
2 L. Stoinoff 44	25:10.90
3 N. Whitehall 43	25:52.80
4 L. Hoey 42	26:43.30
5 C. Morton 41	27:55.17
6 M. Dellinger 41	28:30.89
7 T. Seldon 41	28:57.50
8 J. Puleston 42	29:04.18
9 S. Behler 43	30:58.30
10 L. Stringfellow 42	33:55.10
50 MTR BACKSTROKE	
Record: P. Breesee '76	38.10
1 J. Bruner 43	41.69
2 R. VanEgmond 41	41.90
3 N. Brown 41	42.30
4 S. Holliday 43	43.03
5 C. Wilson 42	43.24
6 J. Lamott 41	43.70
7 A. Champ 41	43.98
8 B. Zaremski 40	44.84
9 M. Aker 41	44.88
10 R. Jones 43	45.14
100 MTR BACKSTROKE	
Record: P. Breesee '76	1:24.30
1 J. Bruner 43	1:25.48
2 B. Jordan 40	1:26.30
3 C. Wilson 42	1:35.14
4 A. Champ 41	1:35.33
5 S. Holliday 43	1:37.69
6 R. VanEgmond 41	1:38.30
7 R. Jones 43	1:38.86
8 J. Lamott 41	1:40.00
9 B. Zaremski 40	1:40.30
10 M. Aker 41	1:40.39
200 MTR BACKSTROKE	
1 B. Jordan 40	3:01.75*
2 J. Correa 41	3:02.68
3 N. Brown 41	3:26.40
4 R. Jones 43	3:26.57
5 A. Champ 41	3:28.15
6 C. Wilson 42	3:30.30
7 S. Holliday 43	3:32.78
8 J. Lamott 41	3:36.10
9 R. VanEgmond 41	3:37.20
10 M. Aker 41	3:41.56
50 MTR BREASTSTROKE	
Record: A. McGuire '76	41.89
1 A. McGuire 42	42.45
2 J. Bruner 43	44.50
3 B. Culbertson 40	44.70
4 R. VanEgmond 41	45.40
5 L. Hoey 42	46.95
6 C. Saragino 40	47.50
7 R. Jones 43	48.63
8 M. Hemphill 41	50.30
9 A. Pipes 43	51.00
10 J. Parker 41	51.13
100 MTR BREASTSTROKE	
Record: A. McGuire '76	1:33.86
1 A. McGuire 42	1:33.98
2 J. Bruner 43	1:38.36
3 R. VanEgmond 41	1:38.70
4 B. Culbertson 40	1:39.60
5 J. Sterling 40	1:41.47
6 C. Saragino 40	1:44.20
7 L. Hoey 42	1:45.03
8 R. Jones 43	1:46.39
9 M. Dellinger 41	1:50.06
10 B. Callison 44	1:50.70
200 MTR BREASTSTROKE	
1 A. LeMaire	3:21.17*
2 A. McGuire 42	3:36.15
3 J. Bruner 43	3:36.63
4 B. Culbertson 40	3:39.06
5 L. Hoey 42	3:43.63
6 R. Jones 43	3:50.50
7 D. Edelbaum 44	3:55.93
8 B. Callison 44	3:57.30

9 M. Hemphill 42	3:58.10
10 M. Dellinger 41	4:02.68
50 MTR BUTTERFLY	
Record: P. Breesee '76	34.40
1 N. Whitehall 43	38.39
2 B. Jordan 40	39.10
3 J. Bruner 43	39.60
4 N. Brown 41	40.30
5 J. Lamott 41	41.00
6 A. McGuire 42	41.26
7 B. Zaremski 40	43.45
8 S. Garratt 40	43.45
9 B. Callison 44	43.54
10 R. Jones 43	44.57
100 MTR BUTTERFLY	
Record: H. Buss '76	1:24.25
1 H. Buss	1:26.80
2 A. McGuire 42	1:32.10
3 B. Jordan 40	1:38.50
4 J. Lamott 41	1:41.10
5 B. Zaremski 40	1:46.55
6 B. Callison 44	1:47.66
7 M. Dellinger 41	1:47.76
8 D. Edelbaum 44	1:48.30
9 D. Werry 40	1:49.60
10 A. Pipes 43	1:50.80
200 MTR BUTTERFLY	
Record: H. Buss '76	3:05.80
1 H. Buss	3:14.30
2 A. McGuire 42	3:21.40
3 A. Pipes 43	4:05.29
4 B. Callison 44	4:07.00
5 E. Debes 41	4:17.72
6 D. Edelbaum 44	4:18.19
7 R. Jones 44	4:40.70
200 MTR INDIVIDUAL MEDLEY	
Record: G. Roper '73	3:06.13
1 H. Buss	3:13.80
2 A. McGuire 42	3:18.92
3 B. Jordan 40	3:19.10
4 N. Brown 41	3:21.10
5 B. Zaremski 40	3:27.90
6 R. Jones 43	3:28.16
7 J. Bruner 43	3:28.84
8 J. Lamott 41	3:31.80
9 D. Werry 40	3:33.10
10 S. Garratt 40	3:35.05
400 MTR INDIVIDUAL MEDLEY	
Record: H. Buss '76	6:26.90
1 H. Buss	6:35.20
2 N. Brown 41	7:00.80
3 S. McGuire 42	7:07.87
4 A. Champ 41	7:35.94
5 R. Jones 43	7:36.54
6 M. Hemphill 41	7:44.90
7 B. Callison 44	7:54.50
8 B. Zaremski 40	7:54.80
9 D. Edelbaum 44	8:10.03
10 M. Rasmussen 42	8:23.82
WOMEN 45-49	
50 MTR FREESTYLE	
Record: G. Roper '74	32.40
1 H. Palmer 47	34.39
2 J. Smith 46	39.74
3 B. Reeves 47	35.39
4 G. Gatch 48	35.63
5 D. Mann 45	35.90
6 P. Clinton 49	36.04
7 A. Adams 49	36.32
8 J. Anderson 47	37.82
9 J. Wolter 48	38.64
10 D. Haussler 46	38.69
100 MTR FREESTYLE	
Record: G. Roper '74	1:09.85
1 J. Smith 46	1:18.39
2 H. Palmer 47	1:18.41
3 A. Adams 49	1:19.49
4 D. Mann 45	1:22.86
5 O. Gatch 48	1:24.49
6 A. Stanfel 46	1:26.44
7 J. McIntyre 48	1:29.47
8 J. Wolter 48	1:31.49
9 B. Smith 46	1:32.69
10 D. Haussler 46	1:32.92
200 MTR FREESTYLE	
Record: G. Roper '74	2:38.20
1 H. Palmer 47	2:58.74
2 A. Adams 49	2:59.56
3 J. Smith 46	3:04.40
4 A. Stanfel 46	3:08.96
5 J. Anderson 47	3:13.71
6 P. Clinton 49	3:16.60
7 J. McIntyre 48	3:23.43
8 P. Puckett 45	3:23.77
9 H. Graef 45	3:28.96
10 D. Haussler 46	3:34.25
400 MTR FREESTYLE	
Record: G. Roper '74	5:36.70
1 H. Palmer 47	6:26.45
2 A. Adams 49	6:28.66
3 E. Gruender 48	6:35.80
4 J. Smith 46	6:40.87
5 C. Baxter 45	6:43.45
6 P. Clinton 49	6:49.06
7 J. Anderson 47	6:56.88
8 J. McIntyre 48	7:04.61
9 M. Graef 45	7:08.61
10 P. Buchanan 45	7:11.43
1500 MTR FREESTYLE	
Record: G. Roper '74	23:01.60
1 H. Palmer 47	25:40.55
2 A. Adams 49	25:42.40
3 C. Baxter 45	25:55.39
4 A. Stanfel 46	26:31.50
5 J. Smith 46	26:33.86
6 P. Clinton 49	27:24.70
7 P. Buchanan 45	29:17.96
8 B. Odone 48	29:42.40
10 T. Bolster 49	30:32.44

50 MTR BACKSTROKE	
Record: G. Roper '74	39.70
1 B. Turcotte 49	42.42
2 E. Gruender 48	43.40
3 A. Adams 49	44.65
4 C. Bruce 47	45.00
5 D. Mann 45	45.23
6 A. Stanfel 46	46.09
7 J. Smith 46	46.21
8 J. McIntyre 48	48.01
9 P. Puckett 45	48.70
10 M. Meserve 48	49.00
10 M. Graef 45	49.00
100 MTR BACKSTROKE	
Record: B. Reeve '76	1:26.14
1 B. Reeve 47	1:29.98
2 B. Turcotte 49	1:34.85
3 C. Baxter 45	1:35.74
4 A. Adams 49	1:37.20
5 J. McIntyre 48	1:41.39
6 T. Smith 46	1:41.60
7 J. Bolster 49	1:42.09
8 P. Clinton 49	1:42.35
9 D. Mann 45	1:42.77
10 C. Bruce 47	1:44.20
200 MTR BACKSTROKE	
Record: B. Reeve '76	3:07.02
1 B. Reeve 47	3:10.00
2 C. Baxter 45	3:24.81
3 A. Adams 49	3:28.48
4 B. Turcotte 49	3:28.61
5 P. Clinton 49	3:31.47
6 J. Smith 46	3:34.06
7 J. McIntyre 48	3:39.07
8 E. Rogers 49	3:43.17
9 M. Graef 45	3:44.15
10 M. Meserve 48	3:48.48
50 MTR BREASTSTROKE	
Record: G. Roper '74	43.00
1 A. Stanfel 46	45.13
2 J. Smith 46	46.22
3 A. Adams 49	47.71
4 M. Graef 45	48.50
5 V. Ackerman 49	48.92
6 C. Bruce 47	49.70
7 P. Puckett 45	49.81
8 J. Reed	50.00
9 J. Wolter 48	50.66
10 E. Rogers 49	51.66
100 MTR BREASTSTROKE	
Record: G. Roper '74	1:29.80
1 A. Stanfel 46	1:39.89
2 J. Smith 46	1:40.65
3 P. Puckett 45	1:45.00
4 V. Ackerman 49	1:46.53
5 J. Reed	1:47.50
6 T. Bolster 49	1:48.40
7 B. Adams 49	1:49.30
8 E. Rogers 49	1:49.61
9 G. Gladwell 46	1:51.26
10 M. Tierney	1:54.15
200 MTR BREASTSTROKE	
Record: G. Roper '74	3:15.85
1 A. Stanfel 46	3:32.36
2 J. Smith 46	3:45.04
3 A. Adams 49	3:50.39
4 P. Puckett 45	3:52.00
5 T. Bolster 49	3:53.85
6 H. Palmer 47	3:55.79
7 J. Reed	3:56.20
8 E. Rogers 49	3:58.67
9 G. Gladwell 46	4:12.01
10 C. Harris 45	4:19.24
50 MTR BUTTERFLY	
Record: G. Roper '74	36.00
1 A. Adams 49	39.79
2 B. Reeve 47	40.42
3 J. Smith 46	41.73
4 A. Stanfel 46	43.73
5 B. Smith 46	43.80
6 P. Buchanan 45	45.30
7 J. Anderson 47	47.36
8 H. Palmer 47	45.50
9 B. Turcotte 49	47.70
10 M. Graef 45	48.30
100 MTR BUTTERFLY	
Record: G. Roper '74	1:21.32
1 A. Adams 49	1:42.50
2 A. Stanfel 46	1:44.86
3 C. Baxter 45	1:45.64
4 E. Gruender 48	1:46.60
5 T. Bolster 49	1:50.51
6 J. Anderson 47	1:55.11
7 H. Palmer 47	1:55.30
8 E. Rogers 49	2:01.62
9 B. Odone 48	2:15.81
10 J. Twight 46	2:21.13
200 MTR BUTTERFLY	
Record: G. Roper '74	3:16.40
1 A. Adams 49	3:42.33
2 C. Baxter 45	3:45.40
3 A. Stanfel 46	3:52.80
4 T. Bolster 49	3:56.58
5 E. Rogers 49	4:12.40
6 J. McIntyre 48	4:26.06
7 B. Odone 48	5:06.10
8 A. Neumann 47	6:13.10
200 MTR INDIVIDUAL MEDLEY	
Record: G. Roper '74	2:55.61
1 B. Reeve 47	3:17.30
2 A. Adams 49	3:21.01
3 J. Smith 46	3:33.74
4 H. Palmer 47	3:38.32
5 T. Bolster 49	3:42.00
6 E. Rogers 49	3:47.45
7 J. Anderson 47	3:48.40
8 M. Graef 45	3:49.50
9 B. Smith 46	3:50.10
10 P. Puckett 45	3:51.30
400 MTR INDIVIDUAL MEDLEY	
Record: G. Roper '74	6:29.10
1 B. Reeve 47	7:07.20
2 C. Baxter 45	7:16.50

3 A. Adams 49	7:21.22
4 A. Stanfel 46	7:27.40
5 T. Bolster 49	7:45.14
6 P. Buchanan 45	7:50.55
7 E. Rogers 49	7:53.50
8 H. Palmer 47	8:01.62
9 J. McIntyre 48	8:15.39
10 B. Odone 48	9:28.20
WOMEN 50-54	
50 MTR FREESTYLE	
Record: D. Donnelly '74	34.85
1 B. Bennett 50	35.06
2 J. Merryman 54	36.50
3 D. LaChasse 53	36.62
4 M. Wolfe 51	36.63
5 M. Dotson 50	37.70
6 B. Turcotte 50	37.80
7 C. Costello 54	38.30
8 R. Dickerson 52	39.11
9 J. Krauser 51	39.51
100 MTR FREESTYLE	
Record: D. Donnelly '74	1:17.45
1 A. Cuneo 51	1:20.37
2 B. Bennett 50	1:22.38
3 S. Erickson 53	1:23.36
4 B. Turcotte 50	1:24.62
5 C. Costello 54	1:25.00
6 M. Wolfe 51	1:25.19
7 J. Krauser 50	1:26.55
8 P. Dotson 50	1:29.40
9 R. Dickerson 52	1:29.57
10 J. Merryman 54	1:29.70
200 MTR FREESTYLE	
Record: D. Resstigule '76	2:56.80
1 J. Krauser 50	3:00.88
2 B. Bennett 50	3:06.92
3 S. Erickson 53	3:11.30
4 P. Dotson 50	3:13.24
5 M. Wolfe 51	3:14.04
6 R. Dickerson 52	3:15.47
7 B. Turcotte 50	3:17.85
8 C. Costello 54	3:23.70
9 J. Merryman 54	3:24.60
10 Z. Griffin 54	3:29.09
400 MTR FREESTYLE	
Record: J. Krauser '76	6:09.52
1 J. Krauser 50	6:17.65
2 S. Erickson 53	6:30.00
4 B. Turcotte 50	6:42.49
5 M. Wolfe 51	6:47.71
6 P. Dotson 50	6:53.23
7 R. Dickerson 52	6:54.80
8 R. Dickerson 52	6:56.68
9 C. Costello 54	7:14.40
8 C. Costello 54	7:31.11
10 J. Reed	

4 Z.Taft 57	49.10	3 J.Osborne 60	39.80
5 B.Crowell 57	49.43	4 W.VanRysel 61	40.63
6 V.Gest 58	49.47	5 G.McCarthy 54	41.20
7 M.George 59	51.40	6 M.George 60	44.70
8 J.McCollister 58	51.47	7 J.Durston 62	46.64
9 P.Pickens	52.30	8 E.McKeon 63	47.06
10 J.Abbott 57	53.16	9 S.Marsh 62	49.25
100 MTR BACKSTROKE		10 M.Sielski 61	50.23
Record: J.Pieretti '75	1:42.17	100 MTR FREESTYLE	
1 D.Donnely 55	1:42.55	Record: Musselman '76	1:25.86
2 N.Phillips 56	1:44.95	1 D.Musselman 64	1:27.90
3 J.Pieretti 57	1:45.47	2 G.McCarthy 64	1:42.10
4 Z.Taft 57	1:48.00	3 M.George 60	1:42.13
5 V.Gest 58	1:54.00	4 J.Durston 62	1:48.51
6 P.Pickens	1:54.20	5 M.Sielski 61	1:54.73
7 B.Crowell 57	1:55.07	6 M.Reeves 60	1:57.84
8 J.Abbott 57	1:58.10	7 S.Marsh 62	1:57.84
9 S.Durran 55	2:00.09	8 G.Deal 64	2:01.59
10 M.Jennings 57	2:00.23	9 L.Holm 62	2:03.60
200 MTR BACKSTROKE		10 E.Holl 60	2:04.44
1 N.Phillips 56	3:45.23*	200 MTR FREESTYLE	
2 Z.Taft 57	3:54.00	Record: Musselman '76	3:23.47
3 B.Crowell 57	4:03.26	1 J.Osborne 60	3:32.20
4 P.Pickens	4:09.20	2 J.Durston 62	3:48.83
5 V.Gest 58	4:10.43	3 M.George 60	3:52.72
6 J.Hargreaves 58	4:16.63	4 E.McKeon 63	3:58.50
7 M.Jennings 57	4:20.57	5 M.Sielski 61	4:12.42
8 J.Abbott 57	4:30.40	6 M.Reeves 60	4:12.70
9 S.Durran 55	4:37.50	7 M.McCarthy 64	4:22.90
10 M.Jorgensen 57	4:41.01	8 G.Deal 64	4:23.19
50 MTR BREASTSTROKE		9 L.Holm 62	4:28.90
Record: N.Pessel '76	49.70	10 F.Sidorsky 60	4:33.50
1 N.Pessel 57	50.20	400 MTR FREESTYLE	
2 D.Donnely 55	53.60	Record: J.Osborne '76	7:25.25
3 R.Schiffler 56	54.00	1 D.Musselman 64	7:29.90
4 V.Thompson 59	55.95	2 J.Osborne 61	7:31.91
5 M.Carson 57	58.00	3 W.VanRysel 61	7:54.80
6 B.Dendy 56	58.59	4 J.Durston 62	8:04.24
7 Z.Taft 58	59.31	5 M.George 60	8:06.35
8 E.McKeon	1:00.60	6 G.McCarthy 64	8:38.60
9 B.Turley	1:00.88	7 M.Reeves 60	8:38.71
10 M.George 59	1:00.90	8 M.Sielski 61	8:54.34
100 MTR BREASTSTROKE		9 G.Deal 64	9:01.43
Record: N.Pessel '76	1:42.18	10 S.Rehman 64	9:06.19
1 N.Pessel 57	1:47.20	1500 MTR FREESTYLE	
2 R.Schiffler 56	1:57.90	1 J.Osborne 61	29:09.80*
3 W.Underlich 58	2:01.68	2 M.Brown 60	29:44.90
4 T.Dickinson 55	2:02.18	3 W.VanRysel 61	30:29.63
5 V.Thompson 59	2:02.68	4 M.George 60	31:12.39
6 B.Dendy 56	2:05.10	5 J.Durston 63	32:02.60
7 M.Carson 57	2:10.00	6 L.Holm 62	35:05.73
8 E.Green 57	2:16.43	7 S.Rehman 64	36:07.40
9 Z.Taft 58	2:16.65	8 G.McCarthy 64	37:18.00
10 B.Turley	2:22.50	9 J.Meserve 62	37:32.11
200 MTR BREASTSTROKE		10 S.Marsh 62	37:50.68
Record: N.Pessel '76	3:34.85	50 MTR BACKSTROKE	
1 V.Thompson 59	4:21.24	1 D.Musselman 64	47:50*
2 T.Dickinson 55	4:27.12	2 V.Andresen 60	48.90
3 R.Underlich 58	4:34.40	3 G.McCarthy 64	48.90
4 M.Carson 57	4:40.71	4 M.George 60	51.71
5 Z.Taft 58	4:47.39	5 S.Marsh 62	55.23
6 M.Jennings 57	5:05.91	6 E.McKeon 63	57.28
7 B.Turley	5:12.97	7 M.Jewett 62	57.94
8 L.Peterson 58	5:19.54	8 G.Deal 64	1:01.11
9 D.Stewart 56	5:28.61	9 M.Anderson 62	1:01.30
10 M.Schmahl 56	5:32.60	10 M.Reeves 60	1:02.02
50 MTR BUTTERFLY		100 MTR BACKSTROKE	
Record: J.Eppley '76	43.84	Record: Musselman '76	1:44.68
1 J.Eppley 57	45.89	1 D.Musselman 64	1:47.70
2 V.Thompson 59	45.92	2 W.VanRysel 61	1:48.49
3 B.Dendy 56	53.02	3 M.George 60	2:02.27
4 R.Schiffler 56	54.71	4 G.McCarthy 64	2:05.80
5 Z.Taft 58	57.41	5 S.Marsh 62	2:10.56
6 R.Simonton 59	57.94	6 M.Jewett 62	2:16.22
7 M.George 59	58.40	7 M.Anderson 63	2:19.30
8 A.Hottlinger 58	58.88	8 M.Reeves 60	2:20.12
9 R.Underlich 58	59.90	9 M.Roumasset 62	2:22.02
10 M.Carson 56	1:03.20	10 F.Sidorsky 60	2:24.30
100 MTR BUTTERFLY		200 MTR BACKSTROKE	
Record: J.Eppley '76	1:47.99	Record: Musselman '76	3:57.74
1 J.Eppley 57	1:51.28	1 W.VanRysel 61	3:53.57
2 V.Thompson 59	2:01.70	2 M.George 60	4:21.88
3 D.Donnely 55	2:05.36	3 G.McCarthy 64	4:22.00
4 R.Simonton 59	2:12.07	4 P.Matthiesen 61	4:30.08
5 Z.Taft 57	2:15.28	5 M.Jewett 62	4:44.11
6 R.Underlich 58	2:21.48	6 S.Marsh 62	4:45.10
7 M.DeCarlo 56	3:15.32	7 M.Anderson 63	4:51.31
8 E.Stevenin 55	3:22.86	8 G.Deal 64	4:59.03
9 M.Schmahl 56	3:43.22	9 L.Holm 62	5:08.34
10 R.Stewart 59	3:59.14	10 J.Meserve 62	5:11.12
200 MTR BUTTERFLY		50 MTR BREASTSTROKE	
1 J.Eppley 57	4:08.52*	Record: M.Anderson '75	49.40
2 R.Simonton 59	4:33.13	1 V.Andresen 60	54.80
3 Z.Taft 57	4:49.60	2 E.Sandeman 64	55.46
4 M.DeCarlo 56	6:23.40	3 M.Anderson 62	57.28
5 E.Stevenin 55	7:45.50	4 M.Jewett 62	59.13
200 MTR INDIVIDUAL MEDLEY		5 M.George 60	1:01.05
Record: D.Ressigule '76	3:29.39	6 J.Durston 62	1:04.88
1 D.Donnely 55	3:52.64	7 F.Sidorsky 60	1:05.60
2 J.Eppley 57	4:00.14	8 M.Roumasset 62	1:09.77
3 R.Simonton 59	4:05.90	9 G.Deal 64	1:11.00
4 V.Thompson 59	4:06.58	10 R.Ridenour 62	1:21.15
5 Z.Taft 57	4:10.75	100 MTR BREASTSTROKE	
6 M.George 59	4:20.70	Record: M.Anderson '75	1:52.50
7 M.Jennings 57	4:34.32	1 E.Sandeman 64	2:05.44
8 R.Underlich 58	4:34.44	2 M.Anderson 62	2:08.24
9 U.Stewart 56	5:02.50	3 M.George 60	2:08.97
10 M.Jorgensen 57	5:03.19	4 P.Matthiesen 61	2:13.33
400 MTR INDIVIDUAL MEDLEY		5 J.Meserve 62	2:15.49
Record: D.Ressigule '76	7:44.60	6 M.Jewett 62	2:19.11
1 J.Eppley 57	8:25.18	7 F.Sidorsky 60	2:23.50
2 R.Simonton 59	8:41.61	8 J.Durston 63	2:24.10
3 V.Thompson 58	8:52.95	9 M.Roumasset 62	2:25.77
4 Z.Taft 57	9:04.60	10 C.Pew 60	2:32.70
5 R.Underlich 58	10:03.48	200 MTR BREASTSTROKE	
6 M.DeCarlo 56	12:25.69	Record: M.Anderson '74	4:23.80
7 E.Stevenin 55	13:09.40	1 F.Sidorsky 60	4:06.60
WOMEN 60-64		2 E.Sandeman 64	4:28.67
50 MTR FREESTYLE		3 M.George 60	4:31.51
Record: D.Musselman '76	36.23	4 M.Anderson 62	4:39.00
1 D.Musselman 64	37.50	5 P.Matthiesen 61	4:42.75
2 V.Andresen 60	38.30	6 J.Meserve 62	4:54.66
7 M.Jewett 62	4:57.50	7 M.Jewett 62	4:57.50

8 M.Roumasset 62	5:12.70	50 MTR BREASTSTROKE	
9 R.Ratkowski	6:02.55	Record: E.John '76	59.11
10 R.Ridenour 62	6:17.56	1 E.John 67	1:02.92
50 MTR BUTTERFLY		2 E.Mattila 67	1:14.10
Record: J.Osborne '76	49.61	3 H.Offenhauser 65	1:23.00
1 J.Osborne 60	50.50	4 G.Docter 67	1:23.18
2 M.Anderson 62	59.60	5 J.Bennett 68	1:46.30
3 M.George 60	1:00.00	6 A.Patterson	1:47.20
4 J.Durston 62	1:05.10	7 R.Switzer 69	1:48.40
5 E.McKeon 63	1:07.56	100 MTR BREASTSTROKE	
6 M.Reeves 60	1:09.20	Record: C.Cress '76	2:10.06
7 G.Deal 64	1:09.76	1 B.Johnstone 67	2:30.28
8 M.Roumasset 62	1:10.56	2 B.Wayne 67	2:35.19
9 I.Holl 60	1:31.96	3 H.Offenhauser 65	3:24.00
10 C.Pew 60	1:20.10	4 G.McConkey 67	3:34.00
100 MTR BUTTERFLY		5 J.Bennett 68	3:35.30
1 J.Osborne 61	1:58.50*	6 A.Patterson	4:15.50
2 M.George 60	2:12.10	200 MTR BREASTSTROKE	
3 P.Matthiesen 61	2:16.52	Record: C.Cress '76	4:35.60
4 M.Anderson 62	2:25.20	1 B.Wayne 67	5:40.41
5 M.Roumasset 62	2:26.83	2 B.Johnstone 67	5:54.34
200 MTR BUTTERFLY		3 H.Offenhauser 65	6:27.40
Record: M.Merlino '75	4:44.05	4 J.Bennett 68	7:27.77
1 M.George 60	4:44.81	5 H.Bressie 68	7:30.30
2 M.Anderson 62	4:55.90	50 MTR BUTTERFLY	
200 MTR INDIVIDUAL MEDLEY		1 M.Merlino 65	56.67*
Record: J.Osborne '76	3:59.78	2 B.Wayne 67	1:06.42
1 J.Osborne 60	4:01.90	3 E.Goldman 66	1:09.90
2 M.George 60	4:18.89	4 J.Bennett 68	1:13.58
3 M.Anderson 62	4:43.70	5 H.Offenhauser 65	1:19.50
4 P.Matthiesen 61	4:44.17	6 R.Shepherd 68	1:22.20
5 G.Deal 64	5:05.78	7 G.Docter 67	1:23.62
6 M.Roumasset 62	5:07.70	8 R.Switzer 69	1:29.00
7 C.Pew 60	5:23.40	9 D.Cole 67	1:42.41
8 M.Reeves 60	5:23.90	100 MTR BUTTERFLY	
400 MTR INDIVIDUAL MEDLEY		1 M.Merlino 65	2:10.74*
1 M.George 60	8:59.64*	2 B.Wayne 67	2:56.34
2 M.Anderson 62	10:44.70	3 J.Bennett 68	3:06.60
3 C.Pew 60	11:00.00	4 G.Docter 67	3:27.36
WOMEN 65-69		200 MTR BUTTERFLY	
50 MTR FREESTYLE		Record: D.Cole '76	8:46.11
Record: C.Ballard '76	44.67	200 MTR INDIVIDUAL MEDLEY	
1 C.Ballard 66	46.72	1 M.Merlino 65	4:11.30*
2 K.Eschman 69	47.10	2 E.Goldman 66	5:01.20
3 K.Jagers 65	49.44	3 H.Offenhauser 65	5:10.90
4 M.Scanton 66	49.79	4 G.Docter 67	6:04.76
5 B.Johnston 67	50.08	5 J.Bennett 68	6:32.48
6 E.Goldman 66	50.10	6 R.Switzer 69	6:40.85
7 S.Sheppard 65	51.34	7 H.Bressie 68	7:48.30
8 H.Offenhauser 65	51.40	400 MTR INDIVIDUAL MEDLEY	
9 R.Switzer 69	54.39	1 D.Cole 67	12:18.95*
10 G.McConkey 67	54.45	WOMEN 70-74	
100 MTR FREESTYLE		50 MTR FREESTYLE	
Record: C.Ballard '76	1:42.48	1 H.Montgomery 70	54.34*
1 C.Ballard 66	1:47.00	2 S.Balley 71	57.89
2 S.Sheppard 65	1:50.93	3 K.Pelton 72	1:00.98
3 K.Eschman 69	1:55.50	4 R.Caplane 70	1:07.60
4 E.Goldman 66	1:57.30	5 E.Mauric 73	1:10.52
5 B.Johnston 67	1:58.17	6 E.Landon 73	1:13.70
6 H.Offenhauser 65	1:59.20	7 M.Brown 73	1:20.42
7 R.Switzer 69	2:03.05	8 E.Gray 71	1:41.70
8 R.Shepherd 68	2:03.50	9 M.Rodekop 71	1:46.40
9 M.Mueller 65	2:13.01	100 MTR FREESTYLE	
10 G.McConkey 67	2:13.69	Record: S.Balley '76	2:09.70
200 MTR FREESTYLE		1 M.McKechnie 72	2:09.92
1 C.Ballard 66	3:52.02*	2 S.Balley 71	2:11.20
2 H.Offenhauser 65	3:59.40	3 H.Montgomery 70	2:17.60
3 B.Johnston 67	4:25.72	4 E.Mauric 73	2:27.63
4 R.Shepherd 68	4:26.10	5 K.Pelton 72	2:29.70
5 R.Switzer 69	4:26.84	6 M.Zwerg 71	2:34.77
6 M.Scanton 66	4:37.19	7 R.Caplane 70	2:38.68
7 E.John 67	5:02.16	8 M.Brown 73	3:10.53
8 G.McConkey 67	5:20.74	9 E.Gray 71	3:45.10
9 G.Abraham 67	6:41.20	200 MTR FREESTYLE	
10 D.Newton 69	7:08.30	1 S.Balley 71	4:54.32*
400 MTR FREESTYLE		2 E.Somers 70	5:12.00
1 C.Ballard 66	8:10.34*	3 E.Mauric 73	5:19.23
2 H.Offenhauser 65	8:14.62	4 M.Zwerg 71	5:46.49
3 R.Switzer 69	9:15.50	5 M.Brown 73	7:06.92
4 E.Goldman 66	9:23.00	400 MTR FREESTYLE	
5 M.Mueller 65	9:29.70	1 M.McKechnie 72	9:38.03*
6 E.John 67	10:54.70	2 S.Balley 71	10:14.79
7 D.Newton 69	15:14.60	3 E.Mauric 73	10:33.64
8 H.Bressie 68	15:47.60	4 K.Pelton 71	11:28.66
50 MTR FREESTYLE		5 E.Landon 73	11:50.30
1 H.Offenhauser 65	32:51.68*	1500 MTR FREESTYLE	
2 E.Bein 67	36:08.90	1 M.McKechnie 72	38:00.01
3 D.Cole 67	37:23.04	2 E.Mauric 73	41:33.40
4 M.Mueller 65	39:55.75	3 S.Scott 70	59:36.40
5 H.Bressie 68	62:22.00	50 MTR BACKSTROKE	
50 MTR BACKSTROKE		1 H.Montgomery 70	1:01.90*
1 M.Scanton 66	58.14*	2 R.Caplane 70	1:04.60
2 H.Offenhauser 65	59.20	3 M.McKechnie 72	1:11.54
3 S.Sheppard 65	1:02.16	4 S.Scott 70	1:14.37
4 D.Cole 67	1:04.13	5 E.Mauric 73	1:29.59
5 K.Eschman 69	1:04.90	6 E.Gray 71	1:40.46
6 B.Wayne 67	1:05.05	7 S.Balley 71	2:34.15
7 M.Mueller 65	1:07.10	100 MTR BACKSTROKE	
8 E.Mattila 67	1:07.60	1 H.Montgomery 70	2:08.20*
9 J.Belshe 68	1:08.26	2 R.Caplane 70	2:30.59
10 G.McConkey 67	1:09.54	3 S.Scott 70	2:46.90
100 MTR BACKSTROKE		4 S.Somers 70	3:10.80
1 M.Merlino 65	1:56.39*	5 M.Brown 73	3:25.32
2 M.Scanton 66	2:12.82	6 E.Gray 71	3:34.30
3 H.Offenhauser 65	2:15.60	200 MTR BACKSTROKE	
4 S.Sheppard 65	2:15.64	1 M.McKechnie 72	5:01.57*
5 B.Wayne 67	2:18.76	2 R.Caplane 70	5:36.29
6 M.Mueller 65	2:20.44	3 S.Balley 71	5:49.33
7 D.Cole 67	2:24.13	4 S.Scott 70	5:57.36
8 R.Shepherd 68	2:24.90	5 E.Gray 71	7:50.24
9 K.Eschman 69	2:30.50	6 M.Brown 73	8:48.35
10 D.Jagers			

1500 MTR FREESTYLE		3 T.Hodgson 27	2:26.69	8 L.Yamahiro 30	36.60	400 MTR FREESTYLE		7 S.Robinson 37	3:16.00
Record: W.Babcock '74		4 L.Chase 29	2:29.63	9 J.Hoffman 33	36.70	Record: B.Kanner '74		8 K.Price 39	3:19.80
1 T.Spieker 29	18:39.76	5 D.Glass 25	2:29.75	10 R.Greger 32	36.80	1 P.Thompson 36		9 D.Gifford 36	3:24.02
2 A.Shestakov 28	18:54.00	6 T.Pursley 25	2:31.21	100 MTR BREASTSTROKE		2 J.Crane 35		10 M.Krieger 35	3:27.13
3 T.Hodgson 27	19:20.10	7 R.Cooley 28	2:32.81	Record: C.Jastremski '76		3 D.Hershey 36		200 MTR INDIVIDUAL MEDLEY	
4 B.Fisher 29	19:25.68	8 K.Murphy 26	2:33.00	1 M.Fitzmaurice 31		4 P.Schlup 37		1 B.Clark 35	
5 J.Atkinson 25	19:32.88	9 C.Stanbury 26	2:33.18	1 M.Fitzmaurice 31		5 C.Rogers 35		2 P.Thompson 36	
6 M.Worden 25	19:58.08	10 S.Heck 27	2:35.53	4 T.Anderson 30		6 A.Thomson 35		3 A.Cartwright 35	
7 D.Levinson 27	20:27.16	400 MTR INDIVIDUAL MEDLEY		4 T.Anderson 30		7 C.Raven 38		4 R.Williams 35	
8 T.Courtney 26	20:35.27	Record: Schlichter '76		5 J.Bayless 33		8 A.Cartwright 35		5 L.Larson 37	
9 E.Beam 25	20:52.47	1 A.Shestakov 28		6 J.Zeigler 31		9 D.Donovan 35		6 H.Roddin 35	
10 P.Larson 27	20:56.64	2 C.Stanbury 25		7 D.West 33		10 H.Hamilton 36		7 D.Gallagher 38	
50 MTR BACKSTROKE		3 T.Spieker 29		8 J.Blondi 34		1500 MTR FREESTYLE		8 T.McAbee	
Record: L.Butler '76		4 M.Worden 25		9 T.Gorski 30		1 P.Thompson 36		9 J.Crane 35	
1 F.Schlicher 27	29.15	5 W.Troxell 27		10 L.Yamahiro 31		2 P.Schlup 37		10 M.Laux 35	
2 R.Bober 26	30.50	6 W.Pugh 27		200 MTR BREASTSTROKE		3 J.Crane 35		400 MTR INDIVIDUAL MEDLEY	
3 C.Stanbury 26	30.96	7 W.Cerny 29		Record: Jastremski '72		4 D.Hershey 36		1 P.Thompson 36	
4 K.Murphy 26	31.20	8 S.Heck 27		1 J.Bayless 33		5 A.Thomson 35		2 A.Cartwright 35	
5 L.Phippin 27	31.24	9 P.Watts 29		2 R.Husson 32		6 H.Hamilton 36		3 H.Roddin 35	
6 D.Nesbit 27	31.37	10 D.Levinson 27		3 J.Zeigler 31		7 K.Kanner 38		4 R.Williams 35	
7 T.Spieker 29	31.45	MEN 30-34		4 F.Shaw 31		8 C.Raven 38		5 P.Schlup 37	
8 B.Jordan	32.08	50 MTR FREESTYLE		5 S.Engel 34		9 K.Price 39		6 L.Larson 37	
9 J.Brennan 26	32.10	1 M.Fitzmaurice 31		6 K.Simpson 31		10 C.Mosso 35		7 W.Mulliken 37	
10 C.Wolf 26	32.15	2 H.Dewitt 31		7 T.Gorski 30		100 MTR BACKSTROKE		8 W.Page 36	
100 MTR BACKSTROKE		3 T.Garton 34		8 D.West 33		Record: W.McDonnell '75		9 H.Lewis 35	
Record: W.Dorney '74		4 R.Warner		9 T.Thompson 32		1 D.Hershey 36		10 D.Gifford 36	
1 T.Spieker 29	1:05.78	5 D.Gray 31		10 J.Blondi 34		2 P.Betzer 35			
2 T.Hodgson 27	1:05.82	6 M.Garibaldi 31		50 MTR BUTTERFLY		3 L.Larson 37		MEN 40-44	
3 R.Bober 26	1:07.20	7 P.Murphy 33		Record: J.McGrath '74		4 D.Donovan 35		Record: D.Hill '74	
4 C.Stanbury 26	1:07.63	8 T.Mann 34		1 M.Fitzmaurice 31		5 A.Thomson 35		1 S.Gideonse 43	
5 R.Cooley 28	1:07.90	9 D.Nordstrom 30		2 K.Krueger 31		6 H.Hamilton 36		2 W.Early 40	
6 J.Lucas 27	1:08.60	10 R.Frederick 34		3 R.Ennis 32		7 K.Kanner 38		3 P.Gay 43	
7 R.Atkinson 25	1:08.90	100 MTR FREESTYLE		4 K.Dawson 32		8 D.Bretherton 35		4 G.Rosser 44	
8 K.Murphy 26	1:09.00	Record: T.Garton '76		5 T.Garton 34		9 C.Bechtler 39		5 B.Jones 44	
9 W.Pugh 27	1:09.58	1 M.Fitzmaurice 31		6 J.Flanagan 31		10 T.Anderson 36		6 E.Hinshaw 40	
10 D.Nesbit 27	1:10.35	2 T.Garton 34		7 J.Wagner 34		100 MTR BACKSTROKE		7 P.Read 43	
200 MTR BACKSTROKE		3 D.Gray 31		8 E.Duncan 32		1 D.Hershey 36		8 P.Taft 41	
Record: W.Dorney '75		4 M.Garibaldi 31		9 T.Calomeris 34		2 R.Campbell 37		9 D.Drum 42	
1 T.Spieker 29	2:22.76	5 M.Dewitt 31		10 R.Frederick 34		3 L.Larson 37		10 L.Morris 40	
2 T.Hodgson 27	2:26.08	6 J.Sanders 30		100 MTR BUTTERFLY		4 D.Donovan 35		10 H.Amey	
3 R.Bober 26	2:29.50	7 R.Merritt 30		Record: A.Melamed '75		5 P.Betzer 35		100 MTR FREESTYLE	
4 C.Stanbury 26	2:31.10	8 E.Duncan 32		1 M.Fitzmaurice 31		6 J.Geoghegan 35		Record: B.Jones '74	
5 A.Bell 27	2:33.55	9 T.Mann 34		1 A.Melamed 33		7 C.Bechtler 39		1 E.Hinshaw 40	
6 J.Lucas 27	2:33.90	10 D.Nordstrom 30		3 V.Slovin 31		8 D.Bretherton 35		2 B.Jones 44	
7 K.Murphy 26	2:34.40	200 MTR FREESTYLE		4 J.Flanagan 31		9 K.Price 39		3 G.Rosser 44	
8 L.Chase 29	2:35.08	Record: G.Hill '74		5 K.Dawson 32		10 B.Nolan 38		4 W.Early 40	
9 L.Phippin 27	2:39.01	1 D.Gray 31		6 R.Merritt 30		200 MTR BACKSTROKE		5 A.Coxon 41	
10 D.Campbell 29	2:45.01	2 M.Garibaldi 31		7 J.Wagner 34		1 D.Hershey 36		6 P.Duncan 42	
50 MTR BREASTSTROKE		3 R.Merritt 30		8 L.Faust 30		2 R.Campbell 37		7 D.Read 43	
Record: T.Ludwig '76		4 J.Sanders 30		9 H.Dewitt 31		3 A.Cartwright 35		8 P.Gay 43	
1 T.Bazant 27	33.42	5 T.Garton 34		10 D.Walther 30		4 P.Thompson 36		9 D.Drum 42	
2 A.Stark 28	33.80	6 E.Duncan 32		200 MTR BUTTERFLY		5 L.Larson 37		10 P.Taft 41	
3 W.Balchunas 26	34.10	7 R.Larson 30		Record: A.Melamed '75		6 P.Betzer 35		200 MTR FREESTYLE	
4 G.Jacobs 29	34.24	8 R.Rocheleau 31		1 A.Melamed 33		7 D.Bretherton 35		Record: B.Jones '74	
5 D.Glass 25	34.58	9 E.Rudloff 30		2 L.Faust 30		8 D.Donovan 35		1 E.Hinshaw 40	
6 S.Neale 25	34.75	10 D.Rice 32		3 K.Dawson 32		9 A.Smith 38		2 B.Jones 44	
7 S.Heck	34.98	400 MTR FREESTYLE		4 J.Coplin 31		10 K.Price 39		3 A.Coxon 41	
8 T.Kerr 28	35.08	Record: D.Sullivan '76		5 E.Duncan 32		50 MTR BREASTSTROKE		4 P.Duncan 42	
9 E.Green 26	35.27	1 M.Garibaldi 31		6 S.Engel 34		1 H.Cole 36		5 S.Gideonse 43	
10 B.Pugh 29	35.27	2 J.Sanders 30		7 R.Merritt 30		2 T.McAbee		6 G.Rosser 44	
100 MTR BACKSTROKE		3 E.Duncan 32		8 J.Zeigler 31		3 C.Mauz 37		7 K.Canterbury 41	
Record: D.Mckenzie '72		4 D.Gray 31		9 J.McGrady 30		4 E.Fernandez 35		8 S.Pabla 40	
1 R.Colella 25	1:13.61	5 R.Larson 31		10 W.Dutton 32		5 P.Betzer 35		9 B.Belshe 43	
2 A.Stark 28	1:16.20	6 R.Merritt 30		200 MTR INDIVIDUAL MEDLEY		6 A.Davis 38		10 J.Daniels 40	
3 M.Simon 26	1:16.38	7 D.Rice 32		Record: L.Larson '72		7 M.Wood 35		400 MTR FREESTYLE	
4 S.Neale 25	1:16.47	8 R.Rocheleau 31		1 T.Garton 34		8 W.Mulliken 37		Record: B.Jones '75	
5 G.Jacobs 29	1:17.26	9 S.Engel 34		2 T.Mann 34		9 L.Diamond 38		1 E.Hinshaw 40	
6 D.Glass 25	1:17.49	10 L.Faust 30		3 E.Duncan 32		10 S.Alexander 36		2 B.Jones 44	
7 T.Bazant 27	1:17.92	1500 MTR FREESTYLE		4 J.Flanagan 31		100 MTR BREASTSTROKE		3 P.Duncan 42	
8 T.Kerr 28	1:18.51	1 M.Garibaldi 31		5 E.Rudloff 30		1 D.Hershey 36		4 G.Rosser 44	
9 A.Hichel 29	1:18.54	2 W.Dann 31		6 T.McCarty 32		2 H.Cole 36		5 D.O'Brian 41	
10 E.Green 26	1:19.50	3 E.Duncan 32		7 D.Walther 30		3 E.Fernandez 35		6 S.Pabla 40	
100 MTR BREASTSTROKE		4 D.Rice 32		8 K.Dawson 32		4 F.Nandez 35		7 B.Belshe 43	
Record: K.Pope '72		5 S.Engel 34		9 L.Faust 30		5 P.Betzer 35		8 S.Gideonse 43	
1 L.Troxell 27	2:51.58	6 D.Gray 31		10 S.Engel 34		6 A.Davis 38		9 K.Canterbury 41	
2 D.Glass 25	2:51.61	7 R.Larson 31		400 MTR INDIVIDUAL MEDLEY		7 M.Wood 35		10 C.LeBourgeois 43	
3 M.Simon 26	2:51.67	8 R.Rocheleau 31		1 E.Duncan 32		8 R.Reltman 36		1500 MTR FREESTYLE	
4 S.Neale 25	2:52.31	9 L.Faust 30		2 J.Flanagan 31		9 A.Davis 38		Record: B.Jones '74	
5 A.Stark 28	2:52.64	10 G.Niemeyer 30		3 S.Engel 34		7 A.Van 38		1 B.Jones 44	
6 G.Jacobs 29	2:54.01	50 MTR BACKSTROKE		4 D.Rice 32		8 L.Larson 37		2 S.Pabla 40	
7 T.Bazant 27	2:54.74	Record: K.Krueger '76		5 R.Merritt 30		9 D.Gallagher 38		3 P.Duncan 42	
8 T.Pursley 25	2:54.78	1 P.Whitten 34		6 L.Faust 30		10 M.Wood 35		4 G.Rosser 44	
9 M.Eddy 25	2:55.66	2 K.Krueger 31		7 D.O'Heara 31		200 MTR BREASTSTROKE		5 T.Long 40	
10 D.Levinson 27	2:56.77	3 R.Smith 34		8 T.McCarty 32		1 A.Arndt 36		6 J.Berthe 40	
50 MTR BUTTERFLY		4 P.Smith 33		9 R.Rocheleau 31		2 H.Cole 36		7 C.LeBourgeois 43	
Record: F.Schlichter '76		5 T.Calomeris 34		10 J.Wagner 34		3 W.Mulliken 37		8 D.May 40	
1 F.Schlicher 29	27.21	6 J.Beglinger 31		MEN 35-39		4 E.Fernandez 35		9 E.Haber 44	
2 J.Foote 26	27.60	7 R.Zeason 31		50 MTR FREESTYLE		5 P.Betzer 35		10 W.Early 40	
3 D.Glass 25	27.94	8 G.Niemeyer 30		Record: S.Jackman '76		6 M.Wood 35		50 MTR BACKSTROKE	
4 B.Balchunas 26	28.20	9 D.Hicks 32		1 R.Warner 35		7 A.Davis 38		Record: B.Jones '74	
5 C.Harrison 25	28.40	10 J.Hiles 32		2 B.Clark 35		8 R.Reltman 36		1 B.Jones 44	
6 W.Pugh 27	28.46	100 MTR BACKSTROKE		3 P.Sagues 35		9 D.Gifford 36		2 A.Coxon 41	
7 R.Cooley 28	28.60	Record: T.Mann '73		4 G.Laprise 37		10 D.Gallagher 38		3 W.Early 40	
8 D.Levinson 27	28.80	1 T.Mann 34		5 J.Geoghegan 35		50 MTR BUTTERFLY		4 D.Clayson 42	
9 J.Lucas 27	28.84	2 K.Krueger 31		6 H.Cole 36		1 R.Williams 35		5 J.Bohan 41	
10 R.Kieffner 29	28.97	3 T.Garton 34		7 D.Emerly 35		2 E.Nery 35		6 S.Gideonse 43	
100 MTR BUTTERFLY		4 R.Zeason 31		8 C.Bechtler 39		3 J.Geoghegan 35		7 D.McIntyre 40	
Record: F.Schlichter '76		5 T.McCarty 32		9 C.Winn 36		4 G.Worthington 39		8 G.Lyons 41	
1 F.Schlicher 29	1:00.50	6 R.Smith 34		10 C.Raven 38		5 G.Laprise 37		9 L.Melring 42	
2 D.Glass 25	1:02.95	7 J.Beglinger 31		100 MTR FREESTYLE		6 R.Warner 35		10 J.Risher 41	
3 A.Bell 27	1:03.62	8 D.Hicks 32		Record: B.Clark '75		7 D.Gillander		100 MTR BACKSTROKE	
4 W.Penn 25	1:04.30	9 R.Ennis 32		1 T.Clark 35		8 M.Laux 35		Record: B.Jones '73	
5 R.Colella 25	1:04.97	10 K.Sweet 30		2 J.Crane 35		9 B.Clark 35		1 W.Early 40	
6 C.Stanbury 26	1:05.11	200 MTR BACKSTROKE		3 J.Crane 35		10 L.Larson 37		2 B.Jones 44	
7 J.Lucas 27	1:05.17	Record: T.Mann '73		4 D.Hershey 36		100 MTR BUTTERFLY		3 D.Clayson 42	
8 G.Bastie 27	1:05.39	1 T.Mann 34		5 G.Laprise 37		Record: B.Kanner '74		4 B.Brow 44	
9 D.Levinson 27	1:05.82	2 D.Hicks 32		6 J.Geoghegan 35		1 D.Emerly 35		5 A.Coxon 41	
10 D.Cort 27	1:06.55	3 P.Smith 33		7 A.Thomson 35		2 J.Geoghegan 35		6 G.Lyons 41	
200 MTR BUTTERFLY		4 R.Zeason 31		8 C.Bechtler 39		3 A.Cartwright 35		7 L.Melring 42	
Record: Schlichter '76		5 M.Paessler 31		9 D.Emerly 35		4 B.Williams 35		8 D.McIntyre 40	
1 F.Schlicher 29	2:17.14	6 T.McCarty 32		10 P.Sagues 35		5 H.Roddin 35		9 J.Bohan 41	
2 K.Bell 27	2:33.40	7 R.Bober 26		200 MTR FREESTYLE		6 L.Larson 37		10 J.Risher 41	
3 C.Stanbury 26	2:36.96	8 J.Zeigler 31		Record: B.Kanner '74		7 H.Laux 35		200 MTR BACKSTROKE	
4 T.Spieker 29	2:47.10	9 S.Highly 30		1 P.Thompson 36		8 D.Gillanders		Record: B.Jones '76	
5 D.Levinson 27	2:47.67	10 A.Hapel 31		2 J.Crane 35		9 E.Worthington 39		1 B.Jones 44	
6 T.Courtney 26	2:49.11	50 MTR BACKSTROKE		3 D.Hershey 36		10 D.Donovan 35		2 W.Early 40	
7 C.Pick 29	2:51.24	Record: K.Norton '75		4 A.Thomson 35		200 MTR BUTTERFLY		3 K.Canterbury 41	
8 J.Homstad 28	2:55.64	1 M.Fitzmaurice 31		5 R.Williams 35		1 H.Roddin 35		4 B.Clayson 42	
9 L.Bernard 29	2:57.40	2 K.Simpson 31		6 C.Bechtler 39		2 A.Cartwright 35		5 A.Coxon 41	
10 S.Heck 27	3:03.70	3 T.Anderson 30		7 J.Geoghegan 35		3 C.Mosso 35		6 B.Brow 44	
200 MTR INDIVIDUAL MEDLEY		4 D.West 33		8 P.Schlup 37		4 T.Silvestri 36		7 G.Lyons 41	

50 MTR BREASTSTROKE

Record: W.Davis '76

Table with 2 columns: Name and Time. Includes B. Jones 44, E. Nagel 42, R. Taylor 44, H. Fallant 43, M. Parks 41, L. Abel 41, R. Burns 41, B. Symes 43, G. Lyons 41, D. Drum 41.

100 MTR BREASTSTROKE

Record: W.Davis '75

Table with 2 columns: Name and Time. Includes M. Sanguily, R. Taylor 44, H. Brown 43, T. Long 40, B. Jones 44, E. Nagel 42, H. Fallant 43, W. Kansas 41, M. Parks 41, R. Burns 41.

200 MTR BREASTSTROKE

Record: F. Reinke '75

Table with 2 columns: Name and Time. Includes R. Taylor 44, T. Long 40, B. Jones 44, W. Kansas 41, N. Berenyi 44, M. Parks 41, H. Fallant 43, H. Brown 43, B. Symes 41, S. Pablla 40.

50 MTR BUTTERFLY

Record: R. Jonson '73

Table with 2 columns: Name and Time. Includes D. Drum 42, S. Gideonse 43, W. Murray 40, G. Rosser 44, D. O'Brien 41, J. Bohan 41, T. Birman 40, C. LeBourgeois 43, P. Taft 41, B. Jones 44.

100 MTR BUTTERFLY

Record: S. Gideonse '76

Table with 2 columns: Name and Time. Includes B. Jones 44, D. O'Brien 41, D. Drum 42, K. Canterbury 41, G. Rosser 44, A. Welch 44, C. LeBourgeois 43, R. Taylor 44, W. Murray 40, J. Daniels 40.

200 MTR BUTTERFLY

Record: B. Jones '74

Table with 2 columns: Name and Time. Includes B. Jones 44, K. Canterbury 41, A. Welch 44, C. LeBourgeois 43, D. O'Brien 41, B. Fabsbender 40, A. Coxon 41, R. Burns 41, J. Daniels 40, B. Read 42.

200 MTR INDIVIDUAL MEDLEY

Record: B. Jones '74

Table with 2 columns: Name and Time. Includes B. Jones 44, K. Canterbury 41, W. Early 40, A. Coxon 41, D. O'Brien 41, D. Drum 42, D. Brown 44, R. Taylor 44, G. Lyons 41, B. Belshe 43.

400 MTR INDIVIDUAL MEDLEY

Record: B. Jones '74

Table with 2 columns: Name and Time. Includes B. Jones 44, K. Canterbury 41, D. O'Brien 41, C. LeBourgeois 43, G. Lyons 41, B. Belshe 43, A. Welch 44, B. Fabsbender 40, W. Murray 40, D. Petranach 42.

50 MTR FREESTYLE

Record: D. Hill '45

Table with 2 columns: Name and Time. Includes D. Hill 45, T. Willson 49, T. Lyndon 45, T. Whiteleather 46, E. Emes 48, H. Kern 45, R. Dorse 45, W. McAndrew 46, W. Palmer 49, E. Emes 48.

100 MTR FREESTYLE

Record: G. Johnston '76

Table with 2 columns: Name and Time. Includes D. Hill 45, G. Johnston 46, T. Lyndon 45, F. Reynolds 45, R. Heritier 49, N. Palmer 47, W. McAndrew 46, T. Willson 49, E. Emes 48.

200 MTR FREESTYLE

Record: G. Johnston '76

Table with 2 columns: Name and Time. Includes G. Johnston 46, R. Heritier 49.

3 T. Wilson 45

Table with 2 columns: Name and Time. Includes C. Yates 49, F. Reynolds 45, D. Rice 45, T. Willson 49, T. Lyndon 45, R. Beach 46, F. Sprenger 46.

400 MTR FREESTYLE

Record: G. Johnston '76

Table with 2 columns: Name and Time. Includes G. Johnston 46, W. Williams 47, C. Yates 49, T. Wilson 45, F. Sprenger 46, R. Heritier 49, R. Beach 46, D. Rice 45, F. Reynolds 45, T. Lyndon 45.

1500 MTR FREESTYLE

Record: Johnston '76

Table with 2 columns: Name and Time. Includes G. Johnston 46, W. Williams 47, R. Beach 46, C. Yates 49, F. Sprenger 46, J. Alleva 49, N. Palmer 47, D. Rice 45, T. Wilson 45, T. Lyndon 45.

50 MTR BACKSTROKE

Record: R. Tannahill '75

Table with 2 columns: Name and Time. Includes F. Reynolds 45, S. McConnell 45, N. Palmer 46, T. Willson 49, A. Mayer 45, C. Sheldon 48, B. Clark 47, R. Bennett 46, D. Jones 47, H. Kern 45.

100 MTR BACKSTROKE

Record: D. Draves '74

Table with 2 columns: Name and Time. Includes N. Palmer 47, F. Reynolds 45, R. Bennett 46, S. McConnell 45, H. Knowlton 48, A. Mayer 45, C. Sheldon 48, T. Willson 49, B. Clark 47, R. Graef 45.

200 MTR BACKSTROKE

Record: D. Draves '74

Table with 2 columns: Name and Time. Includes S. McConnell 45, R. Bennett 46, F. Reynolds 45, H. Knowlton 48, R. Graef 45, J. Seegars 48, B. Clark 47, C. Yates 49, C. Sheldon 48, A. Mayer 45.

50 MTR BREASTSTROKE

Record: J. Forbes '75

Table with 2 columns: Name and Time. Includes R. Kueny 46, D. Gruender 47, T. Haartz 49, D. VanRosen 47, L. Larrimore 49, T. Taylor 46, H. Hellman 49, H. Nakama 47, H. Kern 45, B. Schumacher 47.

100 MTR BREASTSTROKE

Record: R. Kueny '76

Table with 2 columns: Name and Time. Includes R. Kueny 46, T. Haartz 49, D. VanRosen 48, R. Cunningham 49, D. Gruender 47, L. Larrimore 49, M. Coughlin 49, J. Bauman 47, S. Odrobina, H. Nakama 47.

200 MTR BREASTSTROKE

Record: R. Kueny '76

Table with 2 columns: Name and Time. Includes R. Kueny 46, T. Haartz 49, D. VanRosen 48, E. Smith 47, M. Coughlin 49, R. Cunningham 49, R. Graef 45, H. Nakama 46, L. Larrimore 49, J. Bauman 47, S. Odrobina, H. Nakama 47.

50 MTR BUTTERFLY

Record: E. Emes '48

Table with 2 columns: Name and Time. Includes E. Emes 48, W. McAndrew 46, H. Kern 45, F. Reynolds 45, A. Allen 47, T. Haartz 49, E. Schelanka 45, E. Smith 47, S. McConnell 45, R. Kueny 46.

100 MTR BUTTERFLY

Record: C. Moss '75

Table with 2 columns: Name and Time. Includes E. Smith 47, W. McAndrew 46, E. Schelanka 45, T. Haartz 49, E. Emes 48, H. Kern 45.

7 H. Fox 48

Table with 2 columns: Name and Time. Includes W. Williams 47, J. Bauman 47, C. Miller 45, R. Kueny 46, H. Kern 45, T. Mulcahey 45, J. Bauman 47, J. Masters 47, B. Schumacher 47, A. Groh 49, R. Cunningham 49, R. Bennett 46, L. Holmes 48.

200 MTR BUTTERFLY

Record: J. Craigie '76

Table with 2 columns: Name and Time. Includes R. Kueny 46, H. Kern 45, T. Mulcahey 45, J. Bauman 47, J. Masters 47, B. Schumacher 47, A. Groh 49, R. Cunningham 49, R. Bennett 46, L. Holmes 48.

200 MTR INDIVIDUAL MEDLEY

Record: G. Johnston '76

Table with 2 columns: Name and Time. Includes G. Johnston 46, W. Williams 47, F. Reynolds 45, T. Haartz 49, N. Palmer 47, R. Kueny 46, H. Kern 45, S. McConnell 45, R. Graef 45, R. Cunningham 49.

400 MTR INDIVIDUAL MEDLEY

Record: G. Johnston '76

Table with 2 columns: Name and Time. Includes W. Williams 47, R. Kueny 46, H. Kern 45, T. Haartz 49, J. Bauman 47, F. Bartlett 47, A. Groh 49, N. Palmer 46, R. Cunningham 49, C. Yates 49.

50 MTR FREESTYLE

Record: T. Willson '50

Table with 2 columns: Name and Time. Includes T. Willson 50, A. Arcidiacono 53, J. Jorgenson 52, P. Rockwell 52, R. Sticklemyer 50, W. Matthews 50, W. Simpson 53, J. Forbes 51, P. Hutinger 52, P. Herron 57, R. Taft 58, E. Hall 55, A. Hellman 55, E. Turlay 55, M. Eppley 55, R. Nicol 56, H. Herrick 57, R. Cowan 56, W. Kleist 55.

100 MTR FREESTYLE

Record: T. Willson '50

Table with 2 columns: Name and Time. Includes T. Willson 50, C. Yates 50, P. Rockwell 52, R. White 50, W. Willson 50, E. Kerswill 51, J. Jorgenson 52, D. Draves 51, P. Girles 50, J. Schmidt 54, C. Yates 50, R. White 50, E. Kerswill 51, T. Willson 50, J. Woods 53, P. Hutinger 52, R. Mauer 51, W. Willson 50, J. Schmidt 54.

200 MTR FREESTYLE

Record: C. Yates '50

Table with 2 columns: Name and Time. Includes C. Yates 50, R. White 50, E. Kerswill 51, T. Willson 50, J. Woods 53, P. Hutinger 52, R. Mauer 51, W. Willson 50, J. Schmidt 54.

400 MTR FREESTYLE

Record: T. Yates '50

Table with 2 columns: Name and Time. Includes T. Yates 50, E. Kerswill 51, J. Woods 53, P. Hutinger 52, R. Mauer 51, W. Willson 50, J. Schmidt 54.

50 MTR FREESTYLE

Record: P. Hutinger '76

Table with 2 columns: Name and Time. Includes P. Hutinger 52, T. Willson 50, J. Woods 53, W. Matthews 50, F. Blair 51, R. Ringel 54, W. Jardine 53, D. Draves 51, J. Jorgenson 52, J. Edwards 54.

100 MTR FREESTYLE

Record: P. Hutinger '76

Table with 2 columns: Name and Time. Includes P. Hutinger 52, T. Willson 50, J. Woods 53, W. Matthews 50, F. Blair 51, R. Ringel 54, W. Jardine 53, D. Draves 51, J. Jorgenson 52, J. Edwards 54.

200 MTR FREESTYLE

Record: P. Hutinger '76

Table with 2 columns: Name and Time. Includes P. Hutinger 52, T. Willson 50, J. Woods 53, W. Matthews 50, F. Blair 51, R. Ringel 54, W. Jardine 53, D. Draves 51, J. Jorgenson 52, J. Edwards 54.

2 D. Draves 51

Table with 2 columns: Name and Time. Includes C. Yates 50, A. Groh 50, J. Woods 53, J. Edwards 54, W. Moffit 54, J. Trudy 53, F. Blair 51, R. Brown 50.

50 MTR BREASTSTROKE

Record: J. Forbes '76

Table with 2 columns: Name and Time. Includes J. Forbes 76, R. Sticklemyer 50, J. Forbes 51, N. Buwick 52, M. Flanagan 51, D. Draves 51, J. Bursan 54, M. Mathews 50, G. Helick 52, L. Hieson 50, R. Powers 53.

100 MTR BREASTSTROKE

Record: J. Counsilman '72

Table with 2 columns: Name and Time. Includes J. Counsilman 72, R. Sticklemyer 50, J. Forbes 51, J. Marcus 52, B. Weber 50, M. Mathews 50, M. Flanagan 51, N. Buwick 52, R. Powers 53, R. Arthur 51, L. Hieson 50.

200 MTR BREASTSTROKE

Record: J. Counsilman '72

Table with 2 columns: Name and Time. Includes B. Weber 50, R. Powers 53, J. Marcus 52, R. Arthur 51, R. Sticklemyer 50, N. Buwick 52, W. Matthews 50, W. Simpson 53, J. Forbes 51, P. Hutinger 52, P. Herron 57, R. Taft 58, E. Hall 55, A. Hellman 55, E. Turlay 55, M. Eppley 55, R. Nicol 56, H. Herrick 57, R. Cowan 56, W. Kleist 55.

50 MTR BUTTERFLY

Record: P. Rockwell '75

Table with 2 columns: Name and Time. Includes P. Rockwell 52, P. Rockwell 52, P. Rockwell 52, T. Willson 50, W. Matthews 50, W. Simpson 53, J. Forbes 51, P. Hutinger 52, P. Herron 57, R. Taft 58, E. Hall 55, A. Hellman 55, E. Turlay 55, M. Eppley 55, R. Nicol 56, H. Herrick 57, R. Cowan 56, W. Kleist 55.

100 MTR BUTTERFLY

Record: P. Hutinger '76

Table with 2 columns: Name and Time. Includes P. Hutinger 52, A. Groh 50, B. Weber 50, P. Hutinger 52, A. Koblish 53, W. Willson 50, W. Jardine 53, D. Draves 51, W. Stadig 54, D. Hubbard 50.

200 MTR BUTTERFLY

Record: J. Marcus '76

Table with 2 columns: Name and Time. Includes J. Marcus 76, A. Koblish 53, B. Weber 50, J. Marcus 52, W. Jardine 53, P. Rockwell 52, D. Draves 51, F. Eckhardt 51, P. Hutinger 52, W. Stadig 54, J. Burgan 54.

200 MTR INDIVIDUAL MEDLEY

Record: P. Hutinger '76

Table with 2 columns: Name and Time. Includes P. Hutinger 52, D. Draves 51, R. White 50, P. Hutinger 52, B. Weber 50, A. Groh 50, J. Woods 53, A. Koblish 53, H. Mathews 50, R. Ringel 54, W. Jardine 53, L. Silverstein 51, F. Eckhardt 51.

50 MTR FREESTYLE

Record: R. Hakomaki '76

Table with 2 columns: Name and Time. Includes R. Hakomaki 76, E. Hall 55, R. Hakomaki 56, W. Kuehne 56, T. VonBerckefeld 55, W. Kleist 55, J. Welch 59, D. Schwab 55, J. Stiefert 59, W. Baugher 55, P. Herrick 57.

100 MTR FREESTYLE

Record: J. Welch '74

Table with 2 columns: Name and Time. Includes J. Welch 74, E. Hall 55, J. Welch 59, J. Crews 57.

200 MTR FREESTYLE

Record: J. Welch '74

Table with 2 columns: Name and Time. Includes J. Welch 74, E. Hall 55, J. Welch 59, J. Crews 57.

4 T. VonBerckefeld 55

Table with 2 columns: Name and Time. Includes R. Hakomaki 56, W. Kleist 55, R. Taft 57, R. Merrick 57, R. Cowan 56, J. Stiefert 59.

200 MTR FREESTYLE

Record: J. Welch '76

Table with 2 columns: Name and Time. Includes J. Crews 57, J. Welch 59, W. Kleist 55, W. Erich 58, R. Merrick 57, R. Cowan 56, L. Surles 59, D. Schwab 55, J. Stiefert 59, D. Draves 58.

400 MTR FREESTYLE

Record: J. Welch '76

Table with 2 columns: Name and Time. Includes J. Welch 59, J. Crews 57, W. Erich 58, W. Kleist 55, R. Acker 56, R. Cowan 56, F. Talioli 56, R. Merrick 57, J. Stiefert 59, E. Moran 59.

1500 MTR FREESTYLE

Record: J. Welch '74

Table with 2 columns: Name and Time. Includes J. Welch 59, R. Taft 58, W. Erich 58, R. Merrick 57, E. Draves 58, E. Talmage 57, W. Struthers 59, H. Anderson 57, M. McCarthy 57.

50 METER BACKSTROKE

Record: P. Herron '57

Table with 2 columns: Name and Time. Includes P. Herron 57, R. Taft 58, E. Walter 56, A. Hellman 55, E. Turlay 55, M. Eppley 55, R. Nicol 56, H. Herrick 57, R. Cowan 56, W. Kleist 55.

100 MTR BACKSTROKE

Record: P. Herron '57

Table with 2 columns: Name and Time. Includes P. Herron 57, E. Hall 55, A. Hellman 55, R. Taft 58, E. Walter 56, R. Cowan 56, R. Nicol 56, E. Turlay 55, W. Kleist 55, M. Moran 59.

200 MTR BACKSTROKE

Record: P. Herron '57

Table with 2 columns: Name and Time. Includes P. Herron 57, E. Hall 55, E. Walter 56, A. Hellman 55, R. Cowan 56, R. Nicol 56, E. Turlay 55, W. Kleist 55, M. Moran 59.

50 MTR BREASTSTROKE

Record: E. Blackledge '75

Table with 2 columns: Name and Time. Includes E. Blackledge 75, T. Lind 59, R. Rodriguez 57, M. Holse 56, R. Taft 57, M. Eppley 55, G. Wiley 56, R. Merrick 57, E. Walter 56, E. Neben 56, E. Cronin 56.

100 MTR BREASTSTROKE

Record: T. Line '75

Table with 2 columns: Name and Time. Includes T. Line 75, R. Rodriguez 57, T. VonBerckefeld 55, T. Lind 59, R. Merrick 57, R. Taft 58, E. Merrick 57, E. Neben 56, E. Cronin 56, E. Walter 56, W. Wells 56, E. Hall 55, J. Richards 55.

200 MTR BREASTSTROKE

Record: T. VonBerckefeld '55

Table with 2 columns: Name and Time. Includes T. VonBerckefeld 55, R. Rodriguez 57, E. Neben 56, R. Taft 58, T. Lind 59, E. Cronin 56, R. Hakomaki 56, E. Walter 56, E. Barnes 55, M. Eppley 55.

50 MTR BUTTERFLY

Record: R. Taft '74

Table with 2 columns: Name and Time. Includes R. Taft 74, J. Crews 57, W. Uhrich 57, R. Hakomaki 56, D. Schwab 55, R. Merrick 57, R. Cowan 56, J. Warren 56.

9 F.Havlicek 59	37.91	7 F.Wiggin 61	1:34.89	9 A.Cruikshank 66	36.70	2 J.Bartlett 65	43.39	200 MTR BACKSTROKE	
10 N.Wallice 56	38.10	8 R.Guido 60	1:36.06	10 G.Cameron 65	36.83	5 W.Loughborough 66	44.06	1 A.Hargrave 70	3:33.70*
100 MTR BUTTERFLY		9 D.Malbrough 64	1:37.25	100 MTR FREESTYLE		3 H.Perry 66	44.06	2 F.Lappe 73	3:44.69
Record: J.Crews '76	1:22.05	10 C.Croome 60	1:38.14	Record: F.Booth '76	1:11.89	5 Stevenson 65	47.77	3 H.Jagers 70	4:36.50
1 J.Crews 57	1:27.40	200 MTR BACKSTROKE		1 R.Richardson 65	1:14.67	6 A.Guth 69	48.30	4 P.Jurczyk 71	4:45.33
2 R.Taft 58	1:31.78	Record: G.Cummin '76		2 L.Osborne 68	1:18.40	7 W.Stinson 68	48.47	5 T.Johnson 72	4:56.00
3 E.Barnes 55	1:32.90	1 D.Rowan 63	3:18.59	3 R.Lawrence 65	1:21.50	8 E.Hale 66	48.95	6 I.Merritt 73	5:11.20
4 E.Cronin 56	1:34.80	2 J.Merrill 60	3:20.56	4 B.Wood 67	1:23.30	9 A.Erickson 66	49.00	7 S.Loeffler 71	5:19.12
5 R.Merrick 57	1:34.93	3 D.Volk 60	3:24.00	5 R.Thompson 66	1:24.30	10 C.Straus 65	49.72	8 S.Tannehill 71	5:35.83
6 W.Uhrich 57	1:37.40	4 F.Wiggin 61	3:25.97	6 D.McAfee 67	1:24.40	100 MTR BUTTERFLY		9 J.Scheu 73	6:11.92
7 E.Neben 56	1:40.15	5 R.Guido 60	3:29.94	7 T.Monahan 67	1:25.18	J.Bartlett 65	1:48.41*	50 MTR BREASTSTROKE	
8 E.Walter 56	1:40.86	6 E.Blackledge 61	3:32.71	8 D.Stevenson 65	1:27.95	2 C.Straus 65	1:53.47	1 H.Strothman 71	47.40*
9 T.Dowell 56	1:49.40	7 G.Travicki 61	3:35.43	9 E.Ongsgard 65	1:28.77	3 R.Richardson 65	1:53.90	2 T.Johnson 72	51.90
200 MTR BUTTERFLY		8 M.Sielski 63	3:36.03	10 W.Stinson 68	1:28.97	4 A.Guth 68	1:56.15	3 F.Lappe 73	52.36
Record: E.Cronin '76	3:30.54	9 C.Croome 60	3:40.68	200 MTR FREESTYLE		5 W.Stinson 68	2:03.09	4 S.Loeffler 71	55.30
1 E.Cronin 57	3:32.46	10 D.Rankin 61	3:42.24	1 R.Richardson 65	2:49.10*	6 E.Hale 66	2:07.00	5 A.Olanoff 71	1:01.24
2 E.Walter 56	3:46.77	50 MTR BREASTSTROKE		2 L.Osborne 68	2:59.43	7 W.Loughborough 66	2:08.94	6 G.Langner 74	1:07.60
3 E.Neben 56	3:48.22	1 G.Travicki 61	40.20*	3 B.Wood 67	3:11.90	8 E.Ongsgard 65	2:11.62	7 R.Babenderede 71	1:12.10
4 R.Merrick 57	3:50.59	2 J.Higgins 61	42.20	4 C.Roth 67	3:15.52	9 S.Silbert 69	2:41.35	8 I.Merritt 73	1:13.27
5 E.Barnes 55	3:53.60	3 J.Brouk 60	43.30	5 A.Erickson 66	3:19.90	10 B.Wood 67	2:43.38	10 S.Tannehill 71	1:24.21
6 R.Taft 58	3:59.50	4 B.Allen 63	43.73	6 R.Thompson 66	3:22.60	100 MTR BUTTERFLY		100 MTR BREASTSTROKE	
200 MTR INDIVIDUAL MEDLEY		5 D.Volk 60	43.80	7 D.McAfee 67	3:24.10	1 J.Bartlett 65	4:04.80*	Record: W.Kratz '76	1:49.43
Record: R.Taft '74	3:01.52	6 E.Blackledge 61	43.84	8 D.Stevenson 65	3:29.85	2 C.Straus 65	4:17.64	1 H.Strothman 71	1:51.40
1 R.Taft 58	3:04.42	7 J.Steiner 60	44.50	9 E.Mackay 65	3:36.61	3 A.Guth 69	4:22.12	2 F.Lappe 73	2:00.13
2 R.Hakomaki 56	3:11.26	8 D.Rankin 61	45.37	10 T.Monahan 67	3:41.67	4 E.Hale 66	5:15.73	3 T.Johnson 72	2:02.50
3 W.Kleist 55	3:12.84	9 C.Croome 60	45.81	400 MTR FREESTYLE		200 MTR INDIVIDUAL MEDLEY		4 S.Craigie 70	2:02.80
4 R.Cowan 56	3:15.94	10 J.Kapit 61	46.00	Record: L.Osborne '74	6:07.60	1 R.Richardson 65	3:32.30*	5 A.Kallunki 73	2:05.10
5 F.Havlicek 58	3:17.59	100 MTR BREASTSTROKE		Record: J.Higgins '76	1:31.77	2 J.Bartlett 65	3:51.12	6 A.Olanoff 71	2:09.41
6 E.Walter 56	3:19.40	Record: J.Higgins 61	1:33.42	2 H.Mowe 65	6:19.04	3 W.Loughborough 66	3:51.43	7 D.Danielson 74	2:12.60
7 T.Lind 59	3:24.60	2 J.Higgins 61	1:35.04	3 L.Osborne 68	6:28.61	4 H.Mowe 65	3:52.55	8 S.Loeffler 71	2:18.50
8 D.Schwab 55	3:24.64	3 B.Allen 63	1:36.94	4 C.Roth 67	6:52.13	5 A.Guth 69	3:54.13	9 G.Langner 74	2:24.50
9 E.Barnes 55	3:27.16	4 E.Blackledge 61	1:36.96	5 B.Wood 67	6:57.50	6 B.Wood 67	3:54.73	10 I.Merritt 73	2:41.63
10 E.Neben 56	3:30.62	5 J.Brouk 60	1:39.70	6 W.Loughborough 66	7:19.75	7 R.Clark 66	3:54.73	200 MTR BREASTSTROKE	
400 MTR INDIVIDUAL MEDLEY		6 J.Reilly 60	1:40.95	7 R.Thompson 66	7:20.60	8 D.Stevenson 65	3:58.90	Record: W.Kratz '76	4:04.71
Record: P.Herron '76	6:35.18	7 D.Rankin 61	1:42.91	8 D.McAfee 67	7:21.70	9 C.Straus 65	4:02.69	1 F.Lappe 73	4:15.88
1 P.Herron 57	6:48.24	8 K.Frederick 63	1:43.37	9 D.Stevenson 65	7:36.60	10 E.Ongsgard 65	4:09.00	2 A.Kallunki 73	4:28.65
2 R.Taft 58	6:48.70	9 J.Kapit 61	1:43.40	10 M.Kirkeby 65	7:57.71	400 MTR INDIVIDUAL MEDLEY		3 A.Olanoff 71	4:31.97
3 E.Walter 56	7:00.50	10 W.Pfeiffer 63	1:44.48	1500 MTR FREESTYLE		Record: A.Guth '76	8:16.85	4 T.Johnson 72	4:43.00
4 E.Neben 56	7:39.06	200 MTR BREASTSTROKE		Record: L.Osborne 68	25:18.10	2 J.Bartlett 65	8:28.00	5 G.Langner 74	5:12.43
5 E.Barnes 55	7:45.80	1 G.Travicki 61	3:21.95	2 B.Wood 67	27:46.07	3 C.Straus 65	8:56.68	6 S.Loeffler 71	5:13.66
6 R.McDermott 56	8:08.00	2 J.Higgins 61	3:26.80	3 D.McAfee 67	29:42.20	4 E.Ongsgard 65	9:05.94	7 J.Anderson 74	5:21.50
50 MTR FREESTYLE		3 D.Rankin 61	3:27.25	4 R.Clark 66	29:54.84	5 E.Hale 66	10:14.24	8 I.Merritt 73	5:54.95
Record: L.Collet '72	31.20	4 E.Blackledge 61	3:37.99	5 E.Ongsgard 65	31:13.69	6 A.Guth 68	31:13.69	9 S.Tannehill 71	7:15.10
1 H.Rawstrom 60	31.30	5 W.Pfeiffer 63	3:45.74	6 A.Guth 68	31:24.27	7 M.Kaschak 66	32:13.92	50 MTR BUTTERFLY	
2 J.Reilly 60	31.49	6 E.Nelson 60	3:51.80	8 S.Bernstein 68	32:42.40	8 T.Monahan 67	32:47.90	1 S.Craigie 70	45.60*
3 E.Cooper 63	31.96	7 J.Reilly 60	3:54.60	9 W.Johnston 66	33:30.20	9 W.Johnston 66	33:30.20	2 A.Kallunki 73	54.97
4 J.Brouk 60	32.10	8 B.Sprofin 60	3:56.56	50 MTR BACKSTROKE		10 M.Vogt	36.40	3 I.Merritt 73	1:09.00
5 E.Jennings 62	32.35	9 J.LeVett 60	3:57.53	Record: T.Monahan '76	39.42	5 D.Thomas 70	38.80	4 G.Langner 74	1:24.00
6 G.Weisenthal 32.62		10 J.Kapit 61	3:57.57	1 R.Richardson 65	40.88	6 J.Anderson 74	39.90	100 MTR BUTTERFLY	
7 L.Surles 60	32.66	200 MTR BUTTERFLY		2 T.Monahan 67	41.91	7 H.Strothman	42.00	1 S.Craigie 70	2:03.20*
8 W.Grant 63	32.69	Record: E.Jennings '76	35.03	3 R.Lawrence 65	46.10	8 A.Langner 74	42.30	2 A.Kallunki 73	2:24.44
9 W.Grant 63	32.99	1 W.Grant 63	37.30	4 L.Osborne 68	46.60	9 W.Trask 74	43.16	3 I.Merritt 73	2:47.69
10 H.Sexton 62	33.00	2 E.Jennings 62	37.41	5 B.Wood 67	47.00	10 P.Jurczyk 71	44.60	200 MTR BUTTERFLY	
100 MTR FREESTYLE		3 J.Reilly 60	37.89	6 D.Stevenson 65	48.00	100 MTR FREESTYLE		Record: I.Merritt '75	6:16.76
Record: L.Collet '72	1:10.60	4 C.Wilson 62	39.55	7 O.Sigrist 69	48.60	Record: C.Ross '74	1:23.52	1 I.Merritt 73	6:40.56
1 H.Rawstrom 60	1:11.69	5 C.Croome 60	40.08	8 L.Rinna 66	50.59	1 A.Hargrave 70	1:25.01	200 MTR INDIVIDUAL MEDLEY	
2 H.Sexton 62	1:14.20	6 W.Pfeiffer 63	40.17	9 G.Cameron 65	51.19	2 J.McGuire 73	1:28.89	1 S.Craigie 70	4:03.40*
3 C.Wilson 62	1:14.99	7 D.Rankin 60	40.38	10 D.McAfee 67	51.50	3 C.Ross '74	1:31.44	2 A.Kallunki 73	4:18.62
4 L.Surles 60	1:15.05	8 D.Rowan 63	40.89	100 MTR BACKSTROKE		4 G.Langner 74	1:33.86	3 A.Olanoff 71	4:34.40
5 J.Brouk 60	1:15.10	9 M.Sielski 63	41.70	Record: A.Hargrave '75	1:33.30	5 S.Thomas 70	1:38.00	4 I.Merritt 73	5:26.07
6 J.Reilly 60	1:15.34	10 H.Sexton 62	42.10	1 R.Richardson 65	1:39.75	6 J.McPherson 71	1:39.30	5 S.Tannehill 71	6:48.30
7 G.Weisenthal 1:15.40		100 MTR BUTTERFLY		2 G.Corson 66	1:43.28	7 H.Strothman	1:41.00	400 MTR INDIVIDUAL MEDLEY	
8 E.Cooper 63	1:15.55	Record: W.Pfeiffer '75	1:31.08	3 T.Monahan 67	1:44.84	8 J.Anderson 74	1:43.90	1 S.Craigie 70	9:14.90*
9 W.Grant 63	1:16.52	1 W.Pfeiffer 63	1:35.88	4 B.Wood 67	1:45.30	9 W.Trask 74	1:45.13	2 I.Merritt 73	11:38.23
10 D.Rankin 60	1:16.65	2 C.Wilson 62	1:38.56	5 D.Stevenson 65	1:49.80	10 A.Olanoff 71	1:47.00	50 MTR FREESTYLE	
200 MTR FREESTYLE		3 M.Sielski 63	1:41.64	6 L.Osborne 68	1:50.30	Record: G.Langner '76	6:59.64	Record: C.Ross '76	35.95
Record: J.Eubank '76	2:40.60	4 E.Jennings 62	1:42.07	7 J.Bartlett 65	1:51.32	1 A.Hargrave 70	7:13.96	1 C.Ross 77	37.71
1 H.Rawstrom 60	2:46.28	5 D.Rankin 61	1:43.89	8 W.Loughborough 66	1:56.07	2 J.McGuire 73	7:40.37	2 J.Hackney 78	49.61
2 J.Higgins 61	2:46.45	6 W.Grant 63	1:44.17	9 L.Rinna 66	1:56.28	3 G.Langner 74	7:59.44	3 R.Mott-Smith 75	51.36
3 J.Reilly 60	2:49.80	7 G.Travicki 61	1:44.64	10 D.McAfee 67	1:57.50	4 W.Trask 74	8:11.19	4 I.Merritt 73	52.40
4 H.Sexton 62	2:51.90	8 E.Caddey 63	1:48.50	200 MTR BACKSTROKE		5 J.Anderson 74	8:13.90	5 C.Cushman 75	56.20
5 C.Wilson 62	2:53.30	9 C.Croome 60	1:51.20	Record: A.Hargrave '75	3:28.40	6 P.DeCremere 73	8:44.20	6 W.Laury 75	1:00.80
6 L.Surles 60	2:53.54	10 C.Straus 64	1:55.20	1 R.Richardson 65	3:31.73	7 I.Merritt 73	8:46.02	7 H.Webster 76	1:04.60
7 W.Grant 63	3:00.50	100 MTR BUTTERFLY		2 B.Wood 67	3:30.45	8 F.Babenderede 71	5:01.88	8 R.Smith 78	1:11.94
8 H.Anderson 63	3:01.89	Record: W.Pfeiffer '76	3:37.44	3 T.Monahan 67	3:51.01	9 S.Tannehill 71	5:18.41	100 MTR FREESTYLE	
9 A.Harper 60	3:04.83	1 M.Sielski 63	3:43.37	4 G.Corson 66	3:54.47	10 C.Brown 71	5:55.95	Record: C.Ross '76	1:24.16
10 D.Rowan 63	3:05.30	2 W.Pfeiffer 63	3:43.82	5 D.Stevenson 65	4:07.70	400 MTR FREESTYLE		1 C.Ross 77	1:27.85
400 MTR FREESTYLE		3 D.Rankin 60	3:47.67	6 J.Bartlett 65	4:08.76	Record: G.Langner '76	6:59.64	2 J.Hackney 78	2:08.90
Record: J.Eubank '76	5:52.81	4 G.Travicki 61	3:50.41	7 E.Mackay 65	4:17.21	1 G.Langner 74	7:13.96	3 R.Mott-Smith 75	2:10.80
1 D.Rankin 61	5:59.02	5 C.Wilson 62	3:57.94	8 D.McAfee 67	4:17.50	2 F.Lappe 73	7:40.37	4 C.Cushman 75	2:18.02
2 H.Sexton 62	6:07.30	6 W.Grant 63	4:14.90	9 L.Rinna 66	4:23.38	3 J.McPherson 71	7:59.44	5 S.Langner 76	2:30.06
3 H.Rawstrom 60	6:11.41	7 C.Straus 64	4:16.60	10 A.Guth 69	4:26.53	4 A.Olanoff 71	8:35.02	6 P.Dunakin 76	2:32.22
4 L.Surles 60	6:18.92	8 E.Caddey 63	4:21.73	50 MTR BREASTSTROKE		5 W.Trask 74	8:38.93	7 H.Smith 78	2:52.12
5 A.Harper 60	6:21.59	9 J.Brown 62	4:30.90	Record: G.Huntz '74	44.20	6 J.Anderson 74	9:11.90	200 MTR FREESTYLE	
6 G.Weisenthal 6:34.54		100 MTR INDIVIDUAL MEDLEY		1 S.Bernstein 68	44.47	7 J.Jagers 70	9:17.87	Record: C.Ross '76	3:13.40
7 H.Anderson 63	6:38.30	Record: J.Higgins '76	3:08.46	2 R.Richardson 65	47.40	8 I.Merritt 73	10:08.16	1 C.Ross 77	3:16.98
8 R.Guido 60	6:42.70	1 J.Higgins 61	3:15.79	3 R.Clark 66	47.73	9 F.Babenderede 71	11:34.56	2 F.Allen 78	4:27.01
9 W.Grant 63	6:44.50	2 C.Wilson 62	3:19.90	4 W.Share 68	49.33	1500 MTR FREESTYLE		3 J.Hackney 78	4:50.08
10 R.Portman 64	6:45.60	3 D.Rankin 61	3:24.86	5 W.Loughborough 66	49.80	Record: C.Ross	28:02.14	4 C.Cushman 75	5:10.01
1500 MTR FREESTYLE		4 W.Pfeiffer 63	3:27.34	6 R.Lawrence 65	49.90	Record: C.Ross '76	28:09.07	5 W.Laury 76	5:15.30
Record: D.Rankin '76	23:01.65	5 M.Sielski 63	3:28.80	7 H.Barr 67	51.00	400 MTR FREESTYLE		6 S.Langner 76	5:36.71
1 D.Rankin 61	23:23.84	6 E.Blackledge 61	3:28.94	8 A.Guth 69	52.30	Record: C.Ross '76	30:07.01	1 C.Ross 77	7:19.25
2 H.Rawstrom 60	24:42.38	7 J.Reilly 60	3:29.85	9 E.Hale 66	52.64	1 F.Lappe 73	33:15.30	2 F.Allen 78	9:29.38
3 A.Harper 60	25:10.46	8 H.Sexton 62	3:19.90	10 F.Jowett 67	53.20	3 C.Ross '76	35:30.80	3 W.Laury 75	10:01.70
4 H.Sexton 62	25:18.56	9 F.Wiggin 61	3:36.30	100 MTR BREASTSTROKE		4 D.Thomas 70	37:26.89	4 C.Cushman 75	10:51.78
5 H.Anderson 63	25:35.00	1 R.Clark 66	3:36.90	Record: G.Huntz '74	44.20	5 I.Merritt 73	40:45.99	5 W.Webster 76	12:29.00
6 G.Weisenthal 26:19.80		2 R.Clark 66	1:42.75*	1 S.Bernstein 68	44.47	6 F.Babenderede 71	57:15.36	1500 MTR FREESTYLE	
7 J.Merrill 60	26:25.55	3 H.Perry 66	1:46.53	2 R.Richardson 65	46.61	7 C.Brown 71	6:00.17	Record: C.Ross '76	28:36.98
8 E.Blackledge 61	27:41.59	4 R.Richardson 65	1:46.61	3 S.Bernstein 68	1:47.56	50 MTR BACKSTROKE		1 C.Ross 77	29:07.80
9 R.Guido 60	27:42.48	5 W.Share 68	1:48.05	4 W.Loughborough 66	1:48.05	1 A.H			

100 MTR BREASTSTROKE
 Record: A. Beffle '76 2:18.87
 1 C. Cushman 75 2:24.00
 2 J. Whittemore 77 2:35.02
 3 A. Beffle 76 2:37.79
 4 J. Hackney 78 2:53.90
 5 R. Webster 76 2:56.58

200 MTR BREASTSTROKE
 Record: A. Beffle '76 5:17.01
 1 C. Cushman 75 5:18.73
 2 W. Laury 75 5:39.60
 3 A. Beffle 76 5:58.87
 4 R. Webster 76 6:16.68
 5 J. Hackney 79 6:28.85

50 MTR BUTTERFLY
 Record: A. Beffle '76 1:09.50
 1 A. Beffle 76 1:20.63

MEN 80+
50 MTR FREESTYLE
 1 C. Wheeler 84 49.30*
 2 W. Stemmler 81 59.02

100 MTR FREESTYLE
 1 C. Wheeler 84 1:52.97*
 2 T. Lane 83 2:13.74
 3 W. Stemmler 81 2:21.05

200 MTR FREESTYLE
 1 C. Wheeler 84 4:20.70*
 2 T. Lane 83 5:21.50

400 MTR FREESTYLE
 1 T. Lane 83 10:10.01*

50 MTR BACKSTROKE
 1 T. Lane 83 1:04.69*

100 MTR BACKSTROKE
 1 T. Lane 83 2:47.54*

50 MTR BREASTSTROKE
 Record: W. Stemmler '76 1:01.82
 1 T. Lane 83 1:03.59
 2 W. Stemmler 81 1:05.85
 3 C. Wheeler 84 1:07.50

100 MTR BREASTSTROKE
 Record: W. Stemmler '76 2:26.78
 1 W. Stemmler 81 2:44.68
 2 T. Lane 83 2:49.06

WOMEN 25+
200 MTR FREESTYLE RELAY
 Rec. LONG BEACH '74 2:02.40
 (Peterson, Johnson, Duncan, Hayes-Frank)

1 LONG BEACH MASTERS (Johnson, Peterson, Royer, Hayes-Frank) 2:04.49

2 PACIFIC NW 'A' 2:05.75
 3 NORTH SHORES A.C. 2:18.68
 4 ROCKY MTN. MASTERS (Cranmer, Walters, McGill, McNeil) 2:19.08

5 SAN MATEO MARLINS 2:21.04
 6 INLAND EMPIRE MAST. 2:21.98
 7 HUMUHUMU KUKUAPUA 2:23.08
 8 PACIFIC NW 'B' 2:24.91
 9 WALNUT CREEK 2:25.10
 10 GOLD COAST MASTERS (Woodman, Krauser, Gross, Engelhardt) 2:25.53

200 MTR MEDLEY RELAY
 Record: MID ATL MAST '74 2:18.50
 (Williams, Kilgour, Lane, Clay)

1 SAN DIEGO COUNTY (Skrifvars, Lane, Dunbar, Partin) 2:19.47

2 LONG BEACH MASTERS (Peterson, Johnson, Royer, Hayes-Frank) 2:23.52

3 ARIZONA MASTERS (Gurning, Gettling, Keller, Menard) 2:27.20

4 METRO MASTERS NY 2:30.50
 5 PACIFIC NW MAST 'A' 2:31.17
 6 INLAND EMPIRE MAST 2:34.55
 7 NORTH SHORES A.C. 2:40.06
 8 SAN MATEO MARLINS 2:40.96
 9 TAMALPAIS S.C. 2:41.53
 (Peteman, Anderson, Hoey, Ridout)

10 GOLD COAST MASTERS (Bergeron, Woodman, Gross, Engelhardt) 2:43.11

WOMEN 35+
200 MTR FREESTYLE RELAY
 Rec. SAN MATEO '74 2:13.46
 (Garratt, Kay, Dooling, Breesee)

1 PACIFIC NW 'A' 2:18.31
 (Haugland, Abrams, Kohler, Correa)

2 TAMALPAIS S.C. 2:25.45
 (Arrighi, Dickerson, Hoey, Ridout)

3 SAN MATEO MARLINS (Garrett, Morton, Paul, Roepeke) 2:27.56

4 MULTNOMAH ATH CLUB 2:28.78
 5 PACIFIC NW 'B' 2:30.87
 6 SUNCOAST MASTERS (Holliday, Jones, Logan, Culbertson) 2:37.17

7 ILLINOIS MASTERS (Rossi, Rappleyea, Turcotte, Mackey) 2:39.75

8 SANTA BARBARA S.C. 2:43.38
 (Rasmussen, McDaris, Erickson, Humbberger)

9 NORTH SHORES A.C. 2:44.59
 10 INLAND EMPIRE MAST 2:45.85

200 MTR MEDLEY RELAY
 Rec. ST. LOUIS MAST '76 2:33.50
 (Buss, Snorbus, Mueller, Burke)

1 PACIFIC N.W. 'A' 2:36.59
 (Kohler, Haugland, Abrams, Correa)

2 SAN MATEO MARLINS (Garrett, Paul, Morton, Roepeke) 2:48.05

3 SUNCOAST MASTERS (Holliday, Johnson, Jones, Culbertson) 2:54.47

4 TAMALPAIS S.C. 2:55.87
 5 ILLINOIS MASTERS (Turcotte, Rappleyea, Mackey, Oberwels) 2:56.23

6 PACIFIC NW 'B' 2:57.07
 7 MULTNOMAH ATH CLUB 2:58.01
 8 INLAND EMPIRE MAST 3:05.48
 9 SANTA BARBARA S.C. 3:05.95
 (Erickson, Humbberger, Rasmussen, McDaris)

WOMEN 45+
200 MTR FREESTYLE RELAY
 Rec. RINCONADA '74 2:19.85
 (Stimpson, Roper, Scholer, Bennett)

1 RINCONADA 'A' 2:22.30
 (Carr, Reeve, Baxter, Bennett)

2 SAN MATEO 'A' 2:41.88
 3 SANTA BARBARA SC (Erickson, Altus, McDaris, Jones) 2:48.32

4 PACIFIC NW MAST 2:54.27
 5 JEFFCO Y 2:59.22
 (Hinrichs, Mann, Jackson, Ziffel)

6 CONCORD MASTERS (Rogers, Walker, Brewer, Durston) 3:02.00

7 RINCONADA 'B' 3:07.09
 8 REDSHIELD TIGERS (Carlson, Marsen, Holm, Keller) 3:26.20

9 NORTH SHORES AC 3:27.61
 10 SAN MATEO 'B' 3:32.83

200 MTR MEDLEY RELAY
 Rec. RINCONADA '74 2:46.82
 (Stimpson, Roper, Scholer, Bennett)

1 RINCONADA 'A' 2:51.71
 (Reeve, Baxter, Bennett, Carr)

2 SAN MATEO MAR 'A' 3:10.98
 3 OHIO MASTERS (Ferguson, McKillop, Smith, Wunderlich)

4 SANTA BARBARA SC (Erickson, McDaris, Altus, Jones) 3:21.64

5 PACIFIC N.W. 3:24.47
 6 CONCORD MASTERS (Rogers, Walker, Brewer, Durston) 3:31.10

7 RINCONADA 'B' 3:31.76
 8 JEFFCO Y 3:37.51
 (Mann, Hinrichs, Zitel, Jackson)

9 WALNUT CREEK (McBeth, Reeves, Sidorsky, McMillan) 3:51.40

10 SAN MATEO 'B' 3:58.79

WOMEN 55+
200 MTR FREESTYLE RELAY
 Rec. DC MASTERS '75 2:53.20
 (Pessel, Hammer, Clark, Allen)

1 CAL TECH MASTERS (George, Peterson, Thompson, Pfeiffer) 3:08.20

2 SUNCOAST MASTERS (DeCarlo, Switzer, Dendy, Gest) 3:14.87

3 RINCONADA MASTERS 3:27.40
 4 SAN MATEO MARLINS 3:32.54

200 MTR MEDLEY RELAY
 Rec. DC MASTERS '75 3:12.88
 (Allen, Pessel, Clark, Hammer)

1 CAL TECH MASTERS (George, Peterson, Thompson, Pfeiffer) 3:30.70

2 SUNCOAST MASTERS (Gest, DeCarlo, Dendy, Smally) 3:41.00

3 SAN MATEO MARLINS 3:52.21
 4 RINCONADA MASTERS 4:42.81

WOMEN 65+
200 MTR FREESTYLE RELAY
 T. HUMUHUMU KUKUAPUA 4:35.54*
 (McConky, Cameron, Montgomery, Bennett)

200 MTR MEDLEY RELAY
 T. HUMUHUMU KUKUAPUA 5:13.44*
 (McConky, Montgomery, Bennett, Cameron)

8 PACIFIC NW 'B' 2:01.81
 9 TAMALPAIS S.C. 2:02.56
 10 ROCKY MTN MASTERS (West, Fisher, Cranmer, Walters)

MIXED 35+
 Rec. MICHIGAN MAST '76 1:57.17
 (Garbus, Wooley, Weir, LaPrise)

1 PACIFIC N.W. 'A' 2:01.01
 (Donovan, Haugland, Correa, Emery)

2 SAN MATEO MARLINS 2:06.75
 3 TAMALPAIS S.C. 2:08.11
 4 ILLINOIS MASTERS (Mackey, Oberwels, Gifford, Mulliken)

5 RINCONADA MASTERS 2:12.74
 6 INLAND EMPIRE MAST 2:12.74
 7 CORONADO MASTERS (Sunot, Lamott, Riddle, Worthington) 2:13.30

8 NORTH SHORES A.C. 2:13.61
 9 PACIFIC N.W. 'B' 2:13.68
 10 PACIFIC N.W. 'C' 2:17.74

MIXED 45+
 Rec. RINCONADA '74 2:04.41
 (Rodder, Bennett, Roper, Yates)

1 RINCONADA 'A' 2:11.05
 (Kerswill, Reeve, Bennett, Yates)

2 TAMALPAIS S.C. 2:14.11
 3 RINCONADA 'B' 2:24.70
 4 SAN MATEO MARLINS (Willson, Cunningham, Stanfel, Meserve) 2:24.80

5 HUMUHUMU 2:27.18
 6 JEFFCO Y 2:29.81
 (Hinrichs, Hinrichs, Mann, Lindstrom)

7 MIDDLE ATL MASTERS 2:31.46
 8 ILLINOIS MASTERS (Turcotte, Epley, Schmidt, Hutinger) 2:31.62

9 PACIFIC N.W. 2:33.96
 10 GOLD COAST MASTERS (Krauser, Murray, Ringel, Whiteleather) 2:35.99

MIXED 55+
 1 CONNECTICUT MAST (DONNELLY, PIERETTI, MERRILL, ERICH) 2:26.51*

2 LONG BEACH S.C. 2:29.33
 (Crowell, Simonton, Rankin, Merrick)

3 SAN MATEO MARLINS (VonBerckefeldt, Mattleson, Taft, Taft) 2:40.60

4 ILLINOIS MASTERS 2:42.06
 5 MASTERS OF TEXAS (Jewett, Hellman, Schiffer, Dallman) 2:45.50

6 CAL TECH MASTERS (George, Pfeiffer, Pfeiffer, Onsgard) 2:45.87

7 RINCONADA MASTERS 2:52.04
 8 ST. PETERSBURG REC (Cooper, Stewaert, Jennings, Jennings) 2:56.34

9 PACIFIC N.W. MAST 3:16.21
 10 RINCONADA MASTERS (Bailey, Johnston, Johnston, Kirkeby) 3:23.85*

MIXED 65+
 1 HUMUHUMU 3:25.58
 (Hott-Smith, McConkey, Montgomery, Osborne)

MEN 25+
200 MTR FREESTYLE RELAY
 Rec. CAL TECH '74 1:40.61
 (McGrath, Krueger, Boyer, Langendoen)

1 OLYMPIC CLUB 1:45.75
 (Fitzmaurice, Rudloff, Foote, Mann)

2 PACIFIC NW MASTERS 1:46.76
 3 NORTH SHORES A.C. 1:47.44
 4 OHIO MASTERS (Rhudy, Kitchen, Sautters, Fredricks) 1:49.07

5 HUMUHUMU 1:49.54
 6 TAMALPAIS S.C. 1:50.19
 7 INLAND EMPIRE MAST 1:50.33
 8 ST. PETERSBURG REC (Brown, Burr, Bartling, Greer) 1:51.56

9 ILLINOIS MASTERS 1:51.63
 (Barber, Barr, Penn, Sheldon)

10 GOLD COAST MASTERS (Rosser, Dawson, Bazant, Gray) 1:51.70

200 MTR MEDLEY RELAY
 Rec. RINCONADA '74 1:55.80
 (Halloy, Faunce, Oliver, Hammer)

1 OLYMPIC CLUB 1:57.84
 (Mann, Fitzmaurice, Foote, Rudloff)

2 ROCKY MTN MASTERS (Cooley, Kerr, Abrams, Garton) 1:59.39

3 PACIFIC NW MASTERS 1:59.69
 4 SAN MATEO MARLINS 2:00.73
 5 NORTH SHORES A.C. 2:02.50
 6 HUMUHUMU 2:04.02
 7 RINCONADA MASTERS (Zeigler, Bazant, Dawson, Rosser) 2:06.48

8 GOLD COAST MASTERS 2:06.48
 9 SANTA BARBARA S.C. 2:06.65
 (Stanby, Truxell, Homstad, Omer)

MEN 35+
200 MTR FREESTYLE
 1 HUMUHUMU 1:46.69*
 (Warner, Early, Thompson, Clark)

2 OLYMPIC CLUB 1:49.26
 3 PACIFIC NW 'A' 1:51.49
 4 D.C. MASTERS 1:54.90
 5 SAN MATEO MARLINS 1:58.15
 6 PACIFIC NW 'B' 2:01.85
 7 RINCONADA MASTERS (Kerswill, Reimann, Bennett, Price) 2:05.30

8 NORTH SHORES A.C. 2:05.43
 9 CELEBRITY SWIM TEAM (Morris, Davidson, Hay, Wardell) 2:06.78

10 INLAND EMPIRE MAST 2:08.38
200 MTR MEDLEY RELAY
 Rec. MICHIGAN MAST '76 2:02.60
 (Hartn, Stover, LaPrise, Woolley)

1 PACIFIC N.W. 'A' 2:16.16
 (Donovan, Taylor, Emery, Stauffer)

2 HUMUHUMU 2:06.22
 3 D.C. MASTERS 2:14.21
 4 INLAND EMPIRE MAST 2:15.45
 5 OLYMPIC CLUB 2:16.24
 6 SAN MATEO MARLINS 2:17.28
 7 PACIFIC NW 'B' 2:18.37
 8 GOLD COAST MASTERS (Nolan, Rohe, Jardine, Johnson) 2:19.19

9 ST. PETERSBURG REC (Betzler, Burns, Risher, Nagel) 2:19.82

10 NORTH SHORES A.C. 2:19.86

MEN 45+
200 MTR FREESTYLE RELAY
 Rec. MICHIGAN MASTERS 1:54.59
 1 SAN MATEO MARLINS (Taft, Willson, Cunningham, VonBerckefeldt) 1:59.60

2 WISCONSIN MASTERS (White, Kueny, Rockwell, Girdes) 2:00.33

3 RINCONADA MASTERS 2:00.71
 4 TAMALPAIS S.C. 2:01.52
 5 SAN DIEGO MASTERS (Bartlett, Lyndon, Haartz, Wilson) 2:05.03

6 NEW ENGLAND MASTERS 2:05.18
 7 CORONADO MASTERS (Blumenthal, Schmidt, Vickers, Sundt) 2:07.40

8 NORTH SHORES A.C. 2:08.38
 9 ILLINOIS MASTERS (Seegers, Koblish, Schmidt, Hutinger) 2:08.90

10 GOLD COAST MASTERS (Ringel, Holmes, Kern, Whiteleather) 2:09.22

200 MTR MEDLEY RELAY
 Rec. TOWA SWIM CLUB '76 2:11.65
 1 WISCONSIN MASTERS (White, Kueny, Rockwell, Girdes) 2:15.31

2 SAN MATEO MARLINS (Stupfel, Cunningham, Lomski, Willson) 2:22.22

3 PACIFIC N.W. 2:26.78
 4 SAN DIEGO MASTERS (Bennett, Karwill, Groh, Yates) 2:28.58

5 RINCONADA MASTERS 2:31.00
 6 MASTERS OF TEXAS (Hellman, Allen, Odobrina, Dallman) 2:31.64

7 DENVER A.C. 2:31.66
 (Truby, Yahn, LeVett, Kleist)

8 GOLD COAST MASTERS (Ringel, Holmes, Kern, Whiteleather) 2:34.59

9 ILLINOIS MASTERS (Seegers, Schmidt, Koblish, Rauba) 2:35.11

10 NORTH SHORES A.C. 2:35.54

MEN 55+
200 MTR FREESTYLE RELAY
 Rec. SAN DIEGO C.M. 2:05.36
 (Siefert, Zorilla, Croome, Latta)

1 ILLINOIS MASTERS (Epley, Acker, Havilock, Baugher) 2:12.60

2 ST. LOUIS MASTERS (Pier, Swanson, Grant, Bronk) 2:14.30

3 SAN MATEO MARLINS (Taft, Wells, Barnes, VonBerckefeldt) 2:15.56

4 MIDDLE ATL MASTERS 2:19.07
 5 ST. PETERSBURG REC (Cooper, Tillotson, Jennings, McGuire) 2:24.43

6 PACIFIC N.W. 2:29.58
 7 ROCKY MTN MASTERS (Talmadge, Wallower, Donald, Moran) 2:34.75

200 MTR MEDLEY RELAY
 1 SAN MATEO MARLINS (Taft, Wells, Barnes, VonBerckefeldt) 3:04.14*

2 ROCKY MTN MASTERS (Talmadge, Wallower, Donald, Kleist) 3:36.84

3 ILLINOIS MASTERS (Sielski, Acker, Epley, Baugher) 3:46.19

1 LONG BEACH MAST (Monahan, Guth, Hale, Clark) 2:28.08

2 MONTCLAIR HILLS (Trask, Perry, Kallunki, Hargrave) 2:50.26

3 HUMUHUMU (Anderson, Laury, Mott-Smith, Osborne) 3:09.70

4 RINCONADA MASTERS 3:15.59
 5 MULTNOMAH A.C. 3:41.28

200 MTR MEDLEY RELAY
 1 MONTCLAIR HILLS (Hargrave, Perry, Corson, Kallunki) 3:01.49*

2 LONG BEACH MASTERS (Monahan, Clark, Hale, Guth) 3:03.73

3 MULTNOMAH ATH CLUB 3:56.55
 4 RINCONADA MASTERS 3:59.67

5th ANNUAL MASTERS PENTATHLON
 Univ. High Sch., Irvine, Calif.
 November 13, 1977 - 25 yd pool

WOMEN 25-35
50 yd BACKSTROKE
 Barbara Dunbar 28* 26.60

Barbara Dunbar 20* 32.40
50 yd BREASTSTROKE
 Barbara Dunbar 29* 35.30

50 yd BUTTERFLY
 Barbara Dunbar 28* 28.64

100 yd INDIVIDUAL MEDLEY
 Barbara Dunbar 28* 1:06.78

WOMEN 30-34
50 yd FREESTYLE
 Sally Ann Peterson 31 27.40
 Lucy Johnson 30 27.41
 Mimi Frank 30 27.59
 Karen Wight 31 29.33
 Mary Lee Christensen 31* 30.07
 Cathy Berry 32 48.90

50 yd BACKSTROKE
 Mimi Frank 30 31.71
 Lucy Johnson 30 33.56
 Sally Ann Peterson 31 36.49
 Mary Lee Christensen 31* 36.55
 Karen Wight 31 38.50
 Cathy Berry 32 1:07.72

50 yd BREASTSTROKE
 Sally Ann Peterson 31 35.78
 Mimi Frank 30 37.33
 Lucy Johnson 30 38.53
 Mary Lee Christensen 31* 42.16
 Karen Wight 31 44.49

50 yd BUTTERFLY
 Lucy Johnson 30 29.83
 Mimi Frank 30 30.32
 Sally Ann Peterson 31 30.64
 Mary Lee Christensen 31* 31.30
 Cathy Berry 32 34.82

100 yd INDIVIDUAL MEDLEY
 Mimi Frank 30 1:08.51
 Lucy Johnson 30 1:10.03
 Sally Ann Peterson 31 1:11.71
 Mary Lee Christensen 31* 1:16.67
 Karen Wight 31 1:18.10

WOMEN 35-39
50 yd FREESTYLE
 Carol Jewell 35 28.96
 Janet Royer 36 29.45
 Sallie Humbarger 35 30.41
 Janice Gray 39 32.11
 Helen Geoffrion 38 35.48

50 yd BACKSTROKE
 Sallie Humbarger 35 39.42
 Carol Jewell 35 41.00
 Janice Gray 39 41.85
 Helen

<u>50 yd BUTTERFLY</u>	
Janet Lamott 42*	36.00
Jane Thornburg 40*	37.68
Adrienne Pipes 43*	39.00
Barbara Ficker 43	46.60
<u>100 yd INDIVIDUAL MEDLEY</u>	
Janet Lamott 42*	1:21.57
Jane Thornburg 40*	1:23.58
Adrienne Pipes 43*	1:28.53
Doris Gilbert 40	1:30.70
Barbara Ficker 43	1:43.57
<u>WOMEN 45-49</u>	
<u>50 yd FREESTYLE</u>	
Helga Palmer 48	30.91
Jacqueline Smith 46	31.50
Anne Adams 49	32.03
Janet Wolver 48	33.89
Margrit Graef 46	36.34
<u>50 yd BACKSTROKE</u>	
Anne Adams 49	38.35
Jacqueline Smith 46	40.03
Margrit Graef 46	42.45
Janet Wolver 48	42.63
Helga Palmer 48	45.18
Shirley Robinson 49	1:08.73
<u>50 yd BREASTSTROKE</u>	
Jacqueline Smith 46	40.67
Margrit Graef 46	41.06
Anne Adams 49	41.36
Helga Palmer 48	43.42
Janet Wolver 48	45.07
<u>50 yd BUTTERFLY</u>	
Anne Adams 49	35.50
Jacqueline Smith 46	37.46
Helga Palmer 48	39.18
Margrit Graef 46	42.50
Janet Wolver 48	43.14
<u>100 yd INDIVIDUAL MEDLEY</u>	
Anne Adams 49	1:18.47
Jacqueline Smith 46	1:23.04
Helga Palmer 48	1:29.13
Margrit Graef 46	1:29.33
Janet Wolver 48	1:30.85
<u>WOMEN 50-54</u>	
<u>50 yd FREESTYLE</u>	
Dorothy Lachasse 53	33.37
Alicia Horst 52*	36.11
<u>50 yd BACKSTROKE</u>	
Dorothy Lachasse 53	41.17
Alicia Horst 52*	47.26
<u>50 yd BREASTSTROKE</u>	
Alicia Horst 52*	40.55
Dorothy Lachasse 53	48.33
<u>50 yd BUTTERFLY</u>	
Dorothy Lachasse 53	42.65
<u>100 yd INDIVIDUAL MEDLEY</u>	
Dorothy Lachasse 53	1:30.53
<u>WOMEN 55-59</u>	
<u>50 yd FREESTYLE</u>	
Bette Crowell 57	36.03
Rita Simonson 59	38.35
Viola Thompson 59	40.61
<u>50 yd BACKSTROKE</u>	
Bette Crowell 57	43.66
Rita Simonson 59	48.33
Viola Thompson 59	50.59
<u>50 yd BREASTSTROKE</u>	
Viola Thompson 59	47.51
Bette Crowell 57	47.84
Rita Simonson 59	52.11
<u>50 yd BUTTERFLY</u>	
Viola Thompson 59	40.52
Bette Crowell 57	45.90
Rita Simonson 59	49.48
<u>100 yd INDIVIDUAL MEDLEY</u>	
Bette Crowell 57	1:33.73
Viola Thompson 59	1:38.36
Rita Simonson 59	1:42.89
<u>WOMEN 60-64</u>	
<u>50 yd FREESTYLE</u>	
Margaret George 60	41.42
Evelyn McKeon 63	42.23
Grace Deal 64	45.20
<u>50 yd BACKSTROKE</u>	
Margaret George 60	46.69
Evelyn McKeon 63	51.55
Grace Deal 64	54.39
<u>50 yd BREASTSTROKE</u>	
Evelyn McKeon 63	54.78
Margaret George 60	55.09
Grace Deal 64	59.12
<u>50 yd BUTTERFLY</u>	
Margaret George 60	51.14
Grace Deal 64	58.17
Evelyn McKeon 63	58.85
<u>100 yd INDIVIDUAL MEDLEY</u>	
Margaret George 60	1:45.62
Grace Deal 64	1:58.00
Evelyn McKeon 63	1:59.03
<u>WOMEN 65-69</u>	
<u>50 yd FREESTYLE</u>	
Haxine Merrill 65	38.15
<u>50 yd BACKSTROKE</u>	
Haxine Merrill 65	43.95
<u>50 yd BREASTSTROKE</u>	
Haxine Merrill 65	51.29
<u>50 yd BUTTERFLY</u>	
Haxine Merrill 65	47.28
<u>100 yd INDIVIDUAL MEDLEY</u>	
Haxine Merrill 65	1:37.43
<u>WOMEN 70-74</u>	
<u>50 yd FREESTYLE</u>	
Katherine Bolton 72	54.55
<u>50 yd BACKSTROKE</u>	
Katherine Bolton 72	1:06.07
<u>50 yd BREASTSTROKE</u>	
Katherine Bolton 72	1:02.43
<u>50 yd BUTTERFLY</u>	
Katherine Bolton 72	1:05.10
<u>100 yd IND. MED.</u>	
Katherine Bolton 72	2:21.09
<u>WOMEN 75-79</u>	
<u>50 yd FREESTYLE</u>	
Pearl Miller 79	1:15.02
<u>50 yd BACKSTROKE</u>	
Pearl Miller 79	1:15.39

<u>MEN 25-29</u>	
<u>50 yd FREESTYLE</u>	
Joe Dietrich 25	20.29
R. E. Hayes 26	22.95
Tom Ludwig 28	23.26
Sebe Garton 26	23.94
Corey Stanbury 26	24.13
Tom Coldren 25	25.36
David Dunbar 27*	26.99
<u>50 yd BACKSTROKE</u>	
Corey Stanbury 26	27.19
Tom Ludwig 28	27.49
Joe Dietrich 25	28.75
R. E. Hayes 26	29.09
Sebe Garton 26	31.83
Tom Coldren 25	33.08
David Dunbar 27*	34.24
<u>50 yd BREASTSTROKE</u>	
Tom Ludwig 28	29.35
Tom Coldren 25	30.60
Sebe Garton 26	31.12
R. E. Hayes 26	31.58
Joe Dietrich 25	32.73
Corey Stanbury 26	32.93
<u>50 yd BUTTERFLY</u>	
Tom Ludwig 28	24.40
Corey Stanbury 26	25.27
Joe Dietrich 25	25.41
R. E. Hayes 26	26.27
Tom Coldren 25	26.68
Sebe Garton 26	27.83
David Dunbar 27*	29.29
<u>100 yd INDIVIDUAL MEDLEY</u>	
Tom Ludwig 28	58.25
R. E. Hayes 26	58.90
Corey Stanbury 26	1:00.25
Joe Dietrich 25	1:00.90
Sebe Garton 26	1:04.05
Tom Coldren 25	1:04.56
David Dunbar 27*	1:12.44
<u>MEN 30-34</u>	
<u>50 yd FREESTYLE</u>	
Ken Krueger 31	23.33
Robert Smith 34	23.71
Dave Frank 33	24.11
Frans Nelson 34	24.40
William Leach 31	24.45
Ken Doeburg 34	25.34
Phil Jelinek 31	25.70
Richard Newquist 33	25.87
Jon Bales 33	26.13
J. T. Slaughter 32	26.39
Bill Berry 33	28.47
<u>50 yd BACKSTROKE</u>	
Ken Krueger 31	26.57
Robert Smith 34	27.11
Frans Nelson 34	27.47
Dave Frank 33	28.69
Stuart Thomson 34	29.34
William Leach 31	30.32
Phil Jelinek 31	32.66
Richard Newquist 33	33.04
Ken Doeburg 34	33.65
J. T. Slaughter 32	34.19
Jon Bales 33	37.51
Bill Berry 33	38.04
<u>50 yd BREASTSTROKE</u>	
Ken Doeburg 34	29.59
Dave Frank 33	30.74
J. T. Slaughter 32	31.61
Ken Krueger 31	32.13
Bill Berry 33	32.50
Robert Smith 34	32.67
William Leach 31	33.01
Frans Nelson 34	33.27
Richard Newquist 33	34.97
Jon Bales 33	35.33
Stuart Thomson 34	35.83
Phil Jelinek 31	36.48
<u>50 yd BUTTERFLY</u>	
Ken Krueger 31	25.22
Dave Frank 33	26.20
Robert Smith 34	26.33
William Leach 31	26.74
Stuart Thomson 34	27.01
Ken Doeburg 34	27.22
Richard Newquist 33	27.48
Frans Nelson 34	27.57
Jon Bales 33	28.41
Phil Jelinek 31	28.43
J. T. Slaughter 32	32.82
Bill Berry 33	33.30
<u>100 yd INDIVIDUAL MEDLEY</u>	
Ken Krueger 31	59.38
Dave Frank 33	1:00.65
Robert Smith 34	1:00.72
Frans Nelson 34	1:03.09
William Leach 31	1:03.37
Stuart Thomson 34	1:05.52
Ken Doeburg 34	1:05.72
Richard Newquist 33	1:07.76
Phil Jelinek 31	1:08.37
Jon Bales 33	1:08.96
J. T. Slaughter 32	1:09.09
Bill Berry 33	1:13.46
<u>MEN 35-39</u>	
<u>50 yd FREESTYLE</u>	
Hap Cole 36	24.28
Tom McAbee 35	24.88
Bill Page 37	25.28
George Wright 35	25.57
Curt Mosso 35	26.22
Gregory Gwin 35*	26.29
Jim Ferrell 35	28.13
John Schwarz 35	31.79
Robert Bergstrom 36	32.62
<u>50 yd BACKSTROKE</u>	
Tom McAbee 35	29.68
Hap Cole 36	32.24
George Wright 35	32.51
Curt Mosso 35	32.73
Bill Page 37	33.00

Gregory Gwin 35*	33.44
Robert Bergstrom 36	40.44
Jim Ferrell 35	41.29
John Schwarz 35	43.40
<u>50 yd BREASTSTROKE</u>	
Hap Cole 36	29.67
Tom McAbee 35	30.53
Gregory Gwin 35*	32.89
Jim Ferrell 35	33.97
Bill Page 37	34.82
George Wright 35	35.77
Curt Mosso 35	36.52
John Schwarz 35	39.11
Robert Bergstrom 36	43.39
<u>50 yd BUTTERFLY</u>	
Hap Cole 36	26.84
Tom McAbee 35	26.84
Bill Page 37	28.11
Curt Mosso 35	28.39
George Wright 35	28.42
Jim Ferrell 35	29.92
Gregory Gwin 35*	30.18
John Schwarz 35	36.16
Robert Bergstrom 36	46.63
<u>100 yd INDIVIDUAL MEDLEY</u>	
Tom McAbee 35	1:00.55
Hap Cole 36	1:03.52
Gregory Gwin 35*	1:06.32
George Wright 35	1:06.50
Bill Page 37	1:07.28
Curt Mosso 35	1:09.47
Jim Ferrell 35	1:13.70
John Schwarz 35	1:21.42
Robert Bergstrom 36	1:28.56
<u>MEN 40-44</u>	
<u>50 yd FREESTYLE</u>	
Richard Elliott 41	25.21
Rex Odell 40	27.16
Buddy Belshe 43	27.26
David Lamott 42*	28.35
Buick Symes 43	28.80
Fred Herr 40	30.33
Ron Richter 44	31.08
William Gray 43	32.02
John Austin 41	40.34
<u>50 yd BACKSTROKE</u>	
Richard Elliott 41	34.20
Buddy Belshe 43	34.59
David Lamott 42*	36.96
Ron Richter 44	39.66
Fred Herr 40	40.52
Rex Odell 40	40.57
William Gray 43	48.71
<u>50 yd BREASTSTROKE</u>	
Buick Symes 43	34.55
David Lamott 42*	35.09
Richard Elliott 41	35.70
Fred Herr 40	35.85
Ron Richter 44	36.17
Buddy Belshe 43	36.35
Rex Odell 40	37.41
William Gray 43	40.11
John Austin 41	41.29
<u>50 yd BUTTERFLY</u>	
Richard Elliott 41	27.94
David Lamott 42*	30.04
Buddy Belshe 43	31.52
Fred Herr 40	31.87
Ron Richter 44	34.53
Rex Odell 40	34.58
William Gray 43	37.79
<u>100 yd INDIVIDUAL MEDLEY</u>	
Richard Elliott 41	1:09.62
David Lamott 42*	1:11.34
Buddy Belshe 43	1:11.79
Rex Odell 40	1:15.38
Ron Richter 44	1:17.85
Fred Herr 40	1:18.38
William Gray 43	1:30.07
<u>MEN 45-49</u>	
<u>50 yd FREESTYLE</u>	
Frank Reynolds 45	25.98
Neal Palmer 47	26.00
Rudolf Graef 46	27.11
Curt Miller 45	27.17
Stan McConnell 46	27.81
Art Welch 45	28.28
Brockway Clark 47*	28.59
Tom Scottott 47	29.77
Ed Farrell 45	30.24
<u>50 yd BACKSTROKE</u>	
Neal Palmer 47	30.80
Frank Reynolds 45	31.84
Stan McConnell 46	33.16
Rudolf Graef 46	33.31
Brockway Clark 47*	33.37
Art Welch 45	36.50
Curt Miller 45	36.55
Tom Scottott 47	36.79
<u>50 yd BREASTSTROKE</u>	
Rudolf Graef 46	34.14
Neal Palmer 47	35.96
Curt Miller 45	36.42
Frank Reynolds 45	36.62
Brockway Clark 47*	36.86
Tom Scottott 47	36.98
Stan McConnell 46	37.82
Art Welch 45	41.88
<u>50 yd BUTTERFLY</u>	
Frank Reynolds 45	29.19
Stan McConnell 46	29.86
Art Welch 45	30.14
Curt Miller 45	30.34
Neal Palmer 47	30.43
Rudolf Graef 46	31.57
Brockway Clark 47*	32.11
Tom Scottott 47	33.25
<u>100 yd INDIVIDUAL MEDLEY</u>	
Frank Reynolds 45	1:08.50
Rudolf Graef 46	1:08.83
Neal Palmer 47	1:08.85
Stan McConnell 46	1:11.37
Curt Miller 45	1:11.86

Brockway Clark 47*	1:12.36
Art Welch 45	1:14.85
Tom Scottott 47	1:17.08
<u>MEN 50-54</u>	
<u>50 yd FREESTYLE</u>	
A. Arcidiacono 53*	27.35
Sanford Dickey 51	27.71
Jim Marcus 53	28.17
J. F. Williamson 53	30.06
C. Fred Schmidt 51	30.40
<u>50 yd BACKSTROKE</u>	
Jim Marcus 53	35.34
Sanford Dickey 51	36.11
J. F. Williamson 53	38.26
A. Arcidiacono 53*	39.83
C. Fred Schmidt 51	41.09
<u>50 yd BREASTSTROKE</u>	
Jim Marcus 53	35.22
J. F. Williamson 53	38.69
G. E. Simmers 51	39.30
Sanford Dickey 51	40.64
C. Fred Schmidt 51	42.37
A. Arcidiacono 53*	44.90
<u>50 yd BUTTERFLY</u>	
Sanford Dickey 51	32.07
Jim Marcus 53	32.74
A. Arcidiacono 53*	33.40
J. F. Williamson 53	35.39
G. E. Simmers 51	37.45
C. Fred Schmidt 51	43.42
<u>100 yd INDIVIDUAL MEDLEY</u>	
Sanford Dickey 51	1:13.21
Jim Marcus 53	1:15.40
J. F. Williamson 53	1:19.80
A. Arcidiacono 53*	1:21.73
C. Fred Schmidt 51	1:24.16
<u>MEN 55-59</u>	
<u>50 yd FREESTYLE</u>	
Bob Merrick 57	28.07
Ernie Neben 57	30.46
Milton Dahl 58	31.06
<u>50 yd BACKSTROKE</u>	
Bob Merrick 57	34.89
Ernie Neben 57	40.59
<u>50 yd BREASTSTROKE</u>	
Bob Merrick 57	37.22
Ernie Neben 57	38.19
Bruno Guppel 58	41.59
<u>50 yd BUTTERFLY</u>	
Bob Merrick 57	33.31
Ernie Neben 57	36.62
<u>100 yd INDIVIDUAL MEDLEY</u>	
Bob Merrick 57	1:13.50
Ernie Neben 57	1:21.80
<u>MEN 60-64</u>	
<u>50 yd FREESTYLE</u>	
Jerry Siefert 60*	27.45
Cliff Croome 60*	29.31
Don Rankin 61	30.01
Gene Wade 62	31.68
Walter Slike 64	40.81
<u>50 yd BACKSTROKE</u>	
Cliff Croome 60*	37.45
Jerry Siefert 60*	37.95
Don Rankin 61	41.71
Gene Wade 62	48.34
Walter Slike 64	57.98
<u>50 yd BREASTSTROKE</u>	
Cliff Croome 60*	39.07
Don Rankin 61	39.52
Jerry Siefert 60*	40.14
Gene Wade 62	44.63
Walter Slike 64	55.42
<u>50 yd BUTTERFLY</u>	
Cliff Croome 60*	33.36
Don Rankin 61	35.45
Gene Wade 62	36.79
Walter Slike 64	1:00.05
<u>100 yd INDIVIDUAL MEDLEY</u>	
Cliff Croome 60*	1:17.50
Jerry Siefert 60*	1:17.67
Don Rankin 61	1:20.31
Gene Wade 62	1:30.68
Walter Slike 64	2:04.08
<u>MEN 65-69</u>	
<u>50 yd FREESTYLE</u>	
Reg Richardson 66	29.61
Eldin Onsgard 65	34.84
Alfred Guth 69	38.87
Ernest Hale 67	39.32
<u>50 yd BACKSTROKE</u>	
Reg Richardson 66	37.92
Alfred Guth 69	46.72
Eldin Onsgard 65	48.73
Ernest Hale 67	50.94
<u>50 yd BREASTSTROKE</u>	
Reg Richardson 66	3

MASTERS NOTES SWIMMING

NATIONAL SHORT COURSE CHAMPIONSHIPS - Still no official word on WHERE the SC meet will be held. Mildred Anderson writes that Bud Dallmann is in the hospital recovering from open heart surgery. Bud had hoped to hold the meet at a high school in San Antonio, or at the University of Texas. However, Pat Patterson, coach at the University, does not have control of the leasing of the pool for a meet and it is quite expensive. Susan Buckley has said there is some interest in holding the meet in a pool in Plano, TX just outside of Dallas. So, all you people out there in Texas, please let us know WHERE the meet will be! Thanks.....

FROM THE NAUTILUS AQUATIC CLUB NEWSLETTER - If you can float on your back and propel yourself feet-first for two lengths of the pool, you're a Gentleman and a Sculler.....

TOP TEN PATCHES AND NUMERALS - If your name is among those listed in either the Short Course or Long Course Top Ten Times List, you are eligible for the "TopTen" patch and numeral. The O'H*1*0 Masters Swim Club has these for sale at \$3.00 for both the patch and numeral or if you already have the patch the numerals are 50¢. Please write to the club at P.O. Box 922, Massillon, OH 44646.....

RULES - It has come to my attention that in some parts of the country there is such a thing as an "Open Event", i.e. Women's 200 yd Open. Thus allowing competitors to choose the stroke they wish to swim at a 200 yd distance. I am sorry to say, but this is not quite proper. In swimming, the term open is applied to the meet - for senior swimmers (page 8 of the Swimming Rule Book). The event is any race or series of races in a given stroke and distance. This same interpretation has been around for many years. Just as in a freestyle event, all times - no matter what stroke used - are freestyle times. Backstrokers are not suppose to swim with butterflyers, etc.....

APOLOGY - Swim Master is sorry that it did not write to the Old Sternwheeler congratulating them on their September 18th issue which was a Special First Anniversary Issue. Just to let you know that I might be too busy to write but not too busy to read!.....

CHANNEL SWIMMER - Tom Hetzel has 8 solo crossings and 6 relays but has a baby due this summer, so may have to give it a pass. Tom says, "one would think I'd be satisfied, but the truth is I love the swim." Tom received his PH.D. Nov. 15th from Calif. Western Univ.....

SHARING AN EXPERIENCE - Dot Werry writes, "I was invited to do a benefit swim for the Heifer Project International, an organization that sends livestock and poultry to people in the impoverished areas around the world as well as here in the United States to help stop world hunger through this ongoing program of sharing the gift of life. This was the Second Annual Heifer Project Lake Tahoe Swim--a distance of 13 miles across the lake. Five of us (two men and three women) made the attempt July 31 with two of us completing the entire distance. The other three swimmers could not finish due to the cold water of Lake Tahoe and the high altitude. We sought pledges per mile to benefit the Heifer Project and collected after the swim for whatever amount of miles we completed. I have been a participant in the Sacramento YMCA aquatic fitness class for ten years and have been a member of the YMCA Masters Team for 2-1/2 years. We work out two evenings a week under the recent coaching of Dick Cabelera. Our former coach, Sylvia Ruuska Percy, was inducted last year into the Swimming Hall of Fame. Most of our members also work out other times during the week on their own. My training, beginning June 8, for the Lake Tahoe swim was done entirely on my own (no coaching). I worked out in a local lake near Sacramento twice only doing distances of approximately 2-1/2 to 3 miles. Also, I trained swimming laps in a local 50-mtr pool and working up to seven miles once. I spent ten days at Lake Tahoe during July training in the cold water and increasing my distance each day but never swimming more than 3 miles daily. Four days of training at Echo Lake put me in a higher altitude than Lake Tahoe (1500 ft higher) but about the same temp. of water the week before the planned swim.....

1979 NATIONAL CHAMPIONSHIPS - In order to plan ahead, the 1979 SC meet is to be held in the West and the 1979 LC meet is to be held in the Central part of the country. I am pleased to report that a bid has been received for the SC meet to be held in the city of Hilo, Hawaii. All 1979 and perhaps 1980 bids will be reviewed at the National Committee meeting next Dec.....



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1978

TO ALL OF YOU
HAPPY NEW YEAR

LIFETIME VIGOROUS SWIMMING FOR FUN, SPORT AND HEALTH

VOL VII - No 1

SWIM CALENDAR

- NEW JERSEY ASSOCIATION - Bob Walden, 93 Sagamore Dr., New Providence, NJ 07974
JAN 8. JAN 21. FEB 11. MAR 4. MAR 18
- CORONADO MASTERS TEAM - Alicia Horst, 571 Marina Ave., Coronado, CA 92118
MAR 19, MAY 28, JUL 30
- NEW ENGLAND ASSOCIATION - Judy Puleston, 95 Mathewson Rd., Barrington, RI 02806
JAN 7, JAN 29, FEB 17-18, APR 22-23
- SOUTHERN PACIFIC ASSOCIATION - Don Rankin, 11731 Heathcliff Dr., Santa Ana, CA 92705
JAN 22, FEB 5
- PACIFIC NORTHWEST ASSOCIATION - Tom Foley, 10011 - 40th S.W., Seattle, WA 98146
JAN 28-29, FEB 4-5, APR 8-9, JUL 15-16, AUG 12-13
- INLAND EMPIRE ASSOCIATION - Harry Lewis, 944 E. 39th, Spokane, WA 99203
JAN 13-15, MAR 17-19
- MICHIGAN ASSOCIATION - Henrietta Kryskalla, 3065 Bendelow Rd., Rochester, MI 48063
JAN 28, MAR 12, APR 16, APR 22-23
- WISCONSIN ASSOCIATION - John Bauman, 9717 Saratoga Dr., Caledonia, WI 53108
JAN 14, FEB 25, MAR 18-19, APR 8
- OZARK ASSOCIATION - David McIntyre, 517 Elizabeth Dr., St. Louis, MO 63119
FEB 11-12, MAR 11-12
- JAPAN - MASTERS SWIMMING FESTIVAL - Katsuo Uzawa, SWIMMING LIFE, Tobiuo Service Co., Ltd.
Sanrin-Shibuya Bldg., 3-26-20, Shibuya, Shibuya-Ku, Tokyo, Japan - MAR, JUN, OCT
- CANADA - Eleanor Jarvis, Olympium Club of Etobicoke, 590 Rathburn Rd., Etobicoke, Ontario,
Canada M9C 3T3 JAN 28 (sc mtr) FEB 19 (sc yd) JUN 3-4 (1c mtr)
- JAN ONE HOUR SWIM - Dale Petranec, 2059 Huntington Ave. #1112, Alexandria, VA 22303
- FEB 11 Cranford, NJ - Bill Reichle, #72B, 230 Sumner Ave., Roselle Park, NJ 07204
- FEB 11-12 Sun Belt Regionals - Kirk Canterbury, 6616 Rocky Falls Rd., Charlotte, NC 28211
- FEB 17-18 Mel Siebol, Manchester Rec. Dept., 41 Center St., Manchester, CT 06040
- MAR 4-5 Oklahoma SC - John H. George, 913 E. 10th, Edmond, OK 73034
- MAR 12 St. Charles - Meredith Scanlon, 71 McKinley St., St. Charles, IL 60174
- MAR 12 Midland Masters - Charles Moss, 2206 Cranbrook Dr., Midland, MI 48640
- MAR 18 Powel Crosley YMCA - Ed Hunter, 423 Flemridge Ct., Cincinnati, OH 45231
- APR 5-22 Far East Tour - Crenes World Travel, 8311 Louise Ave., Northridge, CA 91325
- APR 7-9 Southern Champ - Robert E. Beach, North Shore Pool, 901 North Shore Dr. NE,
St. Petersburg, FL 33701
- APR 28-30 Region XII SC Regionals - Seattle area
- APR 28-30 Dogwood Festival - Maureen Gallagher, 3506 Buford Hwy, 1-3, Atlanta, GA 30329
- MAY 12-14 YMCA CHAMP - Lou Falk, YMCA, 1000 N. Market St., Frederick, MD 21701
- MAY 19-22 NATIONAL SC CHAMP. - Bud Dallmann, 435 Kerlick Ln., New Braunfels, TX 78130
- MAY 26-28 ST. PETERSBURG LC - Robert E. Beach (above)
- JUL 22 NATIONAL LONG DISTANCE - Cliff Brown, N76W-22300 Cherry Hill Rd., Sussex, WI 53089
- AUG 11-13 Region XII LC Regionals - Portland area
- AUG 20-30 THE FIRST INT'L MASTERS AQUATIC COMPETITION, 559 Jarvis St., Toronto, Ontario,
Canada M4Y 2J1
- AUG 31-SEP 1-3 NATIONAL LC CHAMPIONSHIPS - Enid Uhrich, 25 Lafayette Rd., Newton, MA 02162