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FACTORS GOVERNING SUCCESS IN COMPETITIVE SWIMMING

(A BRIEF REVIEW OF RELATED STUDIES)
By Thomas K. Cureton, Ph. D.

Thomas K. Cureton, Ph.D., Professor Emeritus of Physical Education, University of Illinois addressed the Masters Swimmers attending the 1973 LC Championships Banquet held at the Conrad Hilton in Chicago on August 11th. Cureton is now Director of the Physical Fitness Institute at U of I.

Tom was named on the All-American Intercolligiate Swimming Team in 1923, in the backstroke. He was Captain of the Georgia Tech Swim Team and also swam at Tech High School in Atlanta, Ga. He competed with the Atlanta Athletic Club, 1919-22 in the Southeastern AAU and was a member of that championship team in the south. He has published as many as 100 books and articles on swimming, warfare aquatics, physical fitness, app lied physiology, and served as National Chairman of the YMCA Aquatic Program for 25 yrs. Dr. Cureton is a well-known International figure having lectured in 70 countries and seven Symposia at Olympic Games. His paper at the Munich Symposium was on "Improvements from Adult Fitness Programs".

And so, after 48 years, Dr. Cureton found himself sitting in the "Bull Pen" waiting for "heat" assignments with Jim Counsilman, "Bump" Jones, Lloyd Osborne and other notables, while attending the 1973 Masters LC Championships. His last competitive race against time was in 1925 as a member of the Intercollegiate Championship Team of 1925. Because of doing a lot of fitness (exercise) training in the interim, he took the races well, and in the 1500 meters, the 200 back and 200 IM races, he did not ache as he used to do in the 1920's as a college swimmer. Specific training for swimming is required. Though he had been immunized against stress, he was not fully trained for swimming."Never the less," he said, "it has been an inspirational experience, to see so many take part, and the wholesomeness of it all."

"There is a great void for the majority of adults, who settle down at about 25-26 years

to offices, or the women to homes, to make a living in the furious American Competitive mill, and promptly give up their physical training regimes, if they existed at all. Middle aged America is not very fit, so the many thousands in training across the country for an event like this is a wholesome sign, and it will spread to others. Americans should find some was to keep up vigorous exercise and shuffle-board and golf are not enough."

EXCERPTS FROM ADDRESS

Factors Governing Success in Competitive 1. Mental attitude to train and Swimming: work hard; 2. Structural aptitude - constitutional body type (the body itself); 3. Organic fitness, both circulatory-respiratory and neuro-endocrine fitness; and 4. Efficiency of stroke mechanics, event by event. Since publishing these four main factors in 1934, the emphasis has been on "more total work", longer (year-around) training schedules, the "Flip-Turns", more use of dietary supplements(B-vitamins, wheat germ and wheat germ oil, kelp and general vitamin-mineral additions to the diet); also, better pools and more of them, and the WONDERFUL DEVELOP-MENT OF AGE-GROUP SWIMMING. Now this is extended to adults over 25, THE MASTER'S PRO-GRAM.

The Master's Swimming Program, a Contribution to Adult Fitness: With recognition of the relatively low level of middle aged fitness in this country from 26-80, the Master's Swimming Program is an incentive to keep working at physical training in these years. From data at hand, and in the National Aging Institute, in Baltimore, the curves of almost every circulatory-respiratory fitness test goes definitely downward after 25 yrs of age. But now many thousands are working at "adult fitness through swimming". There is great experimentation with the methods of fitness: interval training, circuit training, repetitious "burst" training, repetitious pace work (part-distance), and longer developmental programs --- trying to raise the fitness levels. Counsilman summarized that all of these are needed to break monotony and to

train for various distances and to develop both aerobic and anaerobic capacity.

Failure Is In Fitness Deterioration: Tests show that cardiovascular-respiratory tests get relatively poorer with age. The curves go definitely downward, and a 4:36 Olympic swimmer does 6:36 at 45 years of age. go down faster than others. Trained swimmers have stronger heart beats, higher stroke volume, lower internal arterial resistance. and better respiration and lower cholesterol than others non-trained of the same age. Strength can be pretty well maintained until 65-70; but the ability of the nervous system to take stress diminishes a bit. Flexability is generally poorer with age, and this hurts the swimming time some. Steady work is needed to stretch stiffening joints, especially the ankles. Stretching exercises are highly indicated for aging swimmers. Certain minerals and vitamins are used up faster in hard training, especially in adults. may be replaced by artificial vitamins and additions of iron, calcium, magnesium, phosphorous, potassium. It is probably that five days per week are enough for adults to train. Milk is essential (skimmed or 2% low fat) in the diet, and loss of water. Fibrous vegetables and fruits are also very valuable. Adults drinking alcoholic drinks do not eat enough of the right foods and smoking is definitely detrimental. High amounts of vitamin C are also needed.

Swimming Aptitude: The middle-ager, somewhat lower in energy capacity, nevertheless may float flatter and be a bit more buoyanttraits which give girls an advantage over The flat floater, is built for most men. longer races, whereas, the candidate with heavy legs in the water and poor floatability, must work harder, and may succeed better in sprints. Finding the optimal event is a prime problem. A strong heart stroke is a great asset (by heartograph or BCG). A slow pulse rate is also helpful, and relatively low diastolic blood pressures and moderate systolic pressures, and relatively long breath-holding time --- are all assets. Psychological conditioning is mainly just getting fitter and fitter and knowing it. Very few people reach their full potential because of structural limitations partly, which are hard to improve, but more so because of lack of sufficient training and related confidence. Knowing the pace that one can stand is a mental matter, requiring keen judgement.

Results Of Some Studies: With older competitors, warm-up is very important and protective, as shown in the ECG studies, because

without warm-up there are marked arrhythmias and depressed ST-segments brought on by lack of warm-up, indicating greater heart stress, but these are almost non-existent after a gradual progressive warm-up. (2) Adequate generalized training, as in jogging, cycling, walk-jog, continuous rhythmical calisthenics (imitating the swimming movements), do train the central nervous system to bear stress -the pulse rate gets slower and the stroke volume greater (by heartometer). Most of all, the sensory centers in the muscles, blood vessels and lungs get less and less sensitive to stress. The WORK, on a gradual progressive pace basis is the real thing --more and more of it. Swimming is predominantly an endurance exercise but such endurance depends on ability to fight the accumulating CO and stress-tension (high diastolic pressure) which develops in timed races. Work, Work, and more Work - has a desensitizing effect. Inadequately trained swimmers do suffer but I consider swimming, with water pressure on the body, a virtual protection against vaso-motor collapse. There are almost no real fatalities in competitive swimming. The risk factors related to coronary heart disease are generally reduced. (3) The TOTAL AIR (intake and expiration) must be as large as possible in races over 100 m. O, debt builds up and one cannot get rid of enough CO2 --- it is the latter which causes distressful feelings. So, do respiratory drills, and learn to breathe more and more, stretch the chest, bob and do some breathholding work followed by maximal forced Swimming is one of the best exbreathing. ercises to develop the respiratory capacity; do not hyper-ventilate greatly before swimming, but do more and more as the work is longer than 100 m. After 20-30 min. in the pool, there is no danger from hyper-ventilation, as the body needs as much air as possible to keep the CO, level down in the lungs and blood. The respiratory muscles need a great deal of over-training to be best in swimming.



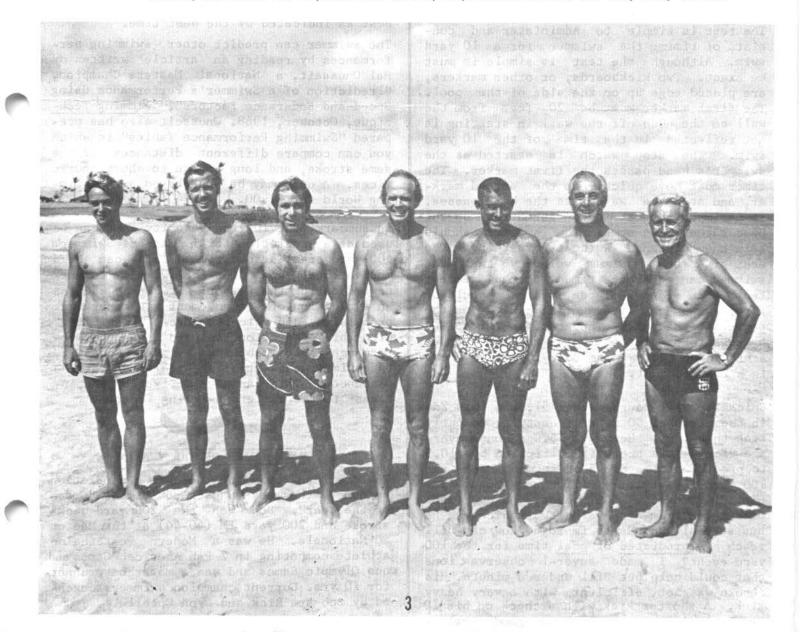
ANNUAL CONVENTION

The 86th Annual Convention of the Amateur Athletic Union of the U.S. will be held in West Yellowstone, Montana on October 8-13, 1973. The Masters Swimming Committee will hold their annual meeting at 8:00 p.m., October 10, Wednesday, in Room B of the Community Church.





- Congratulations to Ann and Jay Platt who were married in early September and we understand they were in Hawaii for their honeymoon.
- Competing in a Masters meet at John B. Kelly Pool in Philadelphia on July 20th were left to right: Rosen Franks, Jack Kelly, Bill Clinton and Bob Mattson.
- Some Waikiki Swim Club members at weekly practice session at Ala Moana Park in Honolulu are left to right: Rick Thomas (sub-Masters Age Group), Richard Merritt (25-29), Harry Huffaker (30-34), Jim Cotton (40-44), Jim Welch (55-59), Lloyd Osborne (60-64) and Wally Laury (70-79).



PREDICTIVE TEST FOR MASTERS SWIMMING PERFORMANCE

by Dr. Paul Hutinger Western Illinois University

Would you like to find out your maximum potential performance time for the 100 yard freestyle? Many Masters Swimmers who have not had experience in competitive swimming have little knowledge of their potential speed. Former competitive swimmers have no idea of the effect of aging upon their performance potential. Dr. Ransom Arthur has a rule of thumb gained from years of experience working with masters swimmers. He feels the average former competitive swimmer should be able to achieve 90% of his or her former time. For example, a swimmer with a best time of 55 seconds should be able to do one minute for the 100 yard freestyle.

A predictive test for competitive swimmers has been devised at the Human Performance Laboratory at Western Illinois University. The test is simple to administer and consists of timing the swimmer for a 10 yard swim. Although the test is simple it must be exact. Two kickboards, or other markers, are placed edge up on the side of the pool. The first marker must be 20 feet from the wall so the push off the wall in starting is not reflected in the time of the 10 yard swim. The stop watch is started as the swimmer's head passes the first marker. The timer must move quickly to the second marker, and stop the watch as the head passes. It is important to focus attention on the head rather than arms. The swimmer should swim the distance wuthout breathing. The test gives the maximum velocity that the swimmer can generate, timed to the nearest tenth of a second. Three trials should be given with the average time used as the score for the test. The score is multiplied by 10.5 to predict the best time that can be achieved by the swimmer for 100 yards crawl in a 25 yard pool.

Chicagoan Bill Baugher, age 51, who was 2nd in the National 50 meter freestyle, recently took this test. He had a 5.6 seconds average time. This score is multiplied by 10.5 to predict a time of 58.8 seconds for the 100 yard freestyle. Bill has a best time of 1:01.9 for the 100 yards, however the prediction from his velocity indicates he has several seconds to improve. How can Bill reach his predicted or goal time for the 100 yard event? I made several observations that could help put Bill under a minute. His stroke was not efficient with a very heavy kick. A shorter kick with a check on his 10 4 yard velocity time would be a good evaluation. Training should be specific to the stress encountered in the 100 yard swim. He needs, also, to improve his turns. The improvement in turns can be measured and evaluated by timing the turn from 5 yards from the wall, using the head as it passes the marker going in and coming out.

The 10 yard predictive test can be used with the breaststroke, butterfly and backstroke. The turns are slower in these strokes, however, so a factor of 10.8 instead of 10.5 should be used for backstroke if a flip turn is used and 11.0 for breaststroke and butterfly.

The 10 yard velocity test also has another application for stroke efficiency evaluation. The test is given the swimmer with breathing and without. If the time is greater than .2 seconds the swimmer should work on improvement of breathing techniques. Several breathing patterns can be used such as single breathing, 3 stroke (alternate sides), and four stroke. The swimmer can be timed in using the different patterns and select the best as indicated by the best time.

The swimmer can predict other swimming performances by reading an article written by Hal Onusseit, a National Masters Champion, "Prediction of a Swimmer's Performance Using Speed and Endurance Factors", Swimming Technique, October, 1968. Onusseit also has prepared "Swimming Performance Tables" in which you can compare different distances of the same stroke, and long course to short course times. A copy may be purchased from Swiming World for \$1.00.

In summary, the 10 yard velocity test can be used as a prediction for the Masters Swimmer's 100 yard crawl stroke time. This can be a motivational goal for the swimmer to work toward during the season. It can be used as an evaluation of improvement in generating propulsive, and velocity forces in swimming. With this prediction test and using the Performance tables published by Hal Onusseit, the swimmer can establish goals for various distances. This can give motivation and interest to the Masters Swimming Program.



ASCA COACH OF THE YEAR

The American Swimming Coaches Association announced they have chosen Bob Miller "Coach of the Year". Bob won the 200 yard backstroke and 200 yard IM (40-44) at the Master SC Nationals. He was a Modern Pentathalon athlete competing in 2 Pan American Games and one Olympic Games and was a marathon runner for 10 yrs. Current champion swimmers coached by Bob are Rick and Lynn Colella.

CONVERSATIONS DRIVING HOME FROM CHICAGO

by Rexene Ashford

Did anyone have an itchy ear on Monday after the Long Course Nationals in Chicago? Well-I would hate to say we gave anyone an itchy ear, but --- four women in a car on a long drive do a lot of talking and the subject was --- what else --- the meet and all the friends we met again and the new friends we had found.

Curiosity got the better of us and it became a game to speculate on how many children or grandchildren someone had, where did they live, what did they do in "civilian life". Even more interesting was a face that was vaguely familiar, what was her maiden name and where did she swim before. Could she be so-and-so who swam for such-and-such team? With the changes the years do bring it becomes a guessing game to put names and places with faces. Another question was how many old friends might be swimming now but so far away our paths haven't crossed yet.

Some 790 miles later out of these silly but sometimes serious conversations came an idea --- a "who's Who in Masters Swimming." This isn't meant to be a select group but everyone who is interested in the program & swims competitively anywhere in the country. We hope a large number of other people are equally curious because next spring the ACC Gym Masters Swim Team will have (hopefully) a booklet available with general biographical information on most of the people participating actively in the Masters Program.

Several methods of soliciting information will be used. Secretaries of organized teams may submit 3 x 5 cards for each member and for new members as they join. Swimmers who are unattached should send in their own information. If duplicates for an individual come in, that's fine, better to have two sets of information than to leave someone out.

The first deadline for information will be December 15, 1973. Mail cards to Pat Clinton, ACC Gym, Copperstown, New York 13326.

Because the friendships and social aspects of the Master's program contribute greatly to the whole concept of Health, Fellowship and Fun, we hope this will be an aid to finding old friends, meeting new friends with the same interests and enthusiasms and helping everyone new feel more at ease because they can find out about everyone without masking numerous questions.

Information requested: Name including maiden name, age, birthdate, number of children and grandchildren and age range, current address and phone number, occupation, husband's or wife's name and occupation, hometown high-school and college attended, past and present school, club or team affiliations, outstanding swimming achievements, and any other information which you think may be of interest.

SWIMMING NOTES

MASTER'S SWIMMING NEWS FROM ENGLAND by Cease Brown: The big news is that the 1973 Master's Swim Champ, will be taking place on Sat., Nov. 17th. The organizer, Eric Kimber of the Otter Swimming Club says, "judging from early enquiries and the enthusiastic comments we have received from all over Great Britain the 1973 Masters Championships should be a great sporting and social event ... " ---The Amateur Swimming Association has just announced the ASA Adult Award Scheme. There is a two fold purpose in the program, one to encourage adults to learn to swim and to obtain minimum proficience, and two to encourace adults to continue swimming, once they have learned, as a purposeful recreation. --- Master's swimmers proved to be big winners in the recent Royal Navy Swimming Champ. Royal Navy Swim coach Paddy Hayes (40-45) did extremely well against the youngsters in the meet. Former Great Britain international star Dave Finnegan, (25-29), now of the Royal Marines won both breaststroke events. Cease, as an exchange officer with the Royal Navy surprised herself by winning two firsts against the teens. NEW ZEALAND TRIP: Any Master's Swimmers interested in an 18-day trip to New Zealand and possibly Australia in late February and early March should contact Richard H. Rahe, CDR, MC, USNR, NECL CODE 8000, San Diego, CA 92152. The estimated price --- including hotels and tours - is approximately \$1,000, per person (for a double room). 15 swimmers definitely committed by mid-December are needed in order to obtain this special rate. THE BROWN FAMILY: Clifford Brown submitted a detailed account of his family's participation in Masters Swimming. Four family members entered in the 1973 SC Nationals and accomplished more than I have room to print. The family members consist of Cliff Brown, daughter Sandy Brown, daughter Edie Gruender and son-in-law Dan Gruender.

MASTERS SWIMMING - OVER COMPETITIVE? ----Ken Coon from Colville, WA writes: "... I would like to join the ever growing group of those who see fit to comment on the course of masters swimming, particularly in reference to 'becoming overly competitive'. For what ever it is worth, my authority to comment on the subject is based on the fact that I have been a masters swimmer almost from the be-'ginning and have been a member of Anne Adam's SPA AAU committee. With no swimming background, little time to train (two thousand yards per week average) and little or no natural talent, I have been, admittedly a perennial 'also-ran'. However, I do have some background in physical training. As I see it, masters swimming has just 3 things to offer - all beneficial. (1) Improved health through conditioning, (2) an opportunity to engage in athletic competition, for ego-sake or whatever, and (3) a social and recreational element, providing the opportunity to meet and associate with people of similar age and interests..." and "...As obsucre as it may be, the point I am trying to make is that in all of our planning for the future direction of masters swimming, let's make a genuine effort to keep the fun element alive and plan novice or B events at every meet. Always try to include some fun events such as relays. Plan for lots of social get-togethers. Obviously, without competition there would be no masters program. Also, it is only right that those who put the most into swimming should win the medals and noteriety, but the program will best serve it's purpose if we attract the 'not quite so serious' swimmers..."

MISSING AN ISSUE OF SWIM MASTER? Mrs. Glenda Sharp writes: "Hi! Just a line to let you know you have forgotten our SwimMaster. Mr. George Henery & ME, Glenda Sharp, have been hunting through our daily mail box's with frantic thoughts, 'Oh where, Oh where is the Swim Master'. Please send them to us. We will be delighted to settle our despair with such delightful reading."

RECOUPERATING: Anne Adams happily reports that she received a letter from Dave Dutrow who is recovering from his heart condition at home. He sounds pretty good - like any good athlete - spirits high.

CONGRATULATIONS: Pedro Garcia of Costa Mesa, CA, writes: "Although I did not make the SC Masters Nationals in CA this year (due to illness) I was amazed and pleased to see the increased number of new entrants in the four strokes of swimming, particularly in my age group (40-44) where I counted approximately 40 new names in comparison with last year's also the terrific times they all registered. and of course this holds true for the rest of the groups of both sexes. I heard the meet was a success, and I want to take the opportunity to congratulate all the persons involved in putting it together so beautifully. Again it is nice and encouraging to witness so many masters interested in keeping themselves in good shape, conserving healthy heart and just having clean fun."

SWIM MEET SCHEDULE

OCT	7	Leatherstocking Masters Swim Meet, Pat Clinton, Alfred Corning Clark Gym, Cooperstown, NY 13326
OCT	6-7 o	r 13-14 Cal Tech, Anne Adams, 17432 Osborne St., Northridge, CA 91324
OCT	2, NOV	6, FEB 5, APR 2 - New England Masters Mini-Meets - Enid Uhrich, 12 Highland Way, Burlington, MA 01803 272-0885
OCT	20-21	Oak Ridge Masters Fall Invitational, Winnie Krogsrud, 110 Vassar Rd., Oak Ridge, TN 37830
OCT	27	Potomac Valley Masters Fall Meet, Robert Husson, 10301 - 45th Pl. #201, Beltsville, MD 20705 (301) 937-6230
OCT	28	FORT Lauderdale Masters Swim Meet, June Krauser, 5340 N.E. 17th Ave., Ft. Lauderdale, FL 33308 (305) 771-8835 (305) 961-9700
NOV	10*	Syracuse Parks and Recreation Chargers Masters Meet Robert Swindler, Dept. of Parks & Rec., 412 Spencer St., Syracuse, NY
NOV	10 or	11 North/South_Dual Meet, Contact Anne Adams (above)
NOV	24-25	Sarasota YMCA Thanksgiving Meet, Coach Tim Hill, Sarasota YMCA, 1075 S. Euclid Ave., Sarasota, FL 33579 (813) 955-8194
DEC	2	Winter New England Masters SC Meet, Contact Unid Uhrich (above)
DEC	8	Long Beach City College, Contact Anne Adams (above)
DEC	8	Masters Swimming Meet - University of Iowa, Iowa City, IA Ford B. Parkes, 2611 E. Court St., Iowa City, IA 52240 (319) 353-4859
JAN	13, FEB	10, MAR 31 Lake Erie AAU Masters Meets, Harold Urban, 2247 Walter Rd., West Lake, OH 44145 (216) 777-2610
MAR	22-24	Southern Masters A.A.U. Meet, Judge Robert E. Beach, Judicial Building, Room 402, St. Petersburg, FL 33701

Jane Huber swims Otsego Lake in five hours plus

COOPERSTOWN — A
Cooperstown mother of four, 40year-old Jane Huber swam the
entire nine-mile length of Otsego
Lake in five hours and 19 minutes last week.

Previous times recently known are seven hours by a life guard from the Cooperstown Country Club, and five hours & 45 minutes by a lifeguard from the State Glimmerglass Park in Springfield.

Mrs. Huber bettered the record of the five hours and 45 minutes by 26 minutes, at almost twice the age of the life-guards.

Jane was accompanied in a rance by her husband, her daughter Clair, and Stephanie Sheffield. Mrs. Huber has been a part of the Cooperstown Masters Swim Team for 18 months now. "We train every day. I swim at leaast a mile every day and thanks to this kind of training I was able to stay with it an finish. I am told in good time," Mrs. Huber said.

Jane and David Huber and their four children have been residents of Cooperstown since July of 1969. David is a pilot engineer for Pan American World Airlines.

Jane has recently accepted the position of secretary to Angus Mackie, the Otsego County Drug Coordinator, County Office Building in Cooperstown.

According to Jane anyone over 25 years of age may join the Masters Swim Team. The Team will travel to Chicago to participate in the Second National Long Course Championships, August 10, 11 and 12.

Each team member will compete in five events, the number allowable. Making the Chicago trip will fe Rexene Ashford, Pat Clinton, Jane Hanson, Jane Huber and Carol O'Hara of Otego, the newest member of the Swim Team.

The Team will also be defending their championship titles in the Medley Relay and Free Style Relay. As a Team the Alfred Corning Clark Swim Team placed 16th against 6 teams at the National Championship Short Course Swim Meet held in Santa Monica, Calif. in May of this year



TAKE IT FROM A PRO — Gertrude Ederle, 66, the first woman to swim the English Channel on Aug. 6, 1926, shows this youngster how she did it. Miss Ederle, shown in Sea Bright, N. J., loves teaching kids to swim. Before swimming the channel, she was an Olympic gold medalist on the same U. S. team as Johnny Weissmuller in 1924. She also was a world record holder in swim sprints.

FOR LAWRENCE WELK

Doesn't your dancing worry your doctor, when you get so out of breath afterward? It sure worries this fan.—Mrs. Rose Sands, Brookfield Center, Conn.

 I'm an ardent golfer, and I swim every morning, so I'm used to a lot of exercise. No, my doctor is not concerned about my dancing.





GREAT LOOKS — And, they can swim. Eastern's contingent in the recent National AAU Masters Swim Championships in Chicago are (from left) Raoul Garcia, Millie Bergeron, Carolyn Rabinovitch and Stephen Rabinovitch.

Photo by S.D. Rabinovitch

Millie Bergeron's 4 Victories Pace Masters Swimmers in Nationals

CHICAGO — Paced by Millie Bergeron is four individual victories, Eastern's contingent of veteran swimmers scored well in the National AAU Masters Swim Championships (long course) recently.

Millie, swimming in the age 30-35 group, took the 100-meter backstroke, 200-meter backstroke, 100-meter butterfly and the 200-meter individual medley.

This kind of performance, added to her victories in the 100-yard backstroke and 200-yard individual medley at the National Short Course Championships at Santa Monica, Calif., in May, won her a place on the All-American Team for 1973.

Millie formerly is from Montreal where she swam in national competition 15 years ago. She's been with Eastern the last nine years.

OTHER Eastern swimmers excelled. Raoul Garcia, husband of Mrs. L. Garcia in consumer relations and a former Olympic swimmer from Cuba in the 1948 games, swam to two second places in the meet held at the

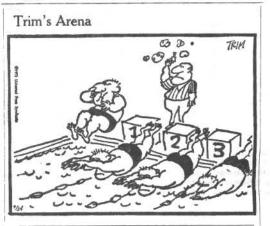
University of Illinois (at Chicago). He was close in the 50-meter and 100-meter freestyle events and placed fourth in the 200-meter freestyle, all in the 40-45 age group.

Steve Rabinovitch, DC-8 first officer in Miami, and a former Olympian from Canada, won the 100- and 200-meter breastroke to retain the title he won last year in the 30-35 age group. At the Santa Monica event, he won the 100- and 200-yard events to qualify for the All-American team — four separate victories required for that qualification.

CAROLYN Rabinovitch, senior flight attendant from Miami and 9-year employee, has taken over the presidency of the Masters of Florida Swim Club, 45 members strong.

Eight are from Eastern, Carolyn reports. They invite anyone who likes to compete to come on out for the club. To get in touch with Carolyn, write Masters of Florida, 11800 N.E. 8 Ave., Biscayne Park. Fla. 33161.

THE MILWAUKEE JOURNAL





CHANNEL SWIMMER STELLA TAYLOR . . . ended up swimming twice as far

Channel Swimmer Aiming To Do It Again-Both Ways

By LINDA SHERBERT Staff Writer

After swimming 45 miles against cold English Channel tides, Fort Lauderdale's Stella Taylor arrived home last night vowing to cross the channel again - both ways.

Minutes after stepping from a plane, the Coral Ridge Country Club pool manager said, "I'm going back to the channel and I'll swim both directions."

Miss Taylor, 38, crossed the 21-mile stretch a week ago in 15 hours, 45 minutes. She said shifting tides dragged her behind

her expected landing spot, so she finally swam through 45 miles of 60-degree water. She crossed from Shakespeare Cliff on the English shore to Cap Blanc Nez on the French side

A Channel Swimmers' Association observer and boat pilot followed her when she left at 10 p.m. until she arrived at Cap Blanc Nez early in the afternoon the next

day.
Miss Taylor said she is the first Florida woman to swim the channel.

Clad in a red and white Northeast High

School bathing suit, goggles, and a heavy lathering of petroleum jelly and lanolin, she was well-prepared for the challenge. "I wore the Northeast bathing suit be-

cause my coach Robert Duenkel is also swim team coach there," she said. "He helped me a great deal with my

stroke. After three hours in the channel, I really appreciated his advice, but my arms were killing me.

"I prayed and sang Beatles' songs to keep myself going," she said, "I could have easily fallen asleep, but the boat pilot wouldn't let me. I had told him ahead of time to brow-beat me into finishing the swim."

She said she remembers thinking to her-self, "Oh, dear God, I can't become unconscious.

"By the second day I didn't even care if a shark came after me. There had been a shark scare two weeks earlier.

"And, thank goodness, I wasn't even cold. Before I left I drank lots of cod liver oil and malt to fatten up, so that I could hold body heat in the water," she said, adding that now she wants to trim down her

164-pound frame.

She said she chose the England-to-France route because it offered a greater challenge. But the currents almost tugged her into a large buoy.

She said she ate no food on the trip, but

managed to drink a few small cups of cof-

English-born Miss Taylor lives at 3345 NE 32nd St., just off the Galt Ocean Mile. She said the first thing she wanted to do, upon returning home, was to see her pet poodle and cat.

THE MONDAY PAPER

Anne McGuire cops a record

A Delray mother of four who sometimes skips a fifth set of tennis to fit in her daily two-mile jog last week splashed to a new national record for swimmers 35-and-over.

Competing in the National AAU Masters Swim Championships over the Memorial Day weekend, Anne McGuire, of 901 S. E. 7th Ave., raced to a 2:51:7 clocking in the 200-yard individual medley and chalked up second place finishes in four other events.

Anne's "near misses" came in the 1650-yard freestyle, the 100-yard breaststroke, 200-yard breaststroke and 100-

yard butterfly.
In the latter event, Anne finished just .7 second off the pace, losing to a former teammate from the Lafayette Swim Club of Purdue University, where Anne was a member of a 1954 world-recordsetting-team in the 400yard medley relay.

Another familiar face from the past looked back over a shoulder at Anne in the 100 and 200 breaststrokes as Ivanelle Hoe, a Hawaijan swimmer who beat Anne 20 years ago, proved a jinx once more.

More than 500 competed in the Masters this year, an annual event for swimmers 25 years or over. Competition is divided by age groups, starting with 25 through 29 and 5-year brackets thereafter, (One competitor had celebrated an 86th birthday!)

As one might expect, Anne and husband Jim, a professor of physics at Florida Atlantic University, have raised a sports oriented family. Sally, 14, Scott, 12, Jimbo, 11, and Margaret, 8, all swim, play tennis, skin dive and sail.

Anne, along with three other ex-Purdue University girl swimmers,

is a member of Ft. Lauderdale's Aquatic Club. Since all four have been national champions, there's no lack of competition to keep everyone sharp.

This summer, Anne will be at Boca's St. Andrew's Camp in charge of the swimming program, perhaps starting another gal on her way to national







Mother of four swims to five gold medals

By Maria Karagianis Globe Staff



GINNY STEPHANOS' SHOWS HER PRIZE-WINNING BUTTERFLY STROKE. (Joseph Runci photo)

Mrs. Stephanos remained calm. "It's like this most of the time around here," she said.

She learned how to handle noisy boys a long time ago as a coach. "I once coached a football team of seventh and eighth grade parochial school boys. The nuns were afraid to hire me at first and the boys were even more afraid when they discovered the coach was a lady.

"I had to earn their respect and I think I finally succeeded. Our final record was seven wins, two losses and one tie."

Ginny Stephanos has always loved sports — both as a fan and as a participant. In high school, she was an avid booster of her older brother Brian, a star quarterback at Holy Cross. Later, in college, she rooted for Charlie Stephanos, a three time all-American swimmer at Ohio State. She married him in 1959.

A long time ago, even before she was a fan, she was a swimmer. "I started at the age of nine," she said. "There were Labor Day races every year at the pool near my house in Medford."

As she explained it, one year the habitually tardy young Ginny missed the race for nine-year-old girls and begged to compete in the only remaining race — a competition for boys 16 and under. She won it and went on to capture a number of national championships before her brief career ended at the age of 16.

"It boiled down to a question of money and time," she said. "In those days there were no swimming scholarships for girls. My father died and I had to work to pay for my schooling."

She said that obtaining pool time became increasingly difficult as she got older. "It didn't matter that I was serious about swimming," she said.

"It's a shame that so many woman quit swimming when they are still young like I was. A woman really reaches her strength as a swimmer in the late teens and early twenties, yet this is the time when so many get discouraged.

"Since those days, I've been like most people — physically inactive," she said.

Four years ago, a group of former professional swimmers from Florida established the National Master's swimming program for adults who wanted to compete.

The program is affiliated with the Amateur Athletic Union (AAU) but is unlike the AAU because both amateurs and professionals can compete in the same races in each age category.

"Anyone is eligible," she said, "which makes for a real democracy." She said swimmers in local meets run the gamut from doctors and lawyers to bus drivers.

Her own decision to start swimming again was an impuslive one, "My husband told me about a local competition in Connecticut one day about a year ago." she said. "The next morning I woke him up at five and we drove down."

The aching muscles which resulted from that excursion convinced her to start training again.

Her husband, a director of training for the State Department of Mental Health, stays fit by jogging and playing squash. "But I'm very lazy," she said, "And there are more people like me in the world than like him."

At first, exercise was torture for her and dieting an impossibility, "I'm a bad example," she said. "I train on beer and M&M's."

But by swimming twice a week during the winter and two-and-a-half hours each day along with her sons in the Lynn Boys's Club this summer, she found her old strength coming back.

She discounted her previous experience as an athlete as a factor in winning the gold medals recently. "Anyone who likes to swim and wants a chance to compete can take part in the Master's program."

The oldest of the 600 competing swimmers in the recent Chicago competition was a sprightly 84-year-old amateur.

The master's competition is divided into five-year age categories beginning with the 25-29 year old competition.

She said an advantage of the program is that a swimmer can be as serious or lackadaiscal as individual taste dictates. "It's a social thing and a psychological benefit as much as anything else," said Mrs. Stephanos.

She said as a young swimmer she was much more intense about swimming and heartbroken when she lost. Now she has accepted the limitations of age and can set reachable goals.

A fervent advocate of the program, she said it provides an opportunity for married couples to share an activity and to socialize after local monthly meets with other couples of varying backgrounds.

"Women particularly tend to get out of touch with things once they marry and start having children. Swimming is a good way to get out of the house and it's a tremendous emotional boost," she said.

At the urging of her visitors, Mrs. Stephanos changed from her navy blue pants suit into a bright orange tank suit and consented to demonstrate a butterfly stroke, one of her specialties, out back in the family pool.

"See," she said. "You don't have to be a big strong athlete for this. "There are a lot of flabby old bodies around, but what counts is what they can do in the pool."

mitts, and the air with the din of kids playing and the frantic barking of the family's curly-haired terrier Mike.

Can a housewife, whose only exercise

According to Ginny Stephanos, 35, of

Swampscott, who recently won the 1500,

100, 200, 50 meter freestyle and 50 meter

butterfly in the National Master's Swim

Championship in Chicago, the answer is

In the den of her sprawling Swampscott home, Mrs. Stephanos talked about

her metamorphosis from sedentary house-

with trophies, ribbons, and medals. The

panelled walls of the room were dotted

Braun, 6, and Tarn, 4 - were playing

with a gang of neighborhood children

outside. The driveway was strewn with

bicycles, bats and balls, and catchers'

In one corner was a bookcase filled

Her four sons - Kyle, 12, Dale, 9,

phanos. "If I can do it, anyone can."

wife to award-winning athlete.

with family photographs.

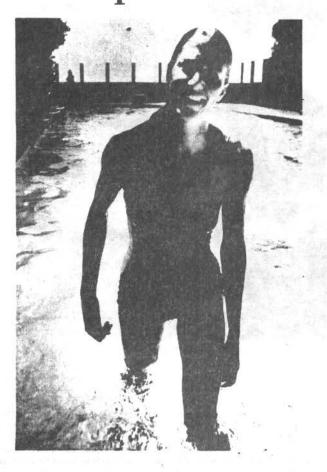
"I'm essentially lazy," said Mrs. Ste-

has been chasing after four children for

12 years, gain fitness, fame and five gold

medals as a competitive swimmer?

Champ swims like a fish



Betsy Jordan swims the backstroke only two seconds slower than she did 20 vears ago.

Not bad for a mother of four.

Good enough, in fact, to break a national record at the master's swimming competition this year.

BUT that isn't the only record Mrs. Jordan broke.

She managed to snap three others and trophy!" take a first place and second place in the national competition.

Mrs. Jordan does something similar almost everytime she competes.

"I swam competitively in Indiana in the 1940s and 50s," said Mrs. Jordan. In 1952 I tried out for the Olympic Swim team, but didn't make it that year. To must place in the top three in said different times at competitions competitions.

IN 1955, Mrs. Jordan placed second in the state and was rated among the top swimmers, "but it just wasn't the right year to be on an Olympic team.'

The Olympic games are held every four years.

Mrs. Jordan stopped competivive swimming in college and taught water ballet. When working as a summer lifeguard at the local country club, she met her husband-to-be, James.

MRS. Jordan didn't start swimming again until "about four years ago."

At the time, it started as a joke "My husband said I should enter the roughwater competition, but he knew I hadn't swum for quite a while," and not much in the ocean.

I never saw the ocean until I was 15, so I haun t swum much in it, she said.

'In the rough-water swim, it wasn't so bad, because there were other bodies in the water to scare away any potentiai

ANYWAY, "what was funny about the swim was that I came home with the

Since then, Jordans built their own

"I swim because its a good way to keep physically fit, keep the circulatory system going and the heart beating."

"But, most of my time is spent driving the kids around," she said.

AMY, 12, Myla, 10, Jimmy, 7, and John, 4, will be attending four different

In her free time. Mrs. Jordan sews and enjoys cooking for special occasion. She also teaches art history at UCSD extension during some semesters, She holds a master's degree in history. of ax

Besides being doent chairman at La Jolla Museum of Contemporary Art for wo years, Mrs. Jordan teaches folk guitar and is involved with the backyard swim programs sponsored by the PTA and La Jolla Red Cross.

"My son asked me once how I could teach so many things all at the same time, she said.

"But, I don't do them all at once," she



ROUGH-WATER CONQUERORS

Al Onsgard (center) holds championship trophy for his first-place fin-ish in men's 50-and-older division of annual Will Rogers rough water mile swim. Onsgard, from Van Nuys competing for San Fernando Valley Ath-

letic Club, nipped Wally White (left) of Beverly Hills and third-place finisher Marty Lipstein of Ocean-Track Club of Santa Monica in event sponsored by Los Angeles City Recreation and Parks Dept

Garibaldi Wins Swim

It was a great day for a dip in the Bay, so 60 swimmers, aged 20 to 69, did so yesterday in a mile-long AAU-sanctioned event at Aquatic Park.

The event was a joint venture of San Francisco's two old aquatic clubs - the Dolphin (founded in 1877) and the South End Rowing Club (1880) - and was billed as the first annual invitational rough water competition.

Thirteen women were in the water, and four former Olympians, and a blind man who swam the course while heeding shouted directions.

The winner among the men was Mike Garibaldi, 27,



MIKE GARIBALDI Coach shows how

who is the swimming coach at Hartnell College in Salinas. His time was 16 min-

utes and one second - 25 seconds faster than secondplace Bob Roper San Francisco deputy sheriff and record holder for the Golden Gate and Alcatraz (roundtrip) swims.

Swiftest swimmer among the women was Tina Summers, a physical education instructor at San Francisco State, whose time of 23 minutes 32 seconds bettered second-place Kathleen Bauer by a minute and 26 seconds.

It took Lou Gallic 34 minutes and 50 seconds to make the circular mile, but he was a proud winner too. Gallic. 69-year-old real estate man, led the field of oldsters.

	MEET DECULTO	2 2 2	105.4	Lynne Joesten	37,63	Amn Kay	3:37.2	Edie Gruender 45	39.6
	MEET RESULTS	Veronica Mann Bonnie Edwards	1:41.8	Carol Jewell	38.2	Mira brkic 35	3:38.6	Joyce Krygler	41.23
	LONG COURSE TIMES COMPILED	Mary Matthews Patt Kamm	1:42.7	Nancy Matteon Judy Cannon	38.93 40.6	50 METER FREESTYLE		Virginia Royden Joan Cattanach	42.1
	PROM MEET RESULTS RECEIVED PRIOR TO SEPTEMBER 27, 1973	Barbara Hauben 25	1:52.3	Elizabeth Roepke	43.8	Gail Roper 44	33.0	Anona Kuehne	45.5
		Z00 METER BREASTSTROKE Carol Skolnick	3:17.8	Helen Geoffrion 34 Natalie Clement 34	44.9 48.5	HettyBrey 42 Mary Murray	33.3	Ruth Lawson 48 Jane Nielsen	48.74 58.9
	SPRD LONG COURSE MEET 6/8-1-/73 St. Petersburg, FL	Sandra Meyerson	3:27.12	100 METER-BUTTERFLY		Meg Webster	37.2	100 METER FREESTYLE	4.44
٦	SENIOR OLYMPICS	Patricia Hewitt 26 Linda McIndoe	3:40.0 3:49.9	Millie Bergeron 33 Sperry Rademaker 33	1:22.9	Norma Knipper 40 Edie Gruender	37.45 37.5	Anne Adams 45 Berna Bennett	1:17.7
	6/ /73 Los Angeles, CA	Barbara Hauben 25	4:27.3	Lynn Joesten	1:31.31	Maya Feldhuhn	40.0	June Krauser 47	1:24.1
	CAPITOL CITY SWIM MEET	50 METER BUTTERFLY	33.4	Helen Geoffrion 200 METER INDIVIDUAL 1	1:59.6	Lisa Bogatka 40 Janet Patridge	40.22	Joyce Krygier Sally Scholen	1:38.03
	6/22-24/73 Topeka, KS	Anne Grams 26 Bonnie Edwards	34.6	Carol Macpherson	3:05.5	Barbara Callison	43.3	Virginia Røyden	1:43.5
	FLORIDA GOLD COAST "A" MEET 6/30/73 North Miami Beach, FL	Nancy Breen	34.79	Sperry Rademaker 33 Lynn Joeaten 30	3:06.9 3:17.62	100 METER FREESTYLE Gail Roper	1:15.3	L. Mann Grace Altum 49	2:14.6
	LC FREESTYLE MEET	Lucy Johnson Pat Heipie	35.7 36.9	Millie Bergeron 33	3:18.3	Meg Webster	1:22.5	Barbara Unruh 45	2:51.90
	4/28/73 Clendale, AZ	Kathy Engler 28	40.9	Judy Cannon Janet Smith	3:22.1	Edie Gruender Mary Murray	1:24.1	Anne Adams	2:58.3
	CARDEN STATE SWIM POOL	Patricia Hewitt 26 Ginny Bradley 28	40.9 48.2	Merilyn DiFilippo	3:25.2	Norma Knipper 40	1:29.28	June Krauser 47	3:00.0
	7/1/73 Berkely Heights, NJ	Marie Siddons 100 METER BUTTERFLY	1:01.9	Lynn Joesten	3:25.3	Mickey Shockley Lina Bogatko	1:34.1	Betty Talbot Virginia Royden	3:39.1 4:17.6
	MASTERS AURORA OPEN 7/5-8/73 Denver, CO	Anne Grams 26	1:20.8	WOMEN 35~3 50 METER FREESTYLE	9	Maya Feldhuhn	1:35.2	Toni Markowski	4:25.24
	FORT LAUDERDALE OPEN	Nancy Breen 29	1:27.58	Pat Bressee	32.2	Harbara Callison Lori Boyer	1:46.9	400 METER FREESTYLE	10/12/2012
	7/14-16/73 Ft. Lauderdale, FL	Pamela Huie 25 Ginny Bradley 28	1:46.0	Martha Chapin Dorothy Gates 37	37.0 37.7	200 METER FREESTYLE		Anne Adams 45 Berne Bennett	6:25.4
	RINCONADA MASTERS MEET	3ue Anderson 25	2:51.8	Lida chase 35	38.0	Cail Roper Elizabeth Barrow 40	2:49.5 3:11.8	Hetty Talbot 47	7:39.0
	7/14-15/73 Palo Alto, CA	Lucy Johnson	3:03.5	Penny Timmerman 39	38.0 38.6	Edith Gruender	3:13.5	Tink Bolster 45 Joyce Krygier	7:56.0 9:17.81
	GEORGIA MASTERS INVITATIONAL 7/14-15/73 Atlanta, GA	Sandra Myerson 25 Kaeti Ecker	3:09.78 3:22.0	Evelyn Debes	39.3	Meg Webster Hita-Al Jones 40	3:18.0	Grace Altus 49	9:26.3
	MASTERS MEET	Patt Kamm	3:30.0	Narbara Hinshaw Sylvia Duda	40.2	Eileen Soss	3:42.6	Anne Adams	25:19.0
	7/15/73 Santa Barbara, CA	Patricia Hewitt 26 Marie Siddona	3:40.2	Kathy Ivanov 36	41.43	Cindy Baxter Joan Sullivan 40	3:45.2	100 METER BACKSTROKE	
	MILWAUKEE SUMMERFEST MEET	WOMEN 30-34	4117.7	Mona Lorant 100 METER FREESTYLE	41.5	Elena Stumpf	4:38.6	Anne Adams June Krauser 47	1:35.3
	7/21-22/73 Milwaukee, WI	50 METER FREESTYLE	11.7	Pat Breasee	1:11.9	Dot Murray 43	4:52.7	Della Schorn	1:42.5
	MID ATLANTIC AAU CHAMPIONSHIPS 7/22/73 Philadelphia, PA	Nancy Ridout Sperry Rademaker 33	31.7	Ann Kay Judy Oldsonse	1:21.0	400 METER FREESTYLE Gail Roper	5:58.7	Jove Krygier	1:42.9
	ARIZONA ALL MASTERS	Nancy Kirkendall 30	33.00	Evelyn Debes	1:26.1	Elizabeth Barrow 40	6:47.2	Hetty Talbot	2:02.0
	7/29/73 Mesa, AZ	Lynn Joesten 30 Janet Smith	34.05 35.4	Martha Chapin Mira Wrkie 35	1:26.1	Meg Webster Rita-Al Jones 40	7:09.3	Allison Tobias 46	2:02.7
	HIDDLE ATLANTIC LC MEET	Elizabeth Rocpke	36.7	Penny Timmerman 39	1:28.0	Gindy Baxter	7:46.6	L. Mann Greta Tapia 49	2:16.2
	7/29/73 Philadelphia, PA EASTERN AND CHAMPIONSHIPS	Mary Cheng 31 Maric Kelleher 33	38.16	Colette Pirie 36	1:28.1	Lisa Bogstko Joan Sullivan 40	7:52.0 8:03.0	Virginia Royden	2:20.1
	8/4/73 Lancaster, PA	Natalie Rubenstein	41.5	Lida Chase 35 Parbara Hinshaw	1:34.3	Mary Templeton 41	9:13.28	200 METER BACKSTROKE Anne Adams	3:24.5
	RECION IV SENIOR CHAMPIONSHIPS	Christine Martin 100 METER FREESTYLE	44.3	Kathy Ivanov 36 200 METER PREESTYLE	1:39.22	Dot Marray 43 1500 METER FREESTYLE	10:14.1	June Krauser 47	3:35.2 4:27.51
	8/3-5/73 Ft. Lauderdale, FL	Nancy Ridout	1:10.0	Ann Kay	3:01.4	Gail Roper	23:54.0	Joyce Krygier Ann Schroeder	5:48.3
	MISCONSIN SENIOR AAU CHAMP.	Nancy Kirkendall Sperry Rademaker 33	1:15.19	Janice Gray	3:04.3		27:08.1 29:06.5	Loni Markowski	5:58,40
	8/4-5/73 Milwaukec, WI	Lynn Joesten	1:16,44	Penny Timmerman 39 Colette Firie 36	3:22.5 3:31.1		41:13.3	June Krauser 47	1:47.1
	MISSOURI VALLEY LC MEET 8/10-12/73 Topeka, KS	Janet Smith	1:19.2	Barbara Hinshaw	3:37.6	100 METER BACKSTROKE	1:29.7	bella Sehorn	1:50.4
	MASTERS INVITATIONAL	Judy Gannon Mary Cheng 31	1:26.52	Judy (Elbert 400 METER FREESTYLE	4:12.9	Gail Moper Elizabeth Harrow 40	1:30.8	Jandy Lewis Joanne Palstra	2:00.4
	8/25-26 Los Angeles, GA	Jackle Smart	1:27.4	Ann Kay	6:36.3	Hary Murray	1:47.8	Virginia Royden	2:04.3
	POTOMAC VALLEY LC MEET	Elizabeth Roepke Marge Linville	1:34.39	Evelyn Detics Mira Brkic 35	6:54.1 7:07.0	Edith Gruender Janet Partridge	1:49.9	Allison Tobias 46 Berty Talbot 47	2:05.3
	#/28/73 Rockville, MD	Nancy Ridout	2:40.8	Penny Timmerman 39	7:07.6	Cindy Baxter	1:54.2	L. Mann	2:14.6
ħ.	SHEELER WINTON "B" MEET 6/31/73 Miami, FL	Sperry Rademaker 33	2:51.8	Kathy Ivanov Janet Moeller	8:25.18	Vanda Nobinek 42 Rita Mills	2:00.5	Ruth Lawson 48 Ann Schroeder	2:15.10
		Nancy Kirkendall Janet Smith	2:53.00	1500 METER PREESTYLE		Carol Robinson 43	2:05.4	200 METER BREASTSTROK	E
	WOMEN 25-29 50 METER FREESTYLE	Judy Gannon	2:57.6	Janice Gray 35 Evelyn Dobes 37	24:53.4	Etleen Sess 200 METER HACKSTROKE	2103.4	June Krauser 47 Della Sehorn	3:48.6
	Anne Grams 26 30.6	Susan Lovonti Ulla Stumpp	3:34.4	Penny Timmerman 39	28:05.0	Elizabeth Barrow 40	3:22.8	Betty Talbot	4:28.4
	Normie Edwards 31.8 Lucy Johnson 32.2	E. Money	3:49.6	Eva Carlile 100 METER BACKSTROKE	32:00.3	Mary Murray Janet Partridte 41	3:50.5	Sandy Lewis Ann Schroeder	4:29.8 5:14.8
	Nancy Breen 29 32.22	400 METER FREESTYLE	5:46.5	Betsy Jordan	1:23.9	Cindy Baxter	4:12.2	50 METER BUTTELFLY	
	Veronika Mann 33.3 Cathy Hallett 34.2	Mancy Ridout Carol Macpherson	5:52.3	Pat Dressee Julie Gideonse	1:25.4	Rita Mills 42 Joan Sullivan 40	4:29.7	Anne Adams June Krauser 47	41.1
	Kaeti Ecker 34.6	Sperry Rademaker 33	6:04.7	Martha Chapin	1:32.9	Carol Robinson 43	4:38.7	Derna Bennett	44.1
	Patt Kaem 35.3 Susan Shephard 29 35.70	Nancy Kirkendall Judy Cannon	6:14.3	Dolly Schmore Ann Kay	1:34.78	Harbara Odone 100 METER BREASTSTROKE	4:53.3	Edie Gruender Sally Scholer	45.8
	Kathy Engler 28 36.0	James Smith	5:18.1	Colette Piris 36	1:41.2	Gail Roper	1:38.0	Virginia Royden	56.4
	Anne Grams 26 1:09,2	Merilyn DeFilippo Christine Martin	6:42.6 7:17.5	Nira Brkic 35 Barbara Binshaw	1:43.2	Cindy Haxter Rita-Al Jones 40	1:52.6	June Krauser 47	1:32.3
	Bonnie Edwards 1:11.8	Mary Cheng 31 Susan Lovotti	7:18.29 7:34.2	Evelyn Debes	1:45.1	Lisa Bogatko	1:53.67	Anne Adama	1:37.2
	Sally Peterson 26 1:12.4 Lucy Johnson 1:12.9	1500 METER PREESTYLE		200 METER BACKSTROKE Becay Jordan	3:05.8	Meg Webster Kita Mills 42	1:56.7	June Krauser 47	3:22.7
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	Susan Shephard 1:17,79 Veronika Mann 1:22,1		38:24.2	Martha Chapin Ann Champ	3:32.5	Mickey Shockley harbura Odone	2:02.2	Tink Bolster Sally Scholer	4:05.5
	Ginny Bradley 1:26.6	100 METER BACKSTROKE		Carbara Minebas	3:41.5	Florence Weber 40	2:07.1	WOMEN 50-54	
	Julie Barnes 1:37.4 Joyce Bloom 26 1:41.2	Sperry Rademaker 33 Carol Macpherson	1:27.0	Hira Mrkic Eva Carlile	3:44.6 4:08.3	200 METER BREASTSTRUKE Cail Roper	3:31.8	50 METER PREESTYLE Belen Bummer	41.43
	200 METER FREESTYLE	Millie Bergeron	1:33,6	Harbara Culbertson 35		Gludy Haster	3:49.0	Geri Orosco	43.6
	Anne Grams 2:32.6 Bonnie Edwards 2:42.7	Merilyn DiFilippo Judy Gannon	1:35.0	Pat Breases	1:45.0	Mitsell Jones 40 Nep Wolster	4:02.0 4:10.4	Helen Jorgenson Franchon Marton 50	1:08.0
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	Anne Grams 26 5:27.7 Bonnie Edwards 5:50.0	Sperry Rademaker 33	3:05.2	Gall Lange Sara Lawrence 38	2:19.21 2:28.10	Mary Murray Mickey Shockley	47.6	Helen Jorgensen	1:58.4
	Lucy Johnson 5:51.2	Carol Macpherson Judy Gannon	3:24.4	200 METER BREASTSTRON		Janet Partridge 41	50.4	Ana-Mary Hottinger 200 METER PREESTYLE	1:58.6
	Susan Shephard 6:14.3 Pamela Huic 25 6:51.2	Marie Kelleher Lorraine Ruzzuto	4:04.5 5:04.81	Phyllis Scribe	3:39.0	Worma Knipper 40	51.11	Dorothy Ressiguie	3:22.9
	Pamela Huic 25 6:51,2 Ginny Bradley 28 7:27.6	100 METER BREASTSTROKE	3104.01	Ann Champ Senice Gray	3:45.54	Mary Templeton 41	1:02.51	Jane McCollister Nette Crowell	3:27.3
	Julie Barnes 8:05.6 Marie Siddons 9:16.4	Carol Macpherson Mary Jane Parks 34	1:39.1	Surbara Culbertson 35	3:58.3	Elena Stumpf 100 METER BUTTERFLY	1:03.7	Helen Hummer	3:36.1
	1500 METER FREESTYLE	Janet Smith	1:40.2	Barbara Hinshaw Janice Roeschen	4:32.3 5:04.17	Gail Roper	1:30.0	Johanna Hargreaves Geri Grosco	3:47.8
	Anne Grams 26 22:46.5 Sue Ellen Trapp 27 30:33.9	Helen Geoffrion 34	1:49.0	Eva Carlile	5:26.1	Edith Cruender Norma Knipper 40	1:40.9	Ana-Mary Hotinger	4:06.2
	100 METER BACKSTROKE	Retsy Jordan Ratalie Clement 34	1:49.0	O METER BUTTERFLY	34.3	200 METER INDIVIDUAL :	MEDLEY	Jane McCollister	7:18.3
	Rabe Zoret 1:36.0	E. Moncy Elfzaheth Rogoke	1:53.3	Setsy Jordan	38.7	Gail Roper Edith Gruender	3:09.1	Helen Hummer	7:39.0
	Julia Barnes 1:42.6	Elizabeth Roepke Marle Kelleher	1:54.0	Nira Brkic 35 Julie Gideonse	44.6	Mary Murray	3:49.7	Johanna Hargreaves Peg Pickens	7:42.2
	Joyce Bloom 26 2:04.2 Marie Siddons 2:06.9	Judith Schulten 34 Natalie Rubenstein	2:04.5	Jan Moeller	45.0	Cindy Baster Norma Knipper 40	3:53.7	Geri Orosco Ana-Mary Hottinger	8:10.3
٨	Jane Cooper 2:42.8	200 METER BREASTSTROKE		Evelyn Debes 37 Phyllis Scribe 35	45.3	Maya Feldhubn	4:13.3	Zada Taft	8:27.2
	200 METER BACKSTROKE Marie Siddons 4:34.0	Carol Macpherson Mary Jane Parks 34	3:31.2	Mona Lorant	48.6	Eileen Soss Barbara Odone	4:36.9	Florence Streichman 1500 METER FREESTYLE	11:10.1
	100 METER BREASTSTROKE	Natalie Clement 34	4:03.2	Sylvia Duda 36 Gail Lange	50.6 1:08.6	Eluna Stumpf	4:40.1	Johanna Hargreaves	31:21.0
	Carol Skolnick 1:30.7 Sandra Myerson 1:33.49	Helen Geoffrion Judith Schulten 34	4:06.9	100 METER BUTTERFLY Betsy Jordan	1:39.0	Mary Templeton 41 WOMEN 45-49	4155.45	Bette Crowell	1:47.5
	Sally Peterson 26 1:33.8	Jeannette Fischer	4:39.88	200 METER INDIVIDUAL	MEDLEY	50 METER FREESTYLE	34.6	Zada Taft	1:49.6
	Pat Heiple 1:38.8 Patricia Hewitt 26 1:39.4	Nancy Ridout	34.5	Betsy Jordan Janice Gray 35	3:15.7 3:24.8	June Krauser 47	38.6	Helen Hummer Johnna Hargreaves	1:55.01
	Linds McIndoe 1:40.9	Sperry Rademaker 33	36.6	Phyllis Scribe 35	3:29.0	Joanne Palstra	38.8	Helen Jorgensen	2:16.4
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200 METER BACKSTROKE	200 METER BACKSTROKE			
		Paul Walts 2:59.6	James Loofbourrow 33 3:01,1	Sheldon Monsein 39 1:21.1
Bette Crowell 3:52.9	Maxine Merlino 4:09.9	Dean Sutcliffe 3:00.2	John Sink 3:01.1	Wm. Parks 37 1:21.6
Zada Taft 4:02.6	Johnnie Belshe 4:59.3	Gerry DeLong 29 3:00.5	James Lewis 3:03.0	John F. Risher 37 1:22.0
Johanna Hargreaves 4:10.8	Dorothea Cole 5:11.2	Harry DeVictoria 3:07.3	Joe Biondi 30 3:03.5	Edward Hinshaw 1:22.8
Helen Hummer 4:20.5	100 METER BREASTSTROKE	Tim Brown 3:08.0	100 METER BREASTSTROKE	Robert Wells 1:24.5
, Helen Jorgensen 4:45.4	Tilly Weil 2:27.2	Charles Baumgarner 25 3:08.0	Stephen Rabinovitch 30 1:15.7	Robert Benson 38 1:25.4
Geri Orosco 5:10.4	Bernice Silber 4:27.0	Terry Palmer 28 3:10.8	Charles Maunz 1:20.5	Allan Rubenstein 1:26.0
100 METER BREASTSTROKE	200 METER BREASTSTROKE	50 METER BUTTERFLY		
Geri Orosco 1:58.0		Bill Mettler 28.0	Jim Ferrell 1:21.2	
Bette Crowell 2:02.0			Bill Worley 32 1:23.6	Phil Hellmuth 1:32.61
	50 METER BUTTERFLY		Dick Stewart 1:24.1	200 METER BACKSTROKE
Jane McCollister 2:02.4	Dorothea Cole 1:30.1	John Flanagan 28.88	John Goetz 1:24.51	Sandy Gideonse 2:53.2
Helen Jorgensen 2:30.7	WOMEN 65-69	John Williamson 28 28.9	Patrick Schlup 33 1:24.6	Wm. Parks 37 3:02.0
Johanna Harbreawes 54 2:40.0	50 METER FREESTYLE	Ken Kruger 27 28.9	Scotty Roberts 34 1:26.1	Sheldon Monsein 39 3:08.4
200 METER BREASTSTROKE	Sylvia Bailey 56.6	Jerry Ray 29.6	Joe Biondi 30 L:26.8	John F. Risher 37 3:08.9
Geri Orosco 4:15.7	100 METER FREESTYLE	Paul Liniak 26 29.7		Roberf Benson 38 3:11.6
Elsade Sagasti 51 4:20.1		Tom Eldridge 29.8		
Jane McCollister 4:25.5	Sylvia Bailey 2:10.5		200 METER BREASTSTROKE	Barry Fasbender 3:21.0
50 METER BUTTERFLY	Gwen Peters 2:50.2		Pat Schlup 2:59.0	Keith Martin 36 3:29.5
	Gerta Ross 2:53.4		Charles Maunz 2:59.9	Lee Eby 37 3:29.6
Dorothy Ressiguie 49.3	200 METER FREESTYLE	Frank Tyson 30.5	Dick Stewart 3:00.7	David Bechtel 3:34.5
Helen Hummer 49.4	Sylvia Bailey 4:54.6	100 METER BUTTERFLY	Bill Worley 32 3:09.8	Dave Lamott 38 3:51.0
Zada Taft 53.8	100 METER BACKSTROKE	Gary Langendoen 1:01.4		100 METER BREASTSTROKE
Geri Orosco 58.0	Sylvia Bailey 2:44.1	Gary Langendoen 1:01.4 Gerry DeLong 29 1:05.5		John Medici 1:23.24
Peg Pickens 1:03.0	Gerta Ross 3:07.6	John Flanagan 1:05.89	Richard Reitman 3:20.9	Merodith Smith 1:25.0
200 METER INDIVIDUAL MEDLEY		Ken Krueger 27 1:06.1	Bob Cossins 3:21.8	Bob Patten 1:25.1
Zada Taft 4:07.3	100 METER BREASTSTROKE		Steve Sauer 3:27.8	
	Sylvia Baily 2:55.9	Edwin Duncan 28 1:07.5	Alec Hicks 3:28.95	Richard Rahe 1:25.4
	Gerta Ross 2:59.9	Donald Havens 26 1:08.1	Jim Hendrickson 3:42.7	Scott Beelman 38 1:28.16
WOMEN 55-59		Robert Poiletman 1:09126	50 METER BUTTERFLY	Keith Martin 1:29.0
50 METER FREESTYLE		Leland Faust 1:09.5	Jim McGrath 27.3	Gene Nagel 38 1:30.0
Nancy Clark 59 42.0		John Williamson 28 1:11.7	Dick McDonough 28.0	Edward Hinshaw 1:30.8
Rita Simonton 43.0	MEN 25-29	K.C. Dawson 28 1:13.5		Robert Rubin 36 1:31.4
Margaret George 44.9	50 METER FREESTYLE	200 METER INDIVIDUAL MEDLEY	Richard Girdler 28.41	Sandy Gideonse 39 1:32.5
Annetta Pfeiffer 46.9	Ken Kruger 27 25.9	Bruce Brown 26 2:33.3	Steve Clark 29.0	200 METER BREASTSTROKE
	Roger Harmony 25 26.6	Gary Langwndoen 2:34.8	Jerry Greenberg 31 29.0	John Medici 3:03.62
	Gary Langendoen 27 26.6	Jay Platt 26 2:34.34	Bob Smith 29.4	Meredith Smith 37 3:09.9
Isabel Moll 56.6			Allan Cartwright 29.8	
Mona Williams 56 59.5	Dave Schmidt 26 26.62 Bill Mettler 27.2	John Flanagan 27 2:35.09	Jack Goeghegan 29,85	Richard Rahe 3:14.2
Rose Steward 1:13.6		Tom Chamberlain 2:36.6	Bob Tesch 29.88	Keith Martin 3:18.9
100 METER FREESTYLE	Bob Corris 27.32	Barry Admason 25 2:37.67	Eric Snyder 30.57	Gene Nagel 38 3:20,5
Rita Simonton 1:33.8	John Williamson 28 27.9	Paul Jeffers 2:38.1	Dick Stewart 31.0	Bill Malone 3:20.96
Nancy Clark 59 1:41.5	Tom Chamberlain 28.0	Harry DeVictoria 2:38.7	100 METER BUTTERFLY	Buddy Belshe 3:25.1
Margaret George 1:46.0	Tim Brown 28.0	Chuck Buddemeyer 2:40.4	Jim McGrath 30 1:13.3	Wm. Parks 37 3:31.1
Viola Thompson 1:47.2	Charles Erdman 27 28.01	Gerry DeLong 29 2:41.4	- 17 THE STATE OF	Robert Rubin 36 3:35.9
Annetta Pfeiffer 55 1:55.8	Marshall Ellis 29 28.10	MEN 30-34		Robert Kinney 3:36.2
Isabel Moll 2:06.0	100 METER FREESTYLE	50 METER FREESTYLE	Dick Stewart 1:08.4	. 50 METER BUTTERFLY
			Phillip Goode 1:08.97	Gay Rosser 39 30.2
Mildred Anderson 2:10.0	Bob Coleman 25 56.0		James Loofbourrow 33 1:16.5	20.0
Pat Matthesen 2:11.5	Donald Havens 26 58.9		Eric Snyder 1:17.07	
Lorraine Peterson 55 2:18.4	Gary Langendoen 59.3	Jerry Greenberg 31 26.2	Bob Kent 32 1:17.83	Dave MCINLyre 30 30.0
Nona Williams 2:19.3	Dennis Good 1:00.3	Thompson Mann 26.7	John Sink 1:18.3	Robert Wills 32.5
200 METER FREESTYLE	Robert Harmony 25 1:00.3	Dick McDonough 26.8	Vin Simonton 1:20.63	Jon Loft 35 32.5
Rita Simonton 3:29.3	Tom Chamberlain 1:00.8	Jim McGrath 30 26.8		Richard Cheadle 35 32.6
viola Thompson 3:46.3	Jay Platt 1:01.25	K. Brent Parker 27.1		Wm. Parks 37 32.8
Nancy Clark 59 3:51.0	Paul Jeffers 1:01.5	Jack Geoghegan 31 27.14	200 METER INDIVIDUAL MEDLEY	John F. Risher 37 33.6
	Curt Gramer 1:01.96	James Loofbourrow 33 27.2	Jack Geoghegan 31 2:36.36	Arthur Winter 39 35.3
Mildred Anderson 4:30.8		Allan Cartwright 27.6	Dick Steward 2:39.7	Jack Bunis 38 35.5
Isabel Moll 4:32.1			Dennis Brittain 33 2:42.0	Allan Rubenstein 35.5
400 METER FREESTYLE	Mike Cocoran 1:02.5		James Loofbourrow 33 2:42.9	
Rita Simonton 7:27.3	200 METER FREESTYLE	Bob Tesch 27.84	Rick Girdler 30 2:43.7	Mark Hoffer 35.8
Viola Thompson 55 7:57.7	Elam Hitchner 26 2:14.78	100 METER FREESTYLE	Bob Tesch 2:46.17	Bob Kinney 36.8
Annetta Pfeiffer 8:23.3	Jay Platt 26 2:16.77	Richard Girdler 32 57.98	Eric Snyder 30 2:46.21	100 METER BUTTERFLY
Mildred Anderson 9:36.4	Leland Faust 2:17.1	Jack Goeghegan 58.17	Michael Goldkamp 30 2:50.0	Sandy Gideonse 1:10.6
Lorraine Petersen 9:50.4	Tom Chamberlain 2:17.8	Steve Clark 58.4	John Sink 2:53.3	Paul Barn 1:12.24
1500 METER FREESTYLE	Glyn Davies 2:22.6	Jim McGrath 30 59.6		David McIntyre 38 1:15.3
Rita Simonton 30:03.5	Harry DeVictoria 2:23.6	Jerry Greenberg 31 1:00.0	K.Brent Parker 30 2:53.7	Gay Rosser 39 1:16.3
	Tim Brown 2:26.5	Dick McDonough 1:00.4	MEN 35-39	Mark Hoffer 38 1:25.3
		James Loofbourrow 33 1:02.5	50 METER FREESTYLE	Keith Martin 1:28.0
Mildred Anderson 37:35.2			Sandy Gideonse 39 27.1	Lee Eby 37 1:45.2
Lorraine Petersen 41:34.3			Gay Rosser3 27.5	
100 METER BACKSTROKE	Charles Olcott 28 2:33.2	Bob Teach 1:02.64	Dave McIntyre 38 27.9	Alex Redmountain 39 1:49.7
Margaret George 1:54.7	400 METER FREESTYLE	Al Cartwright 1:03.2	Jim Mariner 27.9	Dale Petranech 38 1:54.3
Annetta Pfelifer 2:02.1	Jay Platt 26 4:46.96	K. Brent Parker 1:03.8	Hendrik Gideonse 36 28.0	200 METER INDIVIDUAL MEDLEY
Mildred Anderson 2:12.4	Leland Faust 4:56.1	200 METER PREESTYLE	Jon Owen 35 28,18	John Medici 35 2:49,82
Rose Steward 55 3:09.1	Edwin Duncan 28 4:56.1	Jim McGrath 2:11.7	Edward Hinshaw 28.4	Sandy Gideonse 39 2:50.7
200 METER BACKSTROKE	Roy Saari 4:56.5	lack Geoghegan 2:13.59	Gene Nagel 38 29.0	Buddy Belshe 2:51.4
Margaret George 4:12.8	Dennis Good 4:58.8	Richard Girdler 2:16.45	5ill Rash 35 29.28	Wm. Parks 37 3:02.2
Annetta Pfeiffer 4:20.5	Glyn Davies 28 5:10.2	Dick McDonough 2:17.4		Jon Loft 35 3:06.5
Mala Mhamana EE 7.70 0	Daufd Ceau 27 5:23 5	Tames Lonftourrow 33 2-21 5	BIII Robertson 37 29.3	
Viola Thompson 55 4:40.9	David Gray 27 5:23.5	James Loofbourrow 33 2:21.5	Robert Wills 30,3	Barry Fasbender 3:10.6
Mildred Anderson 4:58.7	Charles Lane 5:26.0	Dick Stewart 2:21.6	Robert Wills 30,3 100 METER FREESTYLE	Barry Fasbender 3:10.6 Robert Wills 3:12.5
Mildred Anderson 4:58.7 100 METER BREASTSTROKE	Charles Lane 5:26.0 Fred Hoener 25 5:28.0	Bick Stewart 2:21.6 Hob Roper 2:22.6	Robert Wills 30.3 100 METER FREESTYLE Day Rosser 39 1:01.9	Harry Fasbender 3:10.6 Robert Wills 3:12.5 Keith Martin 3:13.5
Mildred Anderson 4:58.7 100 METER BREASTSTROKE Rita Simonton 2:04.5	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:34.1	### Dick Stewart 2:21.6 Hob Hoper 2:22.6 Jerry Groenberg 31 2:23.1	Robert Wills 30,3 100 METER FREESTYLE	#arry Fasbender 3:10.6 Robert Wills 3:12.5 Keith Martin 3:13.5 Mark Hoffer 38 3:13.8
Mildred Anderson 4:58.7 100 METER BREASTSTROKE Rita Simonton 2:04.5 Pat Matthiesen 2:05.3	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:34.1 Robert Poiletman 5:39.49	### Dick Stewart 2:21.6	Robert Wills 30.3 100 METER FREESTYLE Day Rosser 39 1:01.9	## Same Same Same Same Same Same Same Same
#11dred Anderson	Charles Lane 5:26.0 Fred Houner 25 5:28.0 Charles Olcott 28 5:34.1 Robert Poiletman 5:39.49 1500 METER FREESTYLE	### Dick Stewart	Robert Wills 30.3 100 METER FREESTYLE Cay Rosser 39 1:01.9 David McIntyre 1:02.5	#arry Fashender 3:10.6 Robert Mills 3:12.5 Keith Martin 3:13.5 Mark Hoffer 38 3:13.8 Richard Cheadle 35 3:14.6
Mildred Anderson 4:58.7 100 METER BREASTSTROKE Rita Simonton 2:04.5 Pat Matthiesen 2:05.3	Charles tane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:33.1 Robert Polletman 5:39.49 1500 METER PRESTYLE Clynn Davies 22:17.5	Dick Stewart 2:21.6 Hob doper 2:22.6 Jerry Groenberg 31 2:23.1 Jewe Clark 2:23.4 Michael Goldkamp 30 2:24.1 400 MFCRE FREESTYLE	Robert Wills 30,3 100 METER FREESTYLE Gay Rosser 39 1:01.9 David McIntyre 1:02.5 Sandy Cideonse 1:02.8 Edward 1:03.2	## Same Same Same Same Same Same Same Same
#11dred Anderson	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:34.1 Robert Poiletman 5:39.49 1500 METER FREESTYLE Clynn Davies 22:17.5 Fred Hoener 25 22:20.0	Dick Stewart 2:21.6	30.3 100 METER FREESTYLE 1:01.9 1:02.5 1:02.5 1:02.8 1:03.2 1:03.2 1:04.8 1:03.2 1:04.8	#arry Fashender 3:10.6 Robert Mills 3:12.5 Keith Martin 3:13.5 Mark Hoffer 38 3:13.8 Richard Cheadle 35 3:14.6
Mildred Anderson 4:58.7 100 METER BREASTSTROKE Rita Simonton 2:05.3 Viola Thompson 2:06.4 Mildred Anderson 2:08.7 Nancy Clark 59 2:19.2	Charles tane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:33.1 Robert Polletman 5:39.49 1500 METER PRESTYLE Clynn Davies 22:17.5	Dick Stewart 2:21.6 Hob doper 2:22.6 Jerry Groenberg 31 2:23.1 Jewe Clark 2:23.4 Michael Goldkamp 30 2:24.1 400 MFCRE FREESTYLE	Robert Wills 30.3 100 METER FREESTYLE 101.9 101.9 102.5 102.5 102.5 102.5 102.5 102.5 102.5 102.5 102.5 103.2 104.5 103.2 104.5 104.5 105.1	# darry Fasbender 3:10.6 Robert Wills 3:12.5 Keith Martin 3:13.5 Mark Hoffer 38 3:13.8 Richard Cheadle 35 3:14.6 MEN 40-44 50 NETER FREESTYLE Burwell Jones 27.1
Mildred Anderson 4:58.7	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:34.1 Robert Poiletman 5:39.49 1500 METER FREESTYLE Clynn Davies 22:17.5 Fred Hoener 25 22:20.0	Dick Stewart 2:21.6	30.3 30.3 100 METER FREESTYLE 101.9 102.5 102.5 102.6	#arry Fashender 3:10.6 Robert Mills 3:12.5 Keith Martin 3:13.5 Mark Hoffer 38 3:13.8 Richard Cheadle 35 3:14.6 MEN 40-44 50 METER FREESTYLE Burwell Jones 27.1 Kon Johnson 27.3
Mildred Anderson 4:58.7	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:33.1 Robert Polletman 5:39.49 1500 METER PRESTYLE Clynn Davies 22:17.5 Fred Hoener 25 22:20.0 Charles Olcott 28 22:56.4 Thomas Thomson 23:16.5	Dick Stewart 2:21.6	Robert Wills 30.3 100 METER FREESTYLE 101.9 120.5 Sandy Cideonse 1:02.5 Sandy Cideonse 1:03.2 iendrik Cideonse 36 1:04.8 Unit Cideonse 36 1:04.8 Unit Cideonse 36 1:04.8 Unit Cideonse 36 1:08.1	### ### ##############################
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Mildred Anderson	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:33.1 Robert Polletman 5:39.49 1500 NETER PRESTYLE Clynn Davies 22:17.5 Fred Hoener 25 22:20.0 Charles Olcott 28 22:56.4 Thomas Thomson 23:16.5 richard Blough 29 25:27.24 Terry Palmer 28 25:41.7	Dick Stewart 2:21.6	Robert Wills 30.3 100 METER FREESTYLE 101.9 David McIntyre 1:02.5 Sandy Gléonse 1:02.8 Edward Hinshaw 1:03.2 Hendrik Gléconse 36 1:04.8 Gene Nagel 1:08.1 Russ Murphy 1:11.3 1im Pope 37 1:11.6 Harry Fasbender Phil Hellmuth 1:12.54 1:10.5 The control of the	### ### ##############################
Mildred Anderson	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcotr 28 5:34.1 Robert Foiletman 5:39.49 1500 NETER PREESTYLE Clynn Davies Fred Hoener 25 22:20.0 Charles Olcott 28 22:56.4 Thomas Thomson 23:16.5 richard Blough 29 25:27.24 Terry Palmer 28 25:41.7 100 METER BLOKSTROKE	Dick Stewart	Robert Wills 30.3	Barry Fasbender 3:10.6
Mildred Anderson 4:58.7	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:33.1 Robert Poiletman 5:39.49 1500 NETER FREESTYLE Clynn Davies Fred Hoener 25 22:20.0 Charles Olcott 28 22:56.4 Thomas Thomson 23:16.5 Tichard Blough 29 25:27.24 Terry Palmer 28 25:41.7 100 NETER BACKSTROKE Bill Dorney 27 1:05.0	Dick Stewart 2:21.6	Robert Wills 30.3 100 METER FREESTYLE Clay Rosser 39 1:01.9 David McIntyre 1:02.5 Sandy Gideonse 1:02.8 Edward Hinshaw 1:03.2 Hendrik Gideonse 36 1:04.8 Cene Nagel 1:08.1 Russ Murphy 1:11.3 Him Pope 37 1:11.6 Barry Fasbender 1:12.4 Phil Hellmuth 1:12.54 200 METER FREESTYLE Edward Hinshaw 2:19.2 1:02.5 1:03.3 1:05	#arry Fashender 3:10.6 Robert Mills 3:12.5 Keith Martin 3:13.5 Mark Hoffer 38 3:13.8 Richard Cheadle 35 3:14.6 MEN 40-44 50 METER FREESTYLE #urwell Jones Hon Johnson 27.3 Don Rosenthal 41 28.0 Hal Beger 43 28.48 Bill Clinton 41 29.16 Ralph Smith 40 29.31 Bob Burnside 29.9
Mildred Anderson	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:33.1 Robert Polletman 5:39.49 1500 NETER PRESTYLE Clynn Davies 22:17.5 Fred Hoener 25 22:20.0 Charles Olcott 28 22:56.4 Thomas Thomson 23:16.5 richard Blough 29 25:27.24 Terry Palmer 28 25:41.7 100 METER BLOKSTROKE Bill Dorney 27 1:05.0 Oreg R. Anderson 25 1:11.7	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ##############################
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Mildred Anderson 4:58.7	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:34.1 Robert Foiletman 5:39.49 1500 NETER PREESTYLE Clynn Davies 75 22:20.0 Charles Olcott 28 22:56.4 Thomas Thomson 23:16.5 richard Blough 29 25:27.24 Terry Palmer 28 25:41.7 100 METER BLOKSTROKE Bill Dorney 27 Oreg R. Anderson 25 1:12.50 Tom Chamberlain 1:12.50 Tom Chamberlain 1:12.50 Thomas Eldyidge 1:15.1 Robert Harmony 25 1:16.0 Robert Harmony 25 1:16.0 Robert Harmony 25 1:16.0 Robert Barbastroke Dave Frank 29 1:14.8 Thomas Eldyidge 1:15.1 Robert Harmony 25 1:16.0 Robert Barbastroke Dave Brank BACASTROKE Dennis Good 2:34.6	Dick Stewart 2:21.6	Robert Wills 30.3	Barry Fashender 3:10.6
Mildred Anderson	Charles Lane Fred Hoener 25 Charles Olcott 28 Robert Foiletman 1500 NETER FREESTYLE Clynn Davies Fred Hoener 25 Charles Olcott 28 Thomas Thomson Tichard Blough 29 Tichard Blough 20 Tichard Blough 21 Tichard 20 Tichar	### Dick Stewart 2:21.6	Robert Wills 30.3	### ### ##############################
Mildred Anderson 4:58.7 100 METER BUTTERFLY Viola Thompson 2:06.4 Mildred Anderson 2:08.7 Nancy Clerk Steward 55 3:10.4 200 METER BUTTERFLY Viola Thompson 4:30.6 SO METER BUTTERFLY Viola Thompson 50 METER BUTTERFLY Viola Thompson 4:30.6 SO METER BUTTERFLY Viola Thompson 4:30.6 SO METER BUTTERFLY Viola Thompson 4:30.6 Mildred Anderson 4:30.6 SO METER BUTTERFLY Viola Thompson 4:30.6 Mildred Anderson 2:26.4 Mildred Anderson 4:26.5 Mildred Anderson 4:26.5 Mildred Anderson 4:26.5 Mildred Simonton 4:12.0 Niola Thompson 4:20.5 Annetta Fleffer 5:10.0 Meters Mildred Anderson 4:20.5 Mildred Simonton 4:20.5 Annetta Fleffer 5:10.0 Mildred Simonton 4:20.5 Annetta Fleffer 5:10.0	Charles Lane Fred Hoener 25 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles Ol	Dick Stewart	Robert Wills 30.3	Barry Fasbender 3:10.6
Mildred Anderson	Charles Lane Fred Homen 25 5,28,0 Charles Olcott 28 5,34,1 Robert Poiletman 5,39,49 1500 METER PREESTYLE Clynn Davies 22:17,5 Fred Homen 25 22:20,0 Charles Olcott 28 22:56,4 Thomas Thomson 23:16,5 Tichard Blough 29 25:27,24 Terry Palmer 28 25:41,7 100 METER BACKSTROKE Bill Dorney 27 Oreg R. Anderson 25 1:11,7 Robert Burns 1:12,50 Tom Chamberlain 1:12,9 Ifm Kurts 1:14,08 Dave Frank 29 1:16,0 Dave Frank 29 1:16,0 Robert Harmony 25 1:16,0 Robert Bourd 1:17,57 Robert Bourd 25 1:16,0 Condent Poiletman 1:17,57 Robert Godd 2:14,8 Condent Condent 25 2:36,6 Charles Dugan 27 2:36,2 Bruce Brown 26 2:38,8 Robert Harmony 25 2:44,8	Dick Stewart 2:21.6	Robert Wills 30.3	Barry Fashender 3:10.6
N11 dred Anderson	Charles Lane Fred Hoener 25 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Clynn Davies Fred Hoener 25 Clynn Davies Clynn Davie	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson 4:58.7	Charles Lane Fred Hoener 25 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles Olcott 30 Charles Dugan 27 Charles Olcott 30 Charles Dugan 27 Charles Code Charles Dugan 27 Charles Char	Dick Stewart 2:21.6	Robert Wills 30.3	### ### #### #### ####################
Mildred Anderson	Charles Lane Fred Hoener 25 Charles Olcott 28 Robert Foiletman 1500 NETER FREESTYLE Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles	Dick Stewart 2:21.6	Robert Wills 30.3	### ### #### #### ####################
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Mildred Anderson	Charles Lane 5:26.0 Fred Hoener 25 5:28.0 Charles Olcott 28 5:34.1 Robert Foiletman 5:39.49 1500 METER PREESTYLE Clynn Davies 22:17.5 Fred Hoener 25 22:20.0 Charles Olcott 28 22:56.4 Thomas Thomson 25:16.5 Tichard Blough 29 25:27.24 Terry Palmer 28 25:41.7 100 METER BACKSTROKE Bill Dorney 27 1:00.5 Tom Chamberlain 1:72.50 Tom Chamberlain 1:	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
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Mildred Anderson 4:58.7	Charles Lane Fred Homen 25 5,28,0 Charles Olcott 28 5,34,1 Robert Poiletman 5,39,49 1500 METER PREESTYLE Clynn Davies 22,17,5 Fred Homen 25 22;20,0 Charles Olcott 28 22;56,4 Thomas Thomson 23,16,5 Tichard Blough 29 25;27,24 Terry Palmer 28 25;41,7 100 METER BACKSTROKE Bill Dorney 27 1:05,0 Tom Chamberlain 1:12,9 Tom Chamberlain 1:12,9 Ifm Kurts 1:14,08 Dave Frank 29 1:14,8 Thomas Eldridge 1:15,1 Robert Harmony 25 1:16,0 Robert Harmony 25 1:36,2 Bennis Good 2:34,6 Charles Dugan 27 2:36,2 Bruce Brown 26 2:34,8 Art Sobel 2:52,3 Rom MacLennon 2:55,7 Peter Keller 3:06,0 Lain McPherson 28 1:00 METER BREASTSTROKE Bob Coleman 25 1:14,5	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson 4:58.7	Charles Lane Fred Hoener 25 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Clynn Davies Fred Hoener 25 Clynn Davies Fred Hoener 25 Clynn Davies Fred Hoener 26 Clynn Davies	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson 4:58.7	Charles Lane Fred Hoener 25 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles Olcott 30 Charles Dugan 27 Charles Olcott 31 Charles Olcott 32 Charles Olcott 31 Charles Olcott 32 Charles Olc	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson	Charles Lane Fred Hoener 25 Charles Olcott 28 Robert Foiletman 1500 METER FREESTYLE Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson 4:58.7	Charles Lane Fred Hoener 25 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles Olcott 29 Charles Olcott 28 Charles Olcott 20 Charles Dugan 27 Charles Olcott Art Sober Harmony 25 Charles Dugan 27 Charles Olcott 2136 Charles Dugan 27 Charles Olcott 318 Charle	### ### ### ### ### ### ### ### ### ##	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson	Charles Lane Fred Homen 25 5,28,0 Charles Olcott 28 5,34,1 Robert Foiletman 5,39,49 1500 METER PREESTYLE Clynn Davies 22,17,5 Fred Homen 25 22;20,0 Charles Olcott 28 22;56,4 Thomas Thomson 23,16,5 Tichard Blough 29 5;27,24 Terry Palmer 28 25;41,7 100 METER BACKSTROKE Bill Dorney 27 5,22,24 Terry Falmer 28 105,0 Tom Chamberlain 1:12,9 Tom Chamberlain 1:12,9 Tim Kurts 1:14,08 Dave Frank 29 1:14,8 Thomas Eldridge 1:15,1 Robert Harmony 25 1:16,0 Robert Harmony 25 1:16,0 Robert Harmony 25 1:16,0 Robert Harmony 25 1:16,0 Robert Harmony 25 1:15,1 Robert Rosa 1:18,00 200 METER BACKSTROKE Dennis Good Charles Dugan 27 2:36,2 Bruce Brown 26 2:34,6 Charles Dugan 27 2:47,8 Art Sobel 2:52,3 Art Sobel 2:52,3 Art Sobel 2:55,7 Peter Keller 3:06,0 10 METER BACKSTROKE Bob Coleman 25 Ken Doesburg 1:14,5 Paul Jeffers 1:15,6 Mike Cohen 1:17,41 Bob Husson 1:17,79 Duke Gibbs 26 1:18,7	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson 4:58.7	Charles Lane Fred Hoener 25 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles Olcott 29 Charles Olcott 28 Charles Olcott 20 Charles Dugan 27 Charles Olcott Art Sober Harmony 25 Charles Dugan 27 Charles Olcott 2136 Charles Dugan 27 Charles Olcott 318 Charle	Dick Stewart	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson	Charles Lane 5:26.0 Fred Homen 25 5:28.0 Charles Olcott 28 5:34.1 Robert Foiletman 5:39.49 1500 METER PREESTYLE Clynn Davies 22:17.5 Fred Homen 25 22:20.0 Charles Olcott 28 22:56.4 Thomas Thomson 25:16.5 Tichard Blough 29 25:27.24 Terry Palmer 28 25:41.7 100 METER BACKSTROKE Bill Dorney 27 25:27.24 Terry Falmer 28 1:05.0 Tom Chamberlain 1:12.9 Tom Chamberlain 1:17.57 Robert Barns 1:16.0 Dave Frank 29 1:16.8 Robert Harmony 25 1:16.0 Robert Holloman 1:17.57 Robert Ross 1:18.00 200 METER BACKSTROKE Dennis Good 2:34.8 Robert Harmony 25 2:34.8 Art Sobel 2:38.8 Robert Harmony 25 2:47.8 Art Sobel 2:52.3 Art Sobel 2:52.3 Art Sobel 3:10.0 100 METER BREASTROKE Bob Coleman 25 Ken Doesburg 1:14.5 Paul Jeffers 1:15.6 Mike Cohen 1:17.41 Bob Husson 11:7.79 Duke Gibbs 26 1:18.7	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson 4:58.7	Charles Lane Fred Hoener 25 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Clynn Davies Fred Hoener 25 Charles Olcott 28 Clynn Davies Charles Olcott 28 Clynn Davies Cl	Dick Stewart	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
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Mildred Anderson 4:58.7	Charles Lane Fred Hoener 25 Charles Olcott 28 Robert Poiletman 1500 METER PREESTYLE Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles Davies Charles Durns Chamberlain Charles Charles Charles Charles Charles Digan 27 Charles Dugan 27 Charles Older Charles Dugan 27 Charles Dugan 27 Charles Older Charles Dugan 27 Charles Dugan 27 Charles Older Charles Charles Dugan 27 Charles Older Charles Charles Older Charl	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson 4:58.7	Charles Lane Fred Hoener 25 Charles Olcott 28 Clynn Davies Clyn	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson 2:04.5	Charles Lane Fred Hoener 25 Charles Olcott 28 Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles Olcott 29 Charles Olcott 28 Charles Olcott 29 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Charles Olcott 38 Charles Ol	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson 4:58.7	Charles Lane Fred Hoener 25 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles Olcott 29 Charles Olcott 29 Charles Olcott 20 Charles Ol	Dick Stewart C:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##
Mildred Anderson 2:04.5	Charles Lane Fred Hoener 25 Charles Olcott 28 Clynn Davies Fred Hoener 25 Charles Olcott 28 Charles Olcott 29 Charles Olcott 28 Charles Olcott 29 Charles Olcott 28 Charles Olcott 28 Charles Olcott 28 Charles Olcott 38 Charles Ol	Dick Stewart 2:21.6	Robert Wills 30.3	### ### ### ### ### ### ### ### ### ##

Art Welch Roger Franks	5:48.0								
Roger Franks		Frank Blair	2:48.8	John Augustine 52	5:12.0	Geo Furlong	6:52.8	Les Finnegan 60	2:00.9
	5:51.81	Rog Stickney	2:48.89	Walt Lindstrom	4:02.1	Charles Dunworth 57	7:12.8	Louis Rinna	2:03.3
Bob Kueny	6:01.14	S. Mann	2:53.2	400 METER FREESTYLE	7.76.	Joe Rose	7:12.9	Hussell Hargraves	2:17.4
1500 METER FREESTYLE		Lou Silverstein	2:58.0	Fred Taioli	5:36.5	Ernest Van Horn	7:30.5	Al Onsgard 61	2:18.3
Surwell Jones	19:38.2	Jack Kelly	3:00.97	Reed Ringel 50	6:04.4	Walt Wells	7:55.0	200 METER BACKSTOCKE	
Jack Craigie 43	21:39.0	400 METER FREESTYLE	1-2010	Alec Penny	6:08.5	1500 METER FREESTYLE		Tom Monahan	3:41.2
Bob Beach 42	21:42.8	Carl Yates Frank Blair	5:08.3	Robert Cowan 52	6:36.5	Don Rankin	23:50.3	Oscar Sigrist	3:42.85
Cal Beatz 40	22:27.57	Morgan Byers	5:46.0	Joseph Sacher 54	6:36.5	Hamilton Anderson	26:31.8	Gordon Corson	3:55.6
Art Welch Alex Gilbert 40	23:15.1	John Alleva	5:54.47	Peter Deland 52	6:37.5	Walt Pfeiffer 59	27:04.4	Al Guth	4:09.2
	23:44.9	Bob Cunningham	5:56.3	Dore Schwab	6:41.3	John McKengie	24:08.0	Jim Troughton	4:16.1
Bud Schumacher Herb Nakama 43	24:47.8	Lou Silverstein	6:08.8	Joe Sacher	6:42.0	100 METER BACKSTROKE	1.21 0	Bill Loughborough Les Finnegan 60	4:17.5
Dan Gruender	25:25.2 27:08.1	Joseph Rogers 45	6:19.0	Walt Lindstrom	7:07.1	Tom Lind	1:31.8	Russell Hargreaves 64	
Jerry Vickers 42	27:43.4	John Zagar 40	6:35.56	John H. McAuley 50	7:08.9	Jerry Stefert 55	1:33.3	100 METER BREASTSTROK	
100 METER BACKSTROKE				Bud Richardson 53	9:16.7	John McKenzie Lynn Surles	1:35.32	Rig Richardson	1:43.4
The second secon		Henry Lentzsch 48	6:37.4	1500 METER FREESTYLE		Cliff Croome	1:36.5	Rufus Clark	1:43.8
Wm. Clinton	1:15.94	Bob Bond 1500 METER FREESTYLE	6:45.7	Fred Taioli	22:27.5	Walt Wells	1:41.1	Sam Bernstein	1:48.0
Bob Burnside	1:18.7	Carl Yates	20:17.0	Reed Ringel	24:29.2	John Keating	1:43.4	Bill Loughborough	1:53.4
Stan McConnell 41 Cal Bentz 40	1:27.49	Paul Hutinger	22:44.57	Joe Sacher	25:39.3	A. Donald Hankin 57	1:47.0	Add Jones	1:53.4
Ken Kimball	1:27.6	Frank Blair	23:00.0	Joseph Sacher 54	25:49.0	Charles Dunworth 57	1:51.1	Al Guth	1:54.7
Art Welch	1:28.6	C. F. Anderson	34:50.9	Bud Brooks	35:26.0	Mathew Block	1:58.3	Oscar Sigrist	2:05.46
Bernt Johnsson 44	1:30.1	100 METER BACKSTROKE		Bud Richardson 53	38:10.2	John Brown 58	2:13.6	Herbert Howe	2:13.76
Denis Rice	1:31.2	Paul Hutinger 48	1:17.1	John Augustine	44:01.0	200 METER BACKSPROKE		Bernard Silber	2:18.8
Bob Beach	1:31.9	Duane Draves	1:18.0	100 METER BACKSTROKE	1.10.2	Jerry Siefert	3:23.1	Harold T. Davis	2:27.6
Loring Holmes 44	1:33.4	Roger Franks	1:20.58	Paul Herron Ray Taft	1:19.3	John McKenzie	3:27.7	200 METER BREASTUTROK	E
200 METER BACKSTROKE		Hob White	1:23.47	Bill Stadig	1:37.9	Tom Lind	3:33.6	Rufus Clark	3:44.5
Bob Beach 42	3:11.3	Don Stupfel	1:23.5	Joe Himmel	1:40.0	John Keating	3:47.5	Reg Richardson	3:50.9
Ken Kimball	3:11.5	John Zager 46	1:26.40	John Cemirys	1:41.70	A. Donald Rankin 57	3:50.8	Al Guth	3:59.1
Art Welch	3:12.0	A. Arcidiacona	1:33.5	Edward Truitt 50	1:42.3	Walt Wells	3:59.2	Sam Bernstein 64	4:18.6
John Hiles 44	3:14.5	Lou Silverstein	1:39.1	Reed Ringel 50	1:47.2	John Brown 58	5:09.2	Bernard Silber	5:13.8
Bernt Jonsson	3:16.5	Dan Sullivan 46	1:39.2	Luis Valle	2:12.9	100 METER BREASTSTROK		SIII Johnston	5:42.6
Pedro Garcia 43	3:27.4	Dick Mesirov	1:39.64	200 METER BACKSTROKE	51235	Tom Lind	1:29.0	50 METER BUTTERFLY	200
Ken Dawson	3:28.74	200 METER BACKSTROKE		Paul Herron	2:53.8	Walt Wells	1:35.0	Mel Maxwell 61	38.6 44.5
Denis Rice	3:37.6	Duane Draves	2:52.2	Ray Taft	3:15.7	Brud Cleveland	1:36.5	Reg Richardson	
John Baumen	3:40.73	Roger Franks	2:53.83	0111 Stadig	3:31.5	Walt Pfeiffer	1:36.8	Herbert Howe Al Guth	47.60 48.5
Loring Ho'mes 44	3:45.0	Carl Yates	3:04.4	Cliff Wright 52	3:42.5	George Trawicki	1:40.79	Bill Loughborough	48.7
100 METER BREASTSTRO		Bob White	3:04.73	Edward Truitt 50	3:48.8	John LeVett	1:46.79	Sam Bernstein	52.2
Ron Johnson 41	1:22.5	Don Stupfel	3:12.4	Robert Cowan 52	3:50.2	Cal Schaeffer Lynn Surles	1:52.35	Thomas Monahan 63	59.4
Bob Kueny	1:24.82	Frank Blair Dick Mesirov	3:41.30	Luis Valle	5:00.1	A. Donald Rankin 57	1:52.4	100 METER SUTTERFLY	
Bob Matteon	1:25.10	Fred Farley	4:15.2	100 METER BREASTSTROKE		Roy Charles	1:58.1	Al Guth	1:56.6
Dan Gruender	1:28.8	100 METER BREASTSTROK		Ted VonBerckefeldt	1:32.0	200 METER BREASTSTROKE		Bill Loughborough	2:10.1
Nick Berenyi	1:32.7	Rog Stickney	1:25.02	Tom Dowell 51	1:34.4	Tom Lind	3:25.7	200 METER INDIVIDUAL I	
Bud Schumacher	1:32.7	Ted Haartz 45	1:26.7	Jack Warren	1:35.8	Walt Pfeiffer	3:32.5	Reg Richardson	3:37.0
Ralph Johnson 41 Bill Williams	1:33.8	Hansom Arthur	1:27.9	Jack Burgan 50	1:37.6	Walt Wells	3:35.7	Herbert Howe	3:50.14
Alex Gilbert 40	1:34.2	Duana Draves 47	1:31.0	Ray Taft	1:39.8	A. Donald Rankin 57	4:03.4	Al Guth	3:56.3
John Bauman	1:34.74	Mark Coughlin 45	1:32.9	Bill Stadig	1:40.6	Ham Anderson	4:19.8	Bill Loughborough	4:06.9
200 METER BREASTSTRO		Howard Johnson	1:33.7	Cliff Wright 52	1:41.6	50 METER BUTTERFLY		MEN 65-69	
Bob Mattson	3:05.45	Norm Bunick 48	1:34.9	Joseph Miko Walt Lindstrom	1:42.2	Walt Pfeiffer	39.1	50 METER PREESTYLE	
Bob Kueny	3:08.23	Bob Cunningham	1:35.2	Reed Ringel 50	1:48,9	Tom Lind	39.6	John McGuire 69	36.1
Nick Serenyi	3:19.64	S. Mann	1:36.7	200 METER BREASTSTROKE		Jerry Siefort	39.7	Theodore Whitesell 65	37.9
Dan Gruender	3:25.5	Bill Simpson 49	1:38.96	Tom Dowell 51	3:34.9	Walt Wells	40.4	Harry Jaggers 66	38.33
Alex Cilbert 40	3:27.8	Matt Flanagan 47	1:38.0	Hill Stadig	3:44.3	100 METER BUTTERFLY	100000000000000000000000000000000000000	Harold T. Davis	45.7
John Bauman	3:28.28	200 METER BREASTSTROK		Ray Taft	3:45.0	Walt Pfeiffer	1:31.1	Robert Blake	48,9
Joe Wakabayashi	3:29.2	Ted Haartz 45	3:10.9	Jack Bufgan 50	3:45.6	Hamilton Anderson	2:16.0	100 METER FREESTYLE	1 00 7
Bud Schumacher	3:29.9	Ransom Arthur	3:15.9	Joseph Miko 53	3:47.1	200 METER INDIVIDUAL I		John McGuire 69	1:29.7
Pavel Novotny	3:38.5	Mark Coughlin 45	3:22.4	Cliff Wright	3:47.4	Tom Lind	3:18.9	Theodore Whitesell 65	
Dick Lewis	3:41.0	Hob Cunningham	3:33.2	50 METER HUTTERFLY		Walt Pfeiffer	3:21.5	Harry Jaggers	1:38.96
50 METER BUTTERFLY		Jim Hodges	3:39.1	Paul Herron	37.3	Jerry Stefert 55 Walt Wells	3:28.3	Al Guth	1:43.2
Ron Johnson 41	28.5	Hatt Flanagan 47 Dick Mesirov	3:39.4	Jack Burgan 50	39.0	Hamilton Anderson	4:08.7	Robert Blake Harold T. Davis	1:50.5
Wm. Clinton	30.24	Roger Franks	3:47.20	Hill Stadig	39.2		4.66.	Cliff Brown	
Hal Begel	30.98	Hob Nichols	4:01.7	Tom Dowell	39.6	MEN 60-64		200 METER FREESTYLE	2:07.36
Edward Emes 44	31.6	Hans Hellmann 45	4:04.9	Dore Schwab	40.0	50 METER FREESTYLE	32.6	Al Guth 65	3:28.7
Ken Benfield	32.0	50 METER BUTTERFLY	4:04,9	Clark Brill 50	40.2	Reg Richardson 61	33.0	Harry Jaggers	3:38.38
Alex Gilbert 40	32.8	Bob White	33.80	John Cemirys	45.0	Mel Maxwell 61	34.0	John McGuire 69	3:44.9
Bob Mattson	33.89	Duane Draves	34.6	Lyle Felderman 54	45.3	Henton Wood Thomas Monahan 63	35.7	Theodore Whitesell	3:45.4
Nob Kueny	34.0	Carl Yates	34.7	John H. McAuley 50	50.2		36.69	Harold T. Davis	4:01.8
Stan McConnell 41	34.4	Ted Heartz 45	35.2	100 METER BUTTER LY	1.70 7	Herbert Howe	36.8	Robert Blake	4:35.0
Art Welch 100 METER BUTTERFLY	34.8	Rog Stickney	35.24	Hill Stadig Tom Dowell	1:29.3	David McAfee 63	37.5		
Wm. "linton					1:44.3				
	1.15 88	Don Hubbard	31.4				44.5	AL Guth 65	7:38.8
	1:15.88	Don Hubbard Daniel Lipkin	37.1	Jack Burgan 50		Louis McCreery 62	44.6	Al Guth 65	7:38.8 7:57.52
Alex Gilbert 40	1:19.5		37.65	Jack Burgan 50 John H. McAuley 50	2:09.7 EDLEY		46.1	Al Suth 65 Harry Jaggers	7:57.52
Alex Gilbert 40 Art Welch	1:19.5	Daniel Lipkin Richard Glick 46	37.65 38.4	Jack Hurgan 50 John H. McAuley 50 200 METER INDIVIDUAL 9	2:09.7 MEDLEY	Louis McCreery 62 Bill Johnsbon		Al Guth 65	
Alex Gilbert 40 Art Welch Bob Mattson	1:19.5 1:19.7 1:23.18	Daniel Lipkin	37.65	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F Faul Herron	2:09.7 EDLEY 2:58.7	Louis McCreery 62 Hill Johnsbon Louis Rinns	46.1	Al Suth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Davis	7:57.52 7:59.9 8:31.9 8:54.9
Alex Gilbert 40 Art Welch Hob Mattson Edward Emes 44	1:19.5 1:19.7 1:23.18 1:28.3	Baniel Lipkin Richard Glick 46 Jack Nelson 49	37.65 38.4 40.2 41.1	Jack Hurgan 50 John H. McAuley 50 200 METER INDIVIDUAL 9	2:09.7 MEDLEY	Louis McCreery 62 Bill Johnsbon Louis Rinns 100 METER FREESTYLE	46.1 47.3 1:15.3 1:20.5	Al Suth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Davis Cliff Brown	7:57.52 7:59.9 8:31.9
Alex Gilbert 40 Art Welch Bob Mattson	1:19.5 1:19.7 1:23.18	Daniel Lipkin Richard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard	37.65 38.4 40.2 41.1	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F Faul Herron Ray Taft Hill Stadis Reed Ringel 50	2:09.7 <u>EDLEY</u> 2:58.7 3:11.8 3:20.4 3:33.6	Louis McCreery 62 mill Johnston Louis Rinns 100 METER FREESTYLE Reg Richardson Tom Monalian Eldin Onsgard	46.1 47.3 1:15.3 1:20.5 1:23.9	Al Suth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Davis	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24
Alex Gilbert 40 Art Welch Bob Mattson Edward Emes 44 Herb Nakama 43	1:19.5 1:19.7 1:23.18 1:28.3 1:28.8	Daniel Lipkin Alchard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson	37.65 38.4 40.2 41.1 1:31.6 1:34.0	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F Paul Herron Ray Taft Hill Stadly Reed Ringel 50 Jack Burgan 50	2:09.7 MEDLEY 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5	Louis McCreery 62 hill Johnsbon Louis Rinns 100 METER FREESTYLE Reg Richardson Tom Monallan Eldin Onsgard Herbert Howe	46.1 47.3 1:15.3 1:20.5 1:23.9 1:24.20	Al Guth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Davis Cliff Brown 1500 METER PREESTYLE Al Guth 65	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24
Alex Gilbert 40 Art Welch Bob Mattson Edward Emes 44 Herb Nakama 43 Pavel Novotny	1:19.5 1:19.7 1:23.18 1:28.3 1:28.8 1:28.8	Daniel Lipkin Richard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham	37.65 38.4 40.2 41.1 1:31.6 1:34.0 1:43.6	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F Faul Herron Ray Taft Hill Stadig Reed Ringel 50 Jack Burgan 50 Dore Schwah	2:09.7 MEDLEY 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5 1:56.2	Louis McCreery 62 mill Johnson Louis Rinna 100 METER PREESTYLE Reg Richardson Tom Monalian Eldin Onsgard Herbert Howe David McAfee 63	46.1 47.3 1:15.3 1:20.5 1:23.9 1:24.20 1:25.2	Al Guth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Davis Cliff Brown 1500 METER PREESTYLE	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24
Alex Gilbert 40 Art Welch Bob Nattson Edward Emes 44 Herb Nakama 43 Pavel Novotny Bud Schumacher	1:19.5 1:19.7 1:23.18 1:28.3 1:28.8 1:28.8 1:30.2	Daniel Lipkin Alchard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham Alchard Glick 46	37.65 38.4 40.2 41.1 1:31.6 1:34.0 1:43.6 1:53.4	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F FRAIL HEFFOR Ray Taft Bill Stadls Reed Ringel 50 Jack Burgan 50 Dore Schwah John Gemirys	2:09.7 MEDLEY 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5	Louis McCreery 62 hIII Johnsbon Louis Rinns 100 METER FREESTYLE Reg Richardson Tom Monalian Eldin Onsgard Herbert Howe David McAfee 63 hill Loughborough	46.1 47.3 1:15.3 1:20.5 1:23.9 1:24.20 1:25.2 1:30.6	Al Guth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Davis Cliff Brown 1500 METER PREESTYLE Al Guth 65	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24 30:14.1 32:05.0
Alex Odlbert 40 Art Welch Nob Mattson Edward Emes 44 Herb Nakama 43 Favel Novotny Bud Schumacher Alfonso Allen Cal Bentz 40 Loring Holmes 44	1:19.5 1:19.7 1:23.18 1:28.8 1:28.8 1:30.2 1:31.72 1:37.97 1:50.4	Daniel Lipkin Richard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham Richard Glick 46 200 METER INDIVIDUAL:	37.65 38.4 40.2 41.1 1:31.6 1:34.0 1:43.6 1:53.4 MEDLEY	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F FRAIL Herron Ray Traft Hill Stadig Reed Ringel 50 Jack Burgan 50 Dore Schwah John Gemirya MEEN 55-59	2:09.7 MEDLEY 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5 1:56.2	Louis McCreery 62 hill Johnsoon Louis Rinns 100 METER PREESTYLE Reg Richardson Tom Monalian Eldin Onsgard Herbert Howe David McAfee 63 hill Loughborough Herbert Bender 63	46.1 47.3 1:15.3 1:20.5 1:23.9 1:24.20 1:25.2 1:30.6 1:38.3	Al Guth 65 Harry Jaggers Al Kallunki John McGufre 69 Harold T. Davis Cliff Brown 1500 METER PREESTYLE Al Guth 65 Al Kallunki	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24 30:14.1 32:05.0 4:05.3
Alex Gilbert 40 Art Welch Nob Mattaon Edward Emes 44 Herb Nakama 43 Favel Novotny Bud Schumacher Alfonso Allen Cal Bentz 40 Loring Holmes 44 200 METER INDIVIDUAL	1:19.5 1:19.7 1:23.18 1:28.3 1:28.8 1:28.8 1:30.2 1:31.72 1:37.97 1:50.4 L MEDLE¥	Daniel Lipkin Richard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham Richard Glick 46 200 METER INDIVIDUAL Paul Hutinger 48	37.65 38.4 40.2 41.1 1:31.6 1:34.0 1:43.6 1:53.4 NEDLEY 2:47.95	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F FRAIL HEFFOR Ray Taft Hill Stadig Reed Ringel 50 Jack Burgan 50 Jack Burgan 50 John Gemirya MEN 55-59 30 NETER FREESTYLE	2:09,7 MDLEY 2:58,7 3:11,8 3:20,4 3:33,6 3:35,5 1:56,2 4:08,04	Louis McCreery 62 mill Johnsbon Louis Rinns 100 MCTER PREESTYLE Reg Richardson Tom Monalian Eldin Onsgard Herbert Howe David McAfee 63 mill Loughborough Herbert Bender 63 Al Cuth 64	46.1 47.3 1:15.3 1:20.5 1:23.9 1:24.20 1:25.2 1:30.6 1:38.3 1:40.8	Al Guth 65 Harry Jaggers Al Kallunki John McGufre 69 Harold T. Davis Cliff Brown 1500 METER FREESTYLE Al Guth 65 Al Kallunki 200 METER BACKSTRUKE Al Guth 65 Cliff Brown	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24 30:14.1 32:05.0 4:05.3 6:00.50
Alex Gilbert 40 Art Welch Bob Nattmon Edward Emes 44 Herb Nakama 43 Pavel Novotny Bud Schumacher Alfonso Allen Cal Bentz 40 Loring Holmes 44 200 METER INDIVIDUAL Bob Mattson 42	1:19.5 1:19.7 1:23.18 1:28.3 1:28.8 1:28.8 1:30.2 1:31.72 1:37.97 1:50.4 L MEDLE¥ 2:45.81	Daniel Lipkin Alchard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham Alchard Glick 46 200 METER INDIVIDUAL 1 Paul Hutinger 48 Duane Draves	37.65 38.4 40.2 41.1 1:31.6 1:34.0 1:43.6 1:53.4 MEDLEY 2:47.95 2:52.0	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F Paul Herron Ray Taft Hill Stadle Red Ringel 50 Jack Burgan 50 Dore Schwah John Centrya MEER 55-59 30 METER FREENTILE Jerry Stefert 55	2:09.7 MDLEY 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5 1:56.2 4:08.04	Louis McCreery 62 hIII Johnsbon Louis Rinns 100 METER PREESTYLE Reg Richardson Tom Mondlan Eldin Onsgard Herbert Howe David McAfee 63 hIII Loughborough Herbert Bender 63 Al Guth 64 Add James	46.1 47.3 1:15.3 1:20.5 1:23.9 1:24.20 1:25.2 1:30.6 1:38.3 1:40.8 1:44.2	Al Guth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Dayis Cliff Brown 1500 METER FREESTYLE Al Guth 65 Al Kallunki 200 METER BACKSTRUKE Al Guth 65 Cliff Brown 100 METER BREASTSTROKE	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24 30:14.1 32:05.0 4:05.3 6:00.50
Alex Gilbert 40 Art Welch Nob Mattaon Edward Emes 44 Herb Nakama 43 Favel Novotny Bud Schumacher Alfonso Allen Cal Bentz 40 Loring Holmes 44 200 METER INDIVIDUAL Bob Mattson 42 Ron Johnson	1:19.5 1:19.7 1:23.18 1:28.3 1:28.8 1:28.8 1:30.2 1:31.72 1:37.97 1:50.4 L MEDLE¥ 2:45.81 2:50.0	Daniel Lipkin Richard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham Richard Glick 46 200 METER INDIVIDUAL 1 Paul Hutinger 48 Duane Draves Roger Franks 46	37.65 38.4 40.2 41.1 1:31.6 1:34.0 1:53.4 NEDLEY 2:47.95 2:52.0 3:00.29	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F FRAUL Herron Ray Traft Hill Stadig Reed Ringel 50 Jack Burgan 50 Dore Schwab John Gentrya MEN 55-59 30 NETER FREESTYLE Jerry Stefert 55 Lynn Suries	2:09.7 MEDLEY 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5 1:56.2 4:08.04 30.3 31.07	Louis McCreery 62 hill Johnsoon Louis Rinns 100 METER PREESTYLE Reg Richardson Tom Monalian Eldin Onsgard Herbert Howe David McAfee 63 hill Loughborough Herbert Bender 63 Al Cuth 64 Add James Sam Bernstein	46.1 47.3 1:15.3 1:20.5 1:23.9 1:24.20 1:25.2 1:30.6 1:38.3 1:40.8	Al Guth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Dayis Cliff Brown 1500 METER PRESTYLE Al Guth 65 Al Kallunki 200 METER BACKSTROKE Al Guth 65 Cliff Brown 100 METER BREASTSTROKE Winston Kratz	7:57.52 7:59.9 8:31.9 8:34.9 12:07.24 30:14.1 32:05.0 4:05.3 6:00.50
Alex Gilbert 40 Art Welch Nob Nattson Edward Emes 44 Herb Nakama 43 Favel Novotny Bud Schumacher Alfonso Allen Cal Bentz 40 Loring Holmes 44 200 METER INDIVIDUAL Bob Mattson 42 Ron Johnson Bill Clinton 41	1:19.5 1:19.7 1:23.18 1:28.8 1:28.8 1:30.2 1:31.72 1:37.97 1:50.4 L MEDLE¥ 2:45.81 2:50.0 2:52.47	Daniel Lipkin Alchard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham Alchard Glick 46 200 METER INDIVIDUAL 1 Paul Hutinger 48 Duane Draves	37.65 38.4 40.2 41.1 1:31.6 1:34.0 1:43.6 1:53.4 MEDLEY 2:47.95 2:52.0	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F Paul Herron Ray Taft Bill Stadlg Reed Ringel 50 Jack Burgan 50 Dore Schwah John Gemirya MEN 55-59 30 METER FREESIYLE Jerry Siefert 55 Lynn Surles A. Donald Rankin 57	2:09.7 #EDLEY 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5 3:56.2 4:08.04 30.3 31.07 33.8	Louis McCreery 62 hIII Johnsbon Louis Rinns 100 METER FREESTYLE Reg Richardson Tom Monalian Eldin Onsgard Herbert Howe David McAfee 63 hIII Loughborough Herbert Bender 63 Al Cuth 64 Add James Sam Bernstein 200 METER FREESTYLE	46.1 47.3 1:15.3 1:20.5 1:23.9 1:24.20 1:25.2 1:30.6 1:38.3 1:40.8 1:44.2	Al Guth 65 Harry Jaegers Al Kallunki John McGuire 59 Harold T. Davis Cliff Brown 1500 METER FREESTYLE Al Guth 65 Al Kallunki 200 METER BACKSTROKE Al Guth 65 Cliff Brown 100 METER BREASTSTROKE Winston Kratz Al Guth 65	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24 30:14.1 32:05.0 4:05.3 6:00.50 1:47.6 1:57.3
Alex Gilbert 40 Art Welch Nob Martson Edward Emes 44 Herb Nakama 43 Favel Novotny Bud Schumacher Alfonso Allen Cal Bentz 40 Loring Holmes 44 200 METER INDIVIDUAL Bob Mattson 42 Ron Johnson Bill Clinton 41 Bill Williams	1:19.5 1:19.7 1:23.18 1:28.3 1:28.8 1:28.8 1:30.2 1:31.72 1:50.4 L MEDLE¥ 2:45.81 2:50.0 2:52.47 2:56.9	Daniel Lipkin Aichard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham Richard Glick 46 200 METER INDIVIDUAL: Paul Hutinger 48 Duane Draves Roger Franks 46 Carl Yates	37.65 38.4 40.2 41.1 1:31.6 1:34.0 1:43.6 1:53.4 1:53.4 1:52.2 2:47.95 2:52.0 3:00.29 3:00.29	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F Paul Herron Ray Taft Hill Stadig Reed Ringel 50 Jack Burgan 50 Dore Schwah John Gemirys MEEN 55-59 30 NETER FREESTYLE Jerry Stefert 55 Lynn Surles A. Bonald Rankin 57 John Koating	2:09.7 #EDLEY 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5 1:56.2 4:08.04 30.3 31.07 33.8 34.8	Louis McCreery 62 hill Johnsbon Louis Rinns 100 METER FREESTYLE Reg Richardson Tom Monahan Eldin Onsgard Herbert Howe David McAfee 63 hill Loughborough Herbert Bender 63 Al Cuth 64 Add James Sam Bernstein 200 METER FREESTYLE Reg Richardson	46.1 47.3 1:15.3 1:20.5 1:23.9 1:24.20 1:25.2 1:30.6 1:38.3 1:40.8 1:44.2 1:45.7	Al Guth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Davis Cliff Brown 1500 METER FREESTYLE Al Guth 65 Al Kallunki 200 METER BRACKSTROKE Al Guth 65 Cliff Brown 100 METER BRACKSTROKE Winston Kratz Al Guth 65 Ron Drummond	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24 30:14.1 32:05.0 4:05.3 6:00.50 1:47.6 1:57.3 2:14.5
Alex Gilbert 40 Art Welch Art Welch Art Welch Arbeit Mattaon Edward Emes 44 Herb Nakama 43 Favel Novotny Bud Schumacher Alfonso Allen Cal Bentz 40 Loring Holmes 44 200 METER INDIVIDUAL Bob Matteon 42 Ron Johnson Bill Clinton 41 Bill Williams Stan McConnell 41	1:19.5 1:19.7 1:23.18 1:28.8 1:28.8 1:30.2 1:31.72 1:37.97 1:50.4 L MEDLE¥ 2:45.81 2:50.0 2:52.47 2:56.9	Daniel Lipkin Richard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham Richard Glick 46 200 METER INDIVIDUAL! Paul Hutinger 48 Duane Draves Roger Franks 46 Carl Yates Bob Mhire	37.67 38.4 40.2 41.1 1:31.6 1:34.0 1:43.6 1:53.4 NEDLEY 2:47.95 2:52.0 3:00.29 3:02.3 3:02.3	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F FRAIL HETON Ray Taft Hill Stadig Reed Ringel 50 Jack Burgan 50 Dore Schwab John Comirya MEN 55-59 30 METER FREESIYLE Jerry Stefert 55 Lynn Surles A. Bonald Rankin 57 John Koating Cal Schwaffer	2:09.7 #EDLEY 7 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5 1:56.2 4:08.04 30.3 31.07 33.8 34.8 35.56	Louis McCreery 62 hIII Johnsbon Louis Rinns 100 METER FREESTYLE Reg Richardson Tom Monalian Eldin Onsgard Herbert Howe David McAfee 63 hIII Loughborough Herbert Bender 63 Al Cuth 64 Add James Sam Bernstein 200 METER FREESTYLE	46.1 47.3 1:15.3 1:20.5 1:23.9 1:26.20 1:25.2 1:30.6 1:38.3 1:40.8 1:44.2 1:45.7	Al Guth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Davis Cliff Brown 1500 METER PREESTYLE Al Guth 65 Al Kallunki 200 METER BACKSTROKE Al Guth 65 Cliff Brown 100 METER BREASTSTROKE Winston Kratz Al Guth 65 Ron Drummond Robert 8lake	7:57.52 7:59.9 8:31.9 8:34.9 12:07.24 30:14.1 32:05.0 4:05.3 6:00.50 1:47.6 1:57.3 2:14.5 2:45.4
Alex Gilbert 40 Art Welch Bob Mattson Edward Emes 44 Herb Nakama 43 Pavel Novotny Bud Schumacher Alfonso Allen Cal Bentz 4 0 Loring Holmes 44 200 METER INDIVIDUAL Bob Hattson 42 Ron Johnson Bill Clinton 41 Bill Williams Stan McConnell 41 Alex Gilbert 40	1:19.5 1:19.7 1:23.18 1:28.8 1:28.8 1:28.8 1:30.2 1:31.72 1:37.97 1:50.4 LMEDLE¥ 2:45.81 2:50.0 2:52.47 2:56.9 3:04.6	Daniel Lipkin Richard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham Richard Glick 46 200 METER INDIVIDUAL: Paul Hutinger 48 Duane Draves Roger Franks 4b Carl Yates Bob White Mark Coughlin 45 Don Stupfel Lou Silverman	37.65 38.4 40.2 41.1 1:31.6 1:33.6 1:53.4 NEDLEY 2:47.95 2:52.0 3:00.29 3:00.29 3:00.29 3:02.67 3:28.4 3:28.5 3:32.4	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F Paul Herron Ray Taft Hill Stadig Reed Ringel 50 Jack Burgan 50 Dore Schwah John Gemirys MEEN 55-59 30 NETER FREESTYLE Jerry Stefert 55 Lynn Surles A. Bonald Rankin 57 John Koating	2:09.7 #EDLEY 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5 1:56.2 4:08.04 30.3 31.07 33.8 34.8	Louis McCreery 62 nill Johnsbon Louis Rinns 100 MCTER PREESTYLE Reg Richardson Tom Monalian Eldin Onsgard Herbert Howe David McAfee 63 sill Loughborough Herbert Bender 63 Al Cuth 64 Add James Sam Bernsteln 200 MCTER PREESTYLE Reg Richardson Lou Nagy Eldin Onsgard Benton Wood	46.1 47.3 1:15.3 1:20.5 1:23.9 1:24.20 1:25.2 1:38.3 1:40.8 1:44.2 1:45.7 2:55.4 3:03.0 3:07.3 3:13.2	Al Guth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Davis Cliff Brown 1500 METER FREESTYLE Al Guth 65 Al Kallunki 200 METER BACKSTROKE Al Guth 65 Cliff Brown 100 METER BREASTSTROKE Winston Kratz Al Guth 65 Ron Drummond Robert Blake 200 METER BREASTSTROKE	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24 30:14.1 32:05.0 4:05.3 6:00.50 1:47.6 1:57.3 2:14.5 2:45.4
Alex Gilbert 40 Art Welch Nob Mattaon Edward Emes 44 Herb Nakama 43 Favel Novotny Bud Schumacher Alfonso Allen Cal Bentz 40 Loring Holmes 44 200 METER INDIVIDUAL Bob Mattson 42 Ron Johnson Bill Clinton 41 Bill Williams Stan McConnell 41 Alex Gilbert 40 Bob Kueny	1:19.5 1:19.7 1:23.18 1:28.8 1:28.8 1:30.2 1:31.72 1:37.97 1:50.4 L MEDLEW 2:50.0 2:52.47 2:56.9 2:57.2 3:04.6	Daniel Lipkin Aichard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob Cunningham Richard Glick 46 200 METER INDIVIDUAL Paul Hutinger 48 Duane Draves Roger Franks 46 Carl Yates Bob White Hark Coughlin 45 Don Stupfel Lou Silverman Joseph Rodgers 45	37.65 38.4 40.2 41.1 1:31.6 1:34.0 1:43.6 1:53.4 MEDLEY 2:47.95 2:52.0 3:00.29 3:02.3 3:02.67 3:28.5 3:32.4 3:38.5	Jack Burgan 50 John H. McAuley 50 200 METER INDIVIDUAL F Paul Herron Ray Taft Hill Stadle Red Ringel 50 Jack Burgan 50 Dore Schwah John Centrys MEER 55-59 30 NETER FREENTYLE Jerry Stefert 55 Lynn Surles A. Donald Rankin 57 John Keating Gal Schweffer Walt Wells	2:09.7 #EDLEY 2:58.7 3:11.8 3:20.4 3:33.6 3:35.5 3:56.2 4:08.04 30.3 31.07 33.8 34.8 35.56 35.56	Louis McCreery 62 hIII Johnsbon Louis Rinns 100 METER FREESTYLE Reg Richardson Fom Monalian Eldin Onsgard Herbert Howe David McAfee 63 hIII Loughborough Herbert Bender 63 Al Guth 64 Add James Sam Bernstein 200 METER FREESTYLE Reg Richardson Lou Nagy Eldin Onsgard Benton Mood Bill Loughborough	46.1 47.3 1:19.3 1:20.5 1:23.9 1:24.20 1:25.2 1:30.6 1:38.3 1:40.8 1:44.2 1:45.7 2:55.4 3:03.0 3:07.3 3:13.2 3:20.9	Al Guth 65 Harry Jaggers Al Kallunki John McGuire 69 Harold T. Davis Cliff Brown 1500 METER PRESTYLE Al Guth 65 Al Kallunki 200 METER BACKSTROKE Al Guth 65 Cliff Brown 100 METER BREASTSTROKE Winston Kratz Al Guth 65 Ron Drummond Robert Blake 200 METER BREASTSTROKE Al Guth 65	7:57.52 7:59.9 8:31.9 8:54.9 12:07.24 30:14.1 32:05.0 4:05.3 6:00.50 1:47.6 1:57.3 2:14.5 2:45.4
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Davis Cliff Brown 1500 METER FREESTYLE Al Guth 65 Al Kallunki 200 METER BREASTSTROKE Winston Kratz Al Guth 65 Ron Drummond Robert Blake 200 METER BREASTSTROKE Winston Kratz Al Guth 65 Ron Drummond Robert Blake 200 METER BREASTSTROKE Al Guth 65 Al Kallunki 200 METER BREASTSTROKE Al Guth 65 Al Kallunki 200 METER INDIVIDUAL MAL SALLUNKI Al Guth 65 Al Kallunki Al Guth 65 CENT TO TO TO SO METER TREESTYLE Fred Bradley Bill Trask L.L. Sorrells 100 METER FREESTYLE Clarence Ross 73 Bill Trask John Whittemore Ted Mumby Walter Wesbrook 200 METER FREESTYLE Bill Trask Gerhard Mauric Glen Evins 75 Ted Humby 400 METER FREESTYLE Clarence Ross 73 Bill Trask Gerhard Mauric Glen Evins 75 Ted Humby 400 METER FREESTYLE Clarence Ross 73 Bill Trask Gerhard Mauric 70 1500 METER FREESTYLE	7:57.52 7:59.9 8:31.9 8:31.9 8:54.9 12:07.24 30:14.1 32:05.0 4:05.3 6:00.50 1:47.6 1:57.3 2:14.5 2:14.5 2:14.5 4:04.2 4:16.4 49.9 51.8 EDLEY 4:02.9 4:03.4 4:03.4 4:03.4 4:04.2 4:10.3 4:05.3 6:00.50
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Davis Cliff Brown 1500 METER FREESTYLE Al Guth 65 Al Kallunki 200 METER BREASTSTROKE Winston Kratz Al Guth 65 Ron Drummond Robert Blake 200 METER BREASTSTROKE Winston Kratz Al Guth 65 Ron Drummond Robert Blake 200 METER BREASTSTROKE Al Guth 65 Al Kallunki 200 METER BREASTSTROKE Al Guth 65 Al Kallunki 200 METER INDIVIDUAL MAL SALLUNKI Al Guth 65 Al Kallunki Al Guth 65 CENT TO TO TO SO METER TREESTYLE Fred Bradley Bill Trask L.L. Sorrells 100 METER FREESTYLE Clarence Ross 73 Bill Trask John Whittemore Ted Mumby Walter Wesbrook 200 METER FREESTYLE Bill Trask Gerhard Mauric Glen Evins 75 Ted Humby 400 METER FREESTYLE Clarence Ross 73 Bill Trask Gerhard Mauric Glen Evins 75 Ted Humby 400 METER FREESTYLE Clarence Ross 73 Bill Trask Gerhard Mauric 70 1500 METER FREESTYLE	7:57.52 7:59.7 8:31.9 8:31.9 8:54.9 12:07.24 30:14.1 32:05.0 4:05.3 6:00.50 1:47.6 1:57.3 2:14.5 2:45.4 4:04.2 4:16.4 4:94.2 4:16.4 4:95.8 EEDLEY 4:03.2 4:03.3
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Donald Rankin 57 John Surles Ernest Vanilorn John McKenzie Tom Lind 55 Matt Pfeiffer 59 George Furlong John Keating Charles Dunworth 57 Jorn Stefert John McKenzie Hamilton Anderson Joe Rose Cal Schaeffer Walt Wells Esteen Hunt 55 Roy Charles 59 400 METER FREESTYLE A. 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Dayis Cliff Brown 1500 METER FREESTYLE Al Guth 65 Al Kallunki 200 METER BACKSTRUKE Al Guth 65 Cliff Brown 100 METER BREASTSTROKE Winston Kratz Al Guth 65 Ron Drummond Robert Blake 200 METER BREASTSTROKE Al Guth 65 Ron Drummond Robert Blake 200 METER BREASTSTROKE Al Guth 65 Al Guth 65 Al Hallunki 200 METER BREASTSTROKE Al Guth 65 Al Kallunki 200 METER INDIVIDUAL MAL KALLUNKI Al Guth 65 Al Kallunki 100 METER FREESTYLE Fred Bradley Hill Trask L.L. Sorrells 100 METER FREESTYLE Clarence Ross 73 Bill Trask John Whittemore Ted Mumbly Walter Wesbrook 200 METER FREESTYLE Bill Trask Gerhard Mauric Glen Evins 75 Ted Humby 400 METER FREESTYLE Clarence Ross 73 Bill Trask Gerhard Mauric Glen Evins 75 Ted Humby 400 METER FREESTYLE Glen Evins 75	7:57.52 7:59.7 8:31.9 8:31.9 8:35.9 8:35.9 3:01.1 32:05.0 4:05.3 6:00.50 1:47.6 1:57.3 2:45.4 4:04.2 4:16.4 49.9 51.8 EDLEY 4:03.4 36.1 44.3 55.0 1:26.2 2:16.3 2:39.9 4:03.4 36.1 44.3 6:00.7 7:23.1 8:34.9 9:02.4 37:56.7
ALEX Gilbert 40 Art Welch hob Martson Edward Emes 44 Herb Nakama 43 Favel Novotny Bud Schumacher Alfonso Allen Cai Bentz 40 Loring Holmes 44 200 METER INDIVIDUAL Bob Mattson 42 Ron Johnson Bill Clinton 41 Bill Williams Stan McConnell 41 Alex Gilbert 40 Bob Kueny Art Welch Cai Bentz 40 Howard Runyah MEN 45-45 SO METER FREESTYLE Roy Stickney 46 Jerome Rodder Erv Straub Ted Haartz 45 Bob White Carl Yates Jack Nelson 49 S. Mann Jay Moods 46 John Zager 46 Neil Wolf 46 100 METER FREESTYLE Carl Yates Roy Stickney Erv Straub Duane Draves Bob White A. Arcidiacono S. Mann John Jorgensin 48 Jay C. Woods 46 Stewart Evans 200 METER FREESTYLE Carl Yates And Aleva 45	1:19.5 1:19.7 1:23.18 1:28.8 1:28.8 1:28.8 1:30.2 1:31.72 1:50.4 LHEDLEW 2:45.81 2:50.0 2:52.47 2:56.9 2:57.2 3:04.6 3:06.74 3:07.3 3:10.13 3:10.6 5 28.62 29.2 29.86 30.0 30.8 31.6 31.9 32.41 33.21 1:05.2 1:06.23 1:06.96 1:08.2 1:08.45 1:09.0 1:11.9 1:12.8 1:13.28	baniel Lipkin Richard Glick 46 Jack Nelson 49 Henry Lentzsch 48 100 METER BUTTERFLY Don Hubbard Howard Johnson Bob cunningham Richard Glick 46 200 METER INDIVIDUAL: Paul Hutinger 48 Duane Draves Roger Franks 46 Carl Yates Bob Mhite Hark Coughlin 45 Don Stupfel Lou Silverman Joseph Rodgers 45 Fred Farley William Kuehne John H. McAuley 50 Dore Schwab 51 Ted VonBerckefeldt Leo Zukowsky 52 Reed Ringel 50 Fred Taioli George Mussow Lyle Felderman 54 John Cemirys Clark Brill 50 100 HETER FREESTYLE Fred Taioli Jore Schwab Ted VonBerckefeldt Reed Ringel 50 Alex Penny John H. 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Davis Cliff Brown 1500 METER FREESTYLE Al Guth 65 Al Kallunki 200 METER BREASTSTROKE Winston Kratz Al Guth 65 Ron Drummond Robert Blake 200 METER BREASTSTROKE Winston Kratz Al Guth 65 Ron Drummond Robert Blake 200 METER BREASTSTROKE Al Guth 65 Al Kallunki 200 METER BREASTSTROKE Al Guth 65 Al Kallunki 200 METER INDIVIDUAL MAL SALLUNKI Al Guth 65 Al Kallunki Al Guth 65 CENT TO TO TO SO METER TREESTYLE Fred Bradley Bill Trask L.L. Sorrells 100 METER FREESTYLE Clarence Ross 73 Bill Trask John Whittemore Ted Mumby Walter Wesbrook 200 METER FREESTYLE Bill Trask Gerhard Mauric Glen Evins 75 Ted Humby 400 METER FREESTYLE Clarence Ross 73 Bill Trask Gerhard Mauric Glen Evins 75 Ted Humby 400 METER FREESTYLE Clarence Ross 73 Bill Trask Gerhard Mauric 70 1500 METER FREESTYLE	7:57.52 7:59.7 8:31.9 8:31.9 8:35.9 8:35.9 3:01.1 32:05.0 4:05.3 6:00.50 1:47.6 1:57.3 2:45.4 4:04.2 4:16.4 49.9 51.8 EDLEY 4:03.4 36.1 44.3 55.0 1:26.2 2:16.3 2:39.9 4:03.4 36.1 44.3 6:00.7 7:23.1 8:34.9 9:02.4 37:56.7

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1973 NATIONAL AAU MASTERS LONG COURSE SWIMMING CHAMPIONSHIPS University of Illinois at Chi-cago Circle August 10-12 August 10-12 WOMEN 25-29
50 NETER FREESTYLE
Anne Grams, 26
Irene David, 29
Nancy Breen 20 29.89 32.19 Trene David, 29 Nancy Breen, 29 Alice Sigler, 26 Gatherine Cooper 28 Susan Shephard 29 Anita Ranbarger 26 Jane St. Clair 27 Margaret Sorowski 26 Carol Vavricek 27 32.20 33.49 34.74 36.16 38.73 39.36 Carol Vavrinek 27 43.83 48.61 57.18 Penny Corris 25 Jane Cooper 26 Jane Gooper 26
100 METER FRRENTYLE
Inne Gramm 26
Hancy Breen 29
Christie Slimak 25
Irene David 29
Lice Sigler 26
Lisans Thephard 29
Catherine Gooper 28
Handra Myeroon 25
Pat Smith 26
Anita Ranbarger 26
Amita Ranbarger 26 1:06.42 1:12.55 1:14.90 1:16.84 1:17.56 1:18.21 1:18.79 1:21.97 1:24.58 Margaret Dorowski 26 Jane St. Clair 27 Carol Vaurinek 27 :32.06 1:32.17 Jane Gooper 26 200 METER PREESTYLE Inne Grams 26 2:14.49 2:28.90 Susan Shephard 29 Christie Slimak 25 2:52.43 2:54.37 3:00.03 Jane Hardy 29 Irene David 29 3:03,65 3:05.33 3:10,73 3:16.83 unita Ranbarger 25 Eleanor Jordan 28 Jancy Jtunka 26 June Sporte 26 3:19.31 Hathryn Larson 28 400 METER FREESTYLE 3:22.76 5:20.66 Susan Shephard 29 Caristic Slimak 25 6:10.66 6:22.41 Marsha Lutz 25 Marsha Lutz 25
Inita Rantarger 26
Jane Hardy 29
Eathryn Larson 28
1500 METER FREEJTYLE
Jusan Shephard 29
Inita Ranbarger 26
Winifred Krogerud 27
Harsha Lutz 25
Jusan 28 6:41.50 24+40-50 26:22.22 26:34.00 26:53.53 Eluanor Jordan 28 sue Sporte 26 27:42.94 27:48.41 Kathryn Larson 28 Disq. 100 NETRE BICKSTROKE Jane Hardy 29 Alice Sigler 26 1:27.90 1:27.99 1:30.75 1:32.47 1:39.64 sugan schaffer 25 Tancy Stupke 26 Eleanor Jordan 28 1:44.00 Hargaret Jorowski 26 200 METER JACKSTROKE Jusan Schaffer 25 1:48.20 3:15.53 Jane Hardy 29 Suc Sporte 26 3:19.66 ancy stupka 26 Heanor Jordan 28 Winifred Krogerud 27 100 METER SREASISTROKE Sandra Dycreon 25 Christie Alimak 25 3:42.48 3:43.10 1:32.23 1:33.13 1:43.55 1:47.38 Susan Schaffer 25 Fat Smith 26 Jane St. Glair 27 Hargaret Horowski 26 Judith Osbern 26 Handra Foster 26 1:54.76 200 METER BREASTSTROKE Sandra Myerson 25 Christie Slimak 25 3 - 22 21 Jumen Schaffer 25 Jane St. Clair 27 Winifred Krogsrud : 50 METER BUTTERPLY Anne Grams 25 3:46.84 4:17.91 33.27 Anne Grame 26 Trene David 29 Fancy Areen 29 Catherine Cooper 28 Harsha Lutz 25 Judith Geborn 26 Kathryn Larson 28 Garol Vavrinek 27 100 HETER BUTTERFLY 34.70 36.95 37.39 42.95 56.56 1:19.79 100 METER BUTTERFLY Irene David 29 Marcy Green 29 Marcha Lutz 25 1:23.29 1:26.41 200 METER INDIVIDUAL MEDLEY
Nancy Breen 29 3:04.23
Sandra Myerson 25 3:10.24 Susan Schaffer 25 Marsha Lutz 25 3:16.46 Winifred Krogsrud 27 3:48.51 50 METER FREESTYLE 31.53 32.56 36.53 Nancy Ridout 31 Nancy Kirkendall 30

Sherry Welf 33 37.11 Sandy Brown 30 Ruth Roddin 31 Carol O'Hara 32 38.93 39.77 40.32 Carol O'Hara 32
Marie Kalleher 33
Paulette Hinton 30
100 HETER FREETTYLE
Nancy Ridout 31
Nancy Ridout 31
Nancy Richout 34
Nancy Richout 34
Cheric Gothe 30
Carol O'Hara 32
Carol Phudy 30
Ruth Roddin 31
Reth Cabriel 34 40.95 55.09 1:09.96 1:12,30 1:22.40 1:26.74 1:36.43 1:38.53 1:40.57 Beth Gabriel 34 Faulette Hinton 30 1:41.91 1:56.13 200 METER PREESTYLE Kancy Ridout 31 Janet Smith 34 Nancy Kirkendall 30 2+44.83 2:52.34 Sandy Brown 30 Beth Gabriel 34 Mary Fell 31 3:42.32 4:12.45 400 METER PREESTYLE Namey Ridout 31 Jamet Smith 34 5:43.43 Hancy Kirkendall 30 Jean Wisniewski 32 Sandy Brown 30 Marie Knutsson 31 6:11.23 6:40.70 8:04.76 10:34.33 1500 METER FREESTYLE Janet Smith 34 Hancy Kirkendali 30 24:05.57 24:39.35 Jean Wisniewski 32 24:42.56 Sandy Brown 30 Mary Fell 31 32:46.77 100 METER BACKSTROKE Nillie Bergeron 33 Jane Hanson 33 1:29.68 1:42.3 1:48.02 1:48.30 1:58.15 2:05.21 Sandy Brown 30 Marie Kelleher 33 Maric Kelleher 33
Faulette Hinton 30
Carol O'Hara 12
Hary Fell 31
Marie Knutsenn 31
200 METER BACKSTROKE
Millie Bergeron 33
Jane Hanson 33
Maric Kelleher 33
Marie Kelleher 33
Lare Rnutsen 31
Larie Rnutsen 31
Larie Rnutsen 31 2:05.56 2:44.74 3:19.13 3:41.52 4:03.25 4:31.08 5:41.23 100 METER BREASTSTROKE Jean Wisniewski 32 Jane Hanson 33 Natalie Clement 34 Carol Windy 30 Cheric Gothe 30 Beth Gabriel 34 1:44.35 1:47.40 1:47.94 1:49.15 1:49.18 1:51.34 2:01.53 2:15.24 Marie Kelleber 33 Carol O'hara 32 Paulette Hinton 30 2:22,36 Paulette Hinton 30 200 METER BREASTSTROKE Jean Wlantewski 32 Jamet Salth 34 Cheric Bothe 30 Satalic Clement 34 teth Dahrlel 34 Jame Hanson 33 Carol Shudy 30 3:39,18 3:41.11 3:58.76 3:59.80 Carol Rhudy 30 50 METER BUTTERFLY Hancy Ridout 31 4:01.52 35.97 Millie Bergeron 33 Sherry Wolf 33 Natalie Clement 34 37.09 41.99 49.46 Colette Piris 36
Judy Leppert 36
Jean Garbus 39
Dorothy Gates 37
Marbara Boyls 37
Mita Glass 39
200 METER PRESSTYLE
Virginia Stephanos
Jane Thornburg 35
Collette Piris 36 1:22.74 1:23.89 1:24.84 1:43.07 1:58.87 2:51.34 2:58.97 3:17.19 3:23.49 3:39.44 3:51.63 4:06.93 Jean Garbus 39 Glenda Sharp 37 Barbara Boyle 37 Mita Class 39 400 METER FREESTYLE Jane Thornburg 35 Judy Leppert 36 Glenda Sharp 37 Marcay Dickons 39 Mita Glass 39 6:30.69 7:29.46 8:03.79 8:16.93 8:22.72

1500 METER FREESTYLE Virginia Stephanos 35 Betsy Turner Jorday36 Jane Thornburg 35 23:49.85 25:10.51 26:51.27 Margaret Helneman 36 27:20.69 Marcay Dickens 39 100 YARD BACKSTROKE Betsy Jordan 36 Colette Pirio 36 Dorothy Gates 37 33:48.44 1:21.32 1:40.26 Marcay Dickens 39 200 METER BACKSTROKE Betsy Jordan 36 Marcay Dickens 39 2+58.97 4:32.25 DO METER BREASTSTROKE
Anne LeNaire 36
Margaret Beineman 36
Glenda Sharp 37
Jean Garbus 39
Barbara Boyle 37
Borothy Gates 37 1:40.05 1:42.55 1:56.45 1 - 58 68 1:59.13 200 METER BREASTSTROKE Anne LeMaire 36 Margaret Heineman 36 3+32.86 Glenda Sharp 3-Judy Leppert 36 Marcay Diekens-39 WORES 40-44 Glenda Sharp 37 3:56.07 WORES 40-50 METER FREESTYLE Betty Brey 41 Cynthia Bruce 43 32.83 35.68 Elizabeth Middleton 41 36:68 Elizabeth Middleton Ann Wheeler 40 Penny Timmerman 40 Mary Bernat 41 Judith Jody 41 100 METER PREISTYLE Betty 3rey 41 Cynthia Brucc 43 Ann Wheeler 40 Fliaberth Middleton 37.80 39.99 43.63 1:19.37 1:16.26 1:21.93 Elizabeth Middleton Al 1:25.06 Penny Timmerman 40 Lisa Jogatko 43 1:29.91 Judy Chadime 43 1:39,60 Dot Hurray 43 Judith Gody 40 2:15.44 200 METER FREESTYLE Betty Brey 41 Barbara Reeve 43 Ann Weeler 40 3:00.07 3:00.79 Elizabeth Middleton 41 3:22.97 3:25.50 3:38.77 Penny Timmorman Jane Julier 40 Lisa Bogatho 41 Joan Sullivan 40 Dot Murray 41 Judith Cody 41 3:52.24 6:38.80 400 METER PREESTYLE Gail Roper 44 Barbara Reeve 43 Ann Wheeler 40 5:53,42 6:37,40 6:59,79 Penny Timmerman 40 Rita-al Jones 40 Joy Kenny 41 7:02.09 7:25.57 7:28.21 Lisa logatko 43 Joan Sullivan 40 Rexene Ashford 42 Dot Murray 4) 10:02.07 Judith Cody 41
1500 METER PREESTYLE
Gell Roper 44
Inn Wheeler 40
Jane Haber 40
Joan Sullivan 40 13:05.51 23:29.82 27:05.96 27:39.96 27:55.93 31:17.69 33:21.46 35:11.04 41:28.93 dexene Ashford 42 Mary Hernat 41 Dot Morray 43 54:06.61 100 METER BACKSTROKE Barbara Reeve 43 Joy Kenny 41 Jame Huber 40 1:29.19 1:36.40 1:46.98 2:04.73 2:08.86 Judy Chadima 41 Joan Sullivan 40 Mary Bernat Carol Mobinson 43 2:09.01 Patti Butinger 40 Dot furray 43 200 METER HACKITROKE Barbara Reeve 43 2:28.59 2:31.81 3:10.02 Joy Kenny 41 Jane Huber 40 Judy Chadima 43 3:30.58 3:52.68 4:06.01 Joan Sullivan 40 6:24.40 Carol Robinson 43 4:40.98 Patti Hutinger 40 5:03.79 Ardeth Zamaky 42 100 METER BREATFSTROKE Cail Roper 44 Cynthia Bruce 43 7:53.81 1:36.62 1:51.07 1:53.90 1:54.00 1:55.98 2:01.84 Lisa Bogatko 43 Rita-Al Jones 40 Rexene Ashford 42 Mary Bernat 41 Ardith Zamsky 42 3:32,48

200 METER HREASTSTROKE Gail Roper 44 Rita-Al Jones 40 3:30.64 4:04.81 Lisa Sogatko 43 Rexene Ashford 42 4:10.19 50 METER BUTTERFLY Betty Brey 41 Cynthia Bruce 43 Rexene Ashford 42 35.28 45.83 51.48 100 METER BUTTERFLY Betty Brey 41 Cynthia Bruce 43 1:31.15 1:48.23 Cynthia Groce 43
200 METER INDIVIOUAL MEDLEY
Gail Roper 44
3:106,13
Barbara Reeve 43
3:22,55
WOMEN 45-49
50 METER FREESTYLE Anne Adams 45 Patricia Clinton 45 Mary Ann Meckins 47 34.83 35.30 Hobbi Turcotte 46 Joyce Krybier 45 Roberta Smith 49 Johanna Goehring 46 38.46 42.92 45.92 Joanita Reed 46 Gladys Olsen 47 Oladys Olsen 47
Assa Brynestad 45
Rose A. Conrad 46
100 METER FREESTYLE
Farricia Clinton 45
Mary Ann Meekins 47
Bobbi Turcotte 46
Joyce Krygier 45
Roberta Smith 49
Johanna Goehring 46
Joanita Reed 46
Kose A. Conrad 46 59.54 1:04.29 1:20.38 1:21.69 1:24.75 1:38.62 1:51.02 1:55.80 2:05.92 2:38.90 Mose A. Conrad 46 Gladys Olsen 47 Gladys Olsen 4/
Aase Brynestad 45
200 MRTER FREESTYLE
Mary Ann Meekins 47
Patricia Clinton 45
Joyce Erygier 45
Joanita Reed 46
Roberta Smith 49 3:00.04 3:07.67 3:56.92 4:18.92 4:21.87 Aase Brynestad 45 Ellen Schappel 46 5:08.19 400 METER FREESTYLK Hary Ann Meekins 47 Jone Krauser 47 6:10.10 June Krauser 47
1500 METER FREESTYLE
Mary Ann Meekins 47
June Brauser 47
100 METER BACKSTROKE
Bobbi Turcotte 46
Patricia Clinton 45
Joyce Krggier 45
Roberta Smith 49 24:03.32 1:32.93 1:34.25 Gladys Olsen 47 Elleen Schappel 46 Rose Conrad 46 200 METER BACKSTROKE 2:24.99 2:36.67 Patricia Clinton 45 Nobbi Turcotte 46 Joyce Krygier 45 Roberta Smith 49 3:26.91 3:38.50 4:16.11 4:25.19 100 METER BREASTSTROKE Anne Adams 45 Ursula Akkerman 45 1:41.47 1:43.57 1:51.83 Joanita Reed 46
Jase Brynestad 45
Gladys Olsen 47
Elleen Schappel 46
200 METER BREASTSTROKE
Anne Adams 45
Joanita Reed 46
Joanita Reed 46
Joanita Reed 46 Joanita Reed 46 2:06.00 2:18.90 3:45.81 4:10.95 Joanita Keed 46
Aase Brynestad 45
Gladys Olsen 47
Elleen Schappel 46
50 METER BUTTERFLY
Inne Adams 45
June Krauser 47
June France 66 4:36.17 5:10,63 38.93 42.43 46.49 Hobbi Turcotte 4 100 METER BUTTERFLY
June Rrauser 47 1:33.92
200 METER INDIVIDUAL MEDLEY
Anne Adams 45 3:20.04 1:33.92 Anne Adams 45
June Krauser 47
WOMEN 50-54
50 METER PRESTYLE
Jane McCollister 54
Charlotte Pickons 52
Geri Grosco 50
Mary Worley 50
Lacountry Shaw 56 3.25.63 39,78 40.47 43.50 56.65 56.94 Jacquetta Shaw 54 100 METER FREESTYLE Jane McCollister 54 Geri Orosco 50 1:31.12 Geri Orosco 50
Ana-Mary Hottinger 51
Hary Worley 50
200 NATER PREESTYLE
Roberta Lawrence 53
Jeannette Eppley 53
Jean McCollister 54
Charlotte Pickena 52
Ana-Mary Hottinger 51
Hancy Lawrence 50
Mary Worley 50
400 METER PREESTYLE
Jane McCollister 54
Jeannette Eppley 53 1:49.26 2:50.82 3:17.97 3:18.57 3:25.13 3:30.01 3:52.88 4:39,10 5:04.43 7:06.81 Jeannette Eppley 53 Charlotte Pickens 52 Helen Hummer 54 Ana-Mary Hottinger 51 7:09.33 7:21.94 7:41.45 7:58.67 Lillian Kyte 51 1500 METER PREESTYLE Jeannette Eppley 53 Roberta Lawrence 53 27:37.32 28:22.23 Jane McCollister 54 Helen Hummer 54 28:33.77 29:47.58

Charlotte Pickens 52 30:18.12 Betty Nelson 54 Geri Orsoco 50 32:14.46 Lillian Kyte 51 43:44.00 Mancy Lawrence 50 100 METER BACKSTROKE Zada Taft 54 Disq. Zada Taft 54
Helen Hummer 54
Betty Nelson 54
Margery Oldfield 50
Namcy Lawrence 50
200 METER BACKSTROKE
Zada Taft 54
Helen Hummer 54
Betty Nelson 54 1:47.78 2:01.84 2:15.95 3:56.66 4:10.47 4:24.37 Betty Nelson 54 Nancy Lawrence 50 Margery Oldfield 50 4:35.68 4:49.21 100 METER BREASTSTROKE Minna Hamner 50 Geri Orosco 50 1 + 52 - 62 Elsa De Saqasti 51 Lillian Kyte 51 Hargery Oldfield 50 2:01.10 2:05.14 200 METER BREASTSTROKE 4:06,40 Minna Hamser 50 Geri Orosco 50 Lillian Kyte 51 4:18.64 Elsa de Sagasti 51 4:25.49 Margery Oldfield 50 50 METER BUTTERFLY Helen Hummer 54 Zada Taft 54 5:09.75 50.28 53.28 Roberta Lawrence 53 Ana-Mary Hottinger 51 Charlotte Pickens 52 54.74 1:08.59 Lillian Kyte 51 Kancy Lawrence 50 100 NETER BUTTERFLY Zada Taft 54 1:17.04 2:03.39 Jeannette Eppley 53 Roberta Lawrence 53 2:11.81 200 METER INDIVIDUAL MEDLEY
Roberta Lawrence 53 4:01.36
Jeannette Eppley 53 4:01.50
Zada Taft 54 4:10.43 Zada Taft 54

WOMEN 55-59
50 METER FRESTYLE
Joan Osborne 57
laccy Clark 59
7fola Thompson 55 39.97 40.97 44.54 48.35 Louise Jones 36 Harbara Lyon 55 Patricia Matthieson 57 53.72 Janet Meservey 58 100 METEZ FREESTYLE Joan Osborne 57 Rancy Clark 59 1:33.79 Annetta Pfelffer 55 Louise Joner 56 Barbara Lyon 55 1:53.09 1:57.26 Darbara Lyon 55 2:17.64
Lorraine Peterson 55 2:12.45
Patricia Matthelson 57 2:12.88
200 METER FRESTYLE
Joan Osborne 57 3:34.31
Mancy Clark 59 3:46.81 Hargaret George 56 Annetta Pfeiffer 55 3:56.24 4:06.65 Louise Jones 56 Barbara Lyon 55 400 MRTER FREESTYLE 7tola Thompson 55 Hargaret eorge 56 4:39.22 5:30,04 7:56.64 Margaret eorge 56 Annetta Pfeiffer 55 Janet Meservey 58 1500 METER FREESTYLE Viola Thompson 55 Margaret George 56 Lorraine Peterson 56 8:21.74 10:29.78 31:02.83 38:12.41 100 METER BACKSTROKE Margaret George 56 Annetta Pfeiffer 55 1:55.22 Mancy Clark 59 2:14.78 Harbara Lyon 55 200 METER BACKSTROKE Margaret George 56 Annetta Pfeiffer 55 2:37.11 4:15.57 4:24.72 Janet Meservey 58 5:23.43
100 METER BREASTSTROKE
Mildred Anderson 59 2:03.96
Patricia Matthleson 57 2:12.85 Janet Meservey 58 Nancy Clark 59 2:20.59 Lorraine Peterson 55 2:32.28 4:51.50 40:05.20 50 METER FREESTYLE 50 METER PRESSTYLE
Edna Perroe 69
200 MSTER PREESTYLE
Edna Ferroe 69
1500 MSTER PREESTYLE
Edna Ferroe 69
100 MSTER BACKSTROKE
Edna Perroe 69
100 MSTER BRAGSTROKE
Edna Perroe 69
100 MSTER BREASTSTROKE
Edna Perroe 69
100 MSTER BREASTSTROKE
Edna Perroe 69
100 MSTER BREASTSTROKE
Edna Perroe 69
100 MSTER FREESTYLE
Frances Watkins 74
100 MSTER FREESTYLE
Frances Watkins 74 5+21-25 42:47.99 3:14.91 3:00.19 2:26.18 10:37.15

1500 METER FREESTYLE		Richard Krogsrud 26	1:13.08	James Loofboutrow 33	27.64	Don Glass 34 1:28	.59 Phillip Hellmuth 35 5:38.65
Frances Watkins 74	41:33.51	John Webb 28	1:14.37	John Cracium 30	28.01	Robert Reimers 30 1:32	
200 METER FREESTYLE Frances Watkins 74	5:13.31	Michael Paesler 27	1:15.61	Robert Tesch 32	28.22	Kenneth Bechtol 30 1:33	
100 METER BACKSTROKE	2.12.31	Robert Larson 27 Bob Gibson 25	1:16.43	Cleve Carney 34 Trent Toensing 34	28.27	200 METER BREASTSTROKE	Wayland Barber 38 6:32.26
Frances Watkins 74	3:05.46	Jeffry Knuckles 26	1:19.21	Thomas Lisco 34	28.43	Steve Rabinovitch 30 2:50 Patrick Barry 30 3:01	
		George Perry 26	1:22.79	Howard Roberts 34	28,44	Nils Vikander 31 3:01	
*****	*****	Ross Lambert 29	1:26.11	Albert Rhudy 31	28.57	John Miller 30 3:02	
MEN 25-29		Richard Sporte 27	1:31.46	Robert Follit 30 N. James Myerberg 31	28.89 28.94	George Runciman 31 3:04	
50 METER FREESTYLE		Mark Ansbro 29 200 METER BACKSTROKE	1:43.43	Dick Olsen 31	29.06	Joe Biondi 30 3:08	
James Edwards 26	25.68	Paul Hebert 27	2:28.84	Charles Lindsay 34	29.72	Howard Roberts 34 3:08 John Goetz 30 3:09	
Kenneth Krueger 27	26.25	Elam Hitchner 26	2:31.36	Joseph Stocker 33	29.52	Don Glass 34 3:12.	
Robert Shaw 25 David Schmidt 27	26.37 26.45	Raymond Zeason 27	2:33.38	Robert Reimers 30	30.89	Joseph Stocker 33 3:14.	
Gregory Gush 25	26.57	Larry Chase 25	2:36.75	Mark Todd 30 Randy Wortman 32	31.23 41.96	Kenneth Bechtol 30 2:23.	
John Van Cura 25	26.98	Charles Dugan 27 Michael Paesler 25	2:36.78	100 METER FREESTYLE	41.70	Robert Reimers 30 3:27.	
Allan Wachtel 26	27.16	Craig Jorgensen 25	2:39.85	Timothy Garton 30	57.02	50 METER BUTTERFLY Keefe Lodwig 30 28.	Ray Martin 36 1:14.50 .73 Larry Good 39 1:18.99
James Steen 25	27.20	Robert Burns 25	2:40.43	Jack Goeghegan 31	58.02	Richard Girdler 30 28.	
David Myerberg 26	27.38	Robert Van Fossan 26	2:44.40	Keefe Lodwig 30	58.07	Timothy Garton 30 29.	
David Havill 27 John Scheda 27	27.55 27.60	Bob Gibson 25	2:45.49	Richard Girdler 30	58.42	Chuck Ogilby 30 29,	
John Sholl 26	27.64	John Webb 28 100 METER BREASTSTROK	2:59.34	John Bergman 31 James Spreitzer 31	1:00.39	John Bergman 31 29.	
Daniel Whiteley 28	27.95	Robert Husson 28	1:17.27	James Loofbourrow 33	1:01.88	Robert Tesch 32 29. Dennis Weldon 33 29.	
Craig Jorgensen 25	28.06	Richard Krogsrud 26	1:19.27	Robert Tesch 32	1:02.15	Richard Oldham 33 30.	
Michael Hamilton 29	28.08	Robert Corris 28	1:19,41	Allan Cartwright 31	1:03.03	Allan Cartwright 31 30.	
John Flanagan 27 Richard Reynolds 26	28.10 28.93	Michael Cohen 27	1:19.49	Michael Laux 31 Richard Oldham33	1:03.35	Michael Laux 31 30.	
Charles Ahearn 26	29.11	John Weinbrecht 25 Larry Chase 25	1:19,83	Cleve Carney 34	1:03.82	Lewis Brumm 31 31.	
Michael Pearl 25	29.19	Wayne Thomas 26	1:20.45	David Flores 30	1:04.33	Cleve Carney 34 31. Philip Goode 30 31.	
Kenneth McBeath 27	29.26	Terry Palmer 28	1:21.19	Howard Roberts 34	1:04.50	Barry Shay 33 32.	
Bob Gibson 25 Jeffry Knuckles 26	29.34	Phillip Whitten 29	1:22.55	Michael Wilkie 32	1:05.67	David Flores 32.	
William Watt 25	35.47	Gerry DeLong 29	1:22.90	Albert Rhudy 31	1:05.70	Robert Follit 30 33.	
Albert Klinski 28	40.00	Ronald Jones 26 Kenneth McBeath 27	1:22.99	N. James Myerberg 31 Robert Follit 30	1:06.65	Robert Reimers 30 33.	
100 METER FREESTYLE		Gary Hill 28	1:27.33	Daniel Mabee 33	1:09.51	Albert Rhudy 31 33. Randy Wortman 32 1:03.	
James Edwards 26	56.35	Michael Pearl 25	1:27.38	Charles Lindsay 34	1:10.65	100 METER BUTTERFLY	Bill English 35 1:31.45
Joseph Sanders 26 Robert Shaw 25	56.55 58.37	David Prevninger 26	1:27.49	Barry Shay 33	1:12.40	Jack Geoghegan 31 1:04.	
Curtis Cramer 25	58.80	Miles Chedekel 25	1:28.50	Mark Todd 30	1:13.83	John Beggman 31 1:06.	
Kenneth Krueger 27	58.83	Richard Montgomery 29	1:30.32	Randy Fortman 32 200 METER FREESTYLE	1:59,59	Philip oode 30 1:08.	
David Meyerberg 26	59.73	Thomas Battle 26 Mark Ansrro 29	1:34.60	Jack Geoghegan 31	1:10.00	Michael Laux 31 1:08. Hugh Roddin 31 1:08.	
James Steen 25	1:00.31	200 METER BREASTSTROK		Timothy Garton 30	2:10.66	Robert Tesch 32 1:08.	
John Stroup 26 John Scheda 27	1:00.56	Elam Hitchner 26	2:48.57	John Bergman 31	2:13.55	Dennis Brittain 33 1:09.	.96 James Kirts 38 1:43.42
William Babcock 25	1:02.21	Robert Husson 28	2:52.21	Dennis Brittain 33	2:14.30	Lewis Brumm 31 1:11.	
Daniel Whiteley 28	1:03.22	Michael Cohen 27	2:52.25	Keefe Lodwig 30 James Loofbourrow 33	2:15.99	William Clark 34 1:21.	
John Webb 28	1:03.25	Robert Corris 28 Jay Platt 26	2:56.40	Michael Laux 31	2:22.08	200 METER INDIVIDUAL MEDLEY Chuck Ogilby 30 2:33,	Albert Perez 39 1:49.21 67 200 METER BREASTSTROKE
John Van Cura 25	1:03.33	John Weinbrecht 25	3:00.82	David Flores 30	2:24.23	Dennis Brittain 33 2:33.	
William Swano 27 Ceorge Perry 26	1:03.66	Terry Palmer 28	3:02.42	Robert Tesch 32	2:24.29	Hugh Roddin 31 2:34.	13 Bob Patten 39 3:03.61
Robert Clauson 25	1:04.48	Phillip Whitten 29	3:02.86	N. James Myerberg 31	2:28.77 2:31.03	Jack Geoghegan 31 2:35.	
Howard Mainer 29	1:06.30	Wayne Thomas 26 William King 28	3:05.24	Albert Rhudy 31 James Harris 30	2:33.49	Allan Cartwright 31 2:39.	
Charles Ahearn 26	1:07.53	Miles Chedekel 25	3:09.76	Dennis Matuch 31	2:36.76	Clark Bergman 33 2:44. Nils Vikander 31 2:48.	
Lawrence Glass 26	1:08.33	50 METER BUTTERFLY		Richard Oldham 33	2:37.48	David Gifford 32 2:48.	하이지 :
Richard Sporte 27 Bob Gibson 25	1:08.53	James Edwards 26	28.22	Dick Olsen 31	2:38.22	Joe Biondi 30 2:52.	69 Dale Petranecki 38 3:40.24
Steven Stevens 29	1:09.69	John Lindley 27	28.48	William Coar 33 Robert Follit 30	2:40.58	Howard Roberts 34 2:52.	
Richard Reynolds 26	1:10.62	Curtis Cramer 25 Kenneth Krueger 27	28.69 28.84	Barry Shay 33	2:52.56	Don Class 34 2:54.	
Albert Klinski 28	1:43.36	Gregory Gush 25	28.87	Mark Todd 30	2:58,68	Robert Reimers 30 3:02. John Miller 30 3:09.	
200 METER FREESTYLE	2:06.35	John Flanagan 27	29.02	Thomas Sigley 34	Disq.	William Clark 34 3:18.	
Joseph Sanders 26 Jay Platt 26	2:11.16	Darrell Green 29	29.33	400 METER FREESTYLE	C.C. 90	Kenneth Bechtol 30 3:32.	63 Wally Dobler 39 30.06
John Lindley 27	2:11.37	Gerry DeLong 29	29.41	Dennis Brittain 33 Jack Geoghegan 31	4:41.89 4:46.56	John Bergman 31 2:31.	
John R. Stroup 26	2:12.82	James Steen 25 David Schmidt 27	29,42 30,00	Richard Girdler 30	5:02.43	MEN 35-39	Hendrik Gideonse 39 30.62 Gaither Rosser 39 31.66
William Babcock 25	2:13.03	Michael damilton 29	30.01	Divid Flores 20	5:03.91	50 METER FREESTYLE Hendrik Gideonse 39 27.	
William Cerny 25 James Steen 25	2:18.60	Robert Van Fossan 25	30.05	James Loofbourrow 33	5:05.12	Gaither Rosser 39 27.	
Michael Hamilton 29	2:21.68	William Swano 27	30.19	Philip Goode 30	5:10.87	Wally Dobler 39 28.	03 William Lauer 38 33.57
Robert Clauson 25	2:23.73	John Stroup 26 Robert Larson 27	30.28	Nichael Laux 31	5:19.28	Hendrik D. Cideonse 36 28.	
Michael Paesler 27	2:28.91	George Perry 26	30.62	N. James Myerberg 31	5:30.54	Jeffrey Zwicker 36 28.	
Michael Ross 25	2:29.70	David Havill 27	30.86	James Harris 30	5:34.08	HILL Roberson 37 29. James Barden 37 29.	[TTT]
Charles Ahearn 26 Howard Mainer 29	2:32.63	Craig Jorgensen 25	31.16	William Coar 33	5:49.09	William Lauer 38 39.	83 100 METER BUTTERFLY
Richard Sporte 27	2:43.45	William King 28	31.55	0111 Clark 34 1500 METER FREESTYLE	6:45.43	Richard Rahe 37 30.	
Jonathan Handler 25	2:55.84	Daniel Whitely 28 Steven Stevens 29	32.05 32.31	Dennis Orittain 33	19:33.18	Charles Teas 35 30. Wayland Barber 38 30.	
William White 27	3:03.92	Fred Hoener 25	32.97	David Flores 30	21:00.52	Wayland Barber 38 30. Richard Cheadle 35 31.	
Albert Klinski 28	4:06.35	Jeffry Knuckles 26	33.02	Philip Goode 30	21:08.45	Howard Amey 37 31.	05 James Barden 37 1:24.07
400 METER FREESTYLE William Babcock 25	4:35.74	Nob Gibson 25	33.19	Clark Bergman 33 David Gifford 32	21:12.67	Jay Lehr 36 31.	17 James Stevens 39 1:31,32
Jay Platt 26	4:38.35	Miles Chedekel 25 Richard Sporte 27	35.29 33.57	Dennis Matuch 31	21:54.70	Phillip Hellmuth 35 31.	
Elam Hitchner 26	4:38.59	Michael Fearl 25	34.19	James Harris 30	22:28,51	Fred Bresnahan 38 31. James Kirts 38 31.	[2017]
William Cerny 25 John Lindley 27	4:46.32	Charles Ahearn 26	34.37	William Coar 33	23:37.72	Michard Bresnahan 37 32.	85 200 METER INDIVIDUAL MEDLEY
John Stroup 26	4:52.27	Michael Ross 25	35.53	Joe Biondi 30 100 METER BACKSTROKE	24:03.05	Robert Snedeker 39 34.	71 David McIntyre 39 2:34,92
William Swano 27	5:08.00	John Lindley 27	1:01.26	Chuck Ogilby 30	1:09.52	Albert Perez 39 34.	
Michael Paesler 27	5:09.69	Paul Hebert	1:03.49	Jon Heimann 31	1:11.15	John Spannuth 39 35. 100 METER FREESTYLE	John Medici 35 2:51.28
Michael Ross 25 Fred Hoener 25	5:13.34 5:15.10	John Flanagan 27	1:04.03	Pete Maxwell 30	1:13.78	Jon Hendricks 38 1:00.	55 William Lauer 38 3:02.69
Robert Clauson 25	5:20.40	James Edwards 26	1:05.06	Clark Bergman 33	1:12.84	David McIntyre 39 1:00.	75 Robert Kamm 35 3:08.62
1500 METER FREESTYLE		Gerry DeLong 29 Kenneth Krueger 27	1:05.17	Allan Cartwright 31 Hugh Roddin 31	1:13.05	Gaither Rosser 39 1:01.	43 James Barden 37 3:10.28
William Babcock 25	18:28.33	John Stroup 26	1:06.43	James Loofbourrow 33	1:14.83	Jeffrey Zwicker 36 1:01.	
Joseph Sanders 26	18:45.86	Larry Chase 25	1:08.03	Peter Betzer 31	1:15.69	Hendrik Gideonse 39 1:03. Bill Robertson 37 1:05.	
Elam Hitchner 26 William Cerny 25	18:58.21 19:02.50	David Myerberg 26	1:10.08	Lils Vikander 31	1:19.49	lendrik D.Gideonse 36 1:06.	
John Lindley 27	20:00.19	George Perry 26	1:10.79	David Gifford 32	1:23.80	Richard Cheadle 35 1:10.	
Jay Flatt 26	20:22.39	Ronald Jones 26	1:11.48	Thomas digley 34 200 METER BACKSTROKE	1:37.34	James Barden 37 1:10.	
Paul Hebert 27	20:27.45	Craig Jorgensen 26 Fred Hoener 25	1:13.37	Chuck Ogilby 30	2:33.68	Nayland Barber 38 1:11.	CO TOWNS
Michael Paesler 27 Robert Larson 27	20:30.64	Miles Chedekel 25	1:19.22	Jon Heimann 31	2:38.20	Richard Dever 38 1:13.	19 Jerry Zwirn 40 29.30
Fred Hoener 25	20:32.58	200 METER INDIVIDUAL	MEDLEY	Clark Hergman 33	2:40.35	Jay Herbert Lehr 36 1:13.	72 Raoul Garcia 43 30.05
Michael Ross 25	21:00.00	Elam Hitchner 26	2:27.30	Nils Vikander 31 Peter Betzer 31	2:48.43	James Kirts 38 1:14.5	
Michael Hamilton 29	21:15.45	Paul Hebert 27 Jay Platt 26	2:31.31 2:32.58	Philip Goode 30	2:50.83	Phillip Hellmuth 35 1:15.0 Albert Perez 39 1:31.6	
Larry Chase 25 George Perry 26	21:18.28 21:31.37	Raymond Zeason 27	2:33.06	David Gifford 32	2:58.04	200 METER FREESTYLE	Ed Scholonka 41 30.59
Bob Clauson 25	22:37.70	John Flanagan 27	2:35.28	Dennis Matuch 31	3:02.40	Jeffrey Zwicker 36 2:21.	72 Jack Springer 43 31.73
Larry Kramer 29	22:39.44	William Babcock 25	2:35.64	Joe Biondi 30 William Coar 33	3:06.20	Gaither Rosser 39 2:25.8	
Howard Wainer 29	24:09.91	Richard Krogsrud 26	2:36.00	Thomas Bigley 34	3:58.08	Bill Robertson 37 2:31.5 Hendrik Gideonse 39 2:32.1	
Jonathan Handler 25	24:15.67	Gerry DeLong 29 Fred Hoener 25	2:39.88	100 HETER BREASTSTROK	E	Hendrik Gideonse 39 2:32.1 Hendrik D.Gideonse 36 2:34.	
John Webb 28 Albert Klinski 28	24:29.78 37:18.53	Robert Larson 27	2:45.32	Steve Rabinovitch 30	1:15.74	Larry Good 39 2:38.1	1:05.93 Raoul Garcia 43
100 METER BACKSTROKE		Miles Chedekel 25	2:56.07	Hugh Roddin 31 Patrick Barry 30	1:21.34	Howard Amey 37 2:46.2	23 Jerry Zwirn 40 1:06.73
Paul Hebert 27	1:07.86	Steven Stevens 29 MEN 30-34	3:11.59	Joseph Stocker 33	1:23.30	Phillip Hellmuth 35 2:54.2 400 METER FREESTYLE	F.Wallie Jeffries 42 1:06.84 Edward Emes 44 1:08.04
Gregory Gush 25 Charles Dugan 27	1:08.54	50 METER PREESTYLE		George Runciman 31	1:23.78	Jeffrey Zwicker 36 5:08.6	9 Ed Schelonka 41 1:10.26
with a to build a service of the ser	1:08.88	Timothy Garton 30	26.23	John Goetz 30	1:23.87	Ray Martin 36 5:11.0	06 Jack Springer 43 1:10.44
Raymond Zeason 27	4:07:13						7 Alfonso Allen 43 1:11.56
Raymond Zeason 27 Craig Jorgensen 25	1:10.58	Keefe Lodwig 30	26.69	Nils Vikander 31 Howard Roberts 34		John Medici 35 5:33.1	
Raymond Zeason 27 Craig Jorgensen 25 Larry Chase 25	1:10.58	Keefe Lodwig 30 Richard Girdler 33	26.72	Howard Roberts 34 Joe Biondi 30	1:24.29	Hendrik D.Gideonse 36 5:44.2	7 Al Zamsky 43 1:14.88
Raymond Zeason 27 Craig Jorgensen 25	1:10.58	Keefe Lodwig 30		Howard Roberts 34	1:24,29		7 Al Zamsky 43 1:14.88 3 Keith Crompton 41 1:17.33

200 HETER FREESTYLE		Ery Straub 49	1:07.95	200 METER INDIVIDUAL	MUDIEV	Don Greetham 51	41.31	Sidney Weinberg 50 1:22.	Sec.
Jurwell Jones 40	2:14.93	Charles Stephanos 45	1:08.32	Paul Hutinger 48	2:50.67	Albert Hirsch 53	41.98	Gordon Gorson 62 1:24.2	
F.Wallie Jeffries 42		James Courter 47	1:09.24	Roger Franks 46	2:59,79	Roy Lagaly 51	43.65	David NcAfee 63 1:24.9	
Wayne Leengran 42 Raoul Garcia 43	2:31.08	Robert Maurer 47	1:12.95	Mark Coughlin 45	3:24.11	Edward Reed 53	47,00	200 METER PREESTYLE	
Alex Gilbert 40	2:39.11	Robert Harris 46	1:13.00	Lou Silverstein 47	3:26.57	100 METER SUTTERFLY	20.000.000	Lloyd Osborne 64 2:52.	
Edward Emes 44	2:52.27	William Simpson 49 William Marshall 47	1:14.54	Joseph Rodgers 45 Jim Forbes 47	3:29.18	Ray Frank Taft 54 John Sorman 51	1:27.07	William Loughhorough 3:10.7	
Ken Dawson 42	3:05.34	John Scotese 46	1:19.81	Bob Wendt 46	3:53.24	Roy Lagaly 51	1:46.50	David Nc./fee 63 3:28.	
400 METER FREESTYLE	2025	William Barish 46	1:21.46	Jatson Lawrence 46	4:12.22	Don Greetham 51	1:51.66	Herbert Laney 60 3:46.8	
Jurwell Jones 40	4:45.86	Robert Bloebaum 47	1:22.83	Robert Blochaum 47	4:33.83	Max Hasbrouck 52	2:14.91	Les Finnegan 60 3:53.1	1.0
Wayne Leengran 42 Arthur Welch 40	5:23.27 5:48.03	200 METER FREE TYLE	2 20 15	Ladislaus Ruzsa 49	5:46.27	200 METER INDIVIDUAL		400 METER FREESTYLE	
Robert Kueny 42	5:58.88	Charles Stephanos 45 Roger Franks 46	2:30.15	MEN 50-56		James Counsilman 52	3:00.13	Lloyd Osborne 64 6:12.	
Jerry Swirn 40	5:59.30	Perry Rockwell 48	2:39.77	50 METER FREESTYLE	20 7.2	Ray Taft 54 Ray Hakomaki 52	3:11.68	Reg Richardson 61 6:30.0 David McAfee 63 7:34.1	
8.7. Schumacher 43	6:14.95	Arthur Koblish 49	2:40.59	Ray Hakomaki 52 William Baugher 52	29.43	John Sorman 51	3:15.73	Les Finnegan 60 8:15.7	
1500 METER PREESTYLE	10.11.01	Robert Harris 46	2:44.34	Whitney Pearson 52	31.39	Roy Lagaly 51	3:33.72	Herbert Laney 60 8:43.7	7.4
Wayne Leengran 42	19:11.96	Robert Maurer 47	2:44.87	George Wussow 50	31.41	Don Greetham 51	3:40.44	Louis Hagy 61 Disq.	
Arthur Welch 40	23:37.10	Frank Hair 47 James Courter 47	2:45.71	Thomas Cloves 51	31.77	MEN 55-59		Lloyd Osborne 64 25:37.3	44
₹.V. Schumacher 43	24:49.49	lai Onusseit 49	2:50.63	Morris Eppley 51 Edward Reed 53	32.06	50 METER FREESTYLE Jim Welch 55	30.74	Lloyd Osborne 64 25:37.3 Louis Magy 61 26:37.6	
M. camsky 43	24:49.56	Lou Silverstein 47	2:57.42	Robert Acker 52	32.17	Frank Hawlicek 55	31,48	David McAfee 63 29:53.7	
delwin Becker 44	32:43.65	Douglas Strong 48	3:03.10	Fred Taioli 51	32.26	Lynn Surles 56	31,88	Robert Coyle 60 32:12,6	
100 NETER BACKSTROKE Jurwell Jones 40	1:10.67	William Barish 46	3:03.80	Arnold Heinschn 52	32.51	Hill Grant 59	32.06	Les Finnegan (0 33:17.5	3
Bill Clinton 41	1:14.13	Watson Lawrence 45 400 NETER PREESTYLE	3:28.75	Jurgen Schmidt 50	32.67	John McKenzie 56 Ashby Harper 56	33.25	Frank Heier 61 1:38.7	22
Kenneth Rooney 41	1:26.39	Charles Stephanes 45	5:28.88	George Henry 50 Robert Hennett 51	32.79 32.96	Matt Sielski 59	34.09	ites Richardson 61 1:44.6	
Kenneth Kimball 42	1:26.82	Roger Franks 46	5:34.35	Robert Schein 54	33.43	Charles Roy 59	36.95	Hore Monson 63 1:50.6	
Elmer Korbai 43	1:31,16	Paul Hutinger 48	5:39.31	William Johnston 53	37,49	Merle Lawrence 57	42.79	Ambert Coyle 60 2:32.5	11.
Ken Dawson 42	1:35.78	Frank Blair 47	5:45.39	Luis Valle 50	47.94	Frank Clark 57	42.82	200 METER BREAST STROKE	
Selwyn Becker 44 Nil Vendl 41	1:47.65	Arthur Koblish 49	5:50.23	100 METER FREESTYLE	1.00.10	Robert Schmidt 55 100 METER FREESTYLE	1:00.80	Frank Meler 61 3:47.0 ore Monson 53 4:01.1	
John Johnson 40	2:04.98	James Courter 47	5:57.11 5:58.55	Ray Hakomaki, 52	1:09.48	Jim Welch 55	1:07.39	Wm. Loughborough n2 4:04.2	
200 METER BACKSTROKE		Hal Onusseit 49	5:59.46	Jurgen Schmidt 50 Fred Taioli 52	1:10.02	Frank Havlicck 55	1:11.93	Robert Coyle 60 5:44.6	
vill clinton 41	2:52.76	Robert Maurer 47	6108.98	John Crelos 53	1:11.55	Bill Grant 59	1:14.67	100 METER BACKSTROKE	
Kenneth Kimball 42	3:12,38	Ted Haartz 45	5:21.53	William Haugher 52	1:11.79	Lynn Surles 56	1:14.86	Lawrence Smith 61 1:25.0	
Kenneth Rooney 41 Elmer Norbai 43	3:18.92 3:26.27	Lou Silverstein 47	0:23.22	George Henry 50	1:13.61	Donald Rankin 57 Ashby Harper 56	1:15.98	Gordon Corson 62 1:37.7 Robert Coyle 60 1:44.2	
Nen Dawson 42	3:32.59	Dick Mestrov 46 Joseph Rodgers 45	6:29.78	Robert Ackel 52 Whitney Pearson 52	1:14.39	John McKenzie 55	1:17.38	Sidney Weinberg 50 1:45.0	
411 Vend1 41	4:17.66	Douglas STrong 45	6:32.94	Edward Reed 53	1:16.27	Matt Sielski 59	1:17.69	Les Finnegan 60 1:53,80	
100 DETER BREASTSTROK	CE	Wateon Lawrence 45	7:05.41	Robert Sennett 51	1:25.55	Charles Roy 59	1:29.83	200 METER BACK STROKE	
Robert Kueny 42	1:22.97	1500 METER PREESTYLE		William Johnston 33	1:28.24	Heric Lawrence 57	1:47.03	Lawrence Smith (1 3:24.9	
Jurken Nebelung 44 Nex Gilbert 40	1:29,10	Charles Stephanos 45	21:29.25	Robert McDermott 50	1:32.38	Frank Clark 57 200 METER FREESTYLE	1:49.34	Gordon Corson 62 3:64.7 Robert Goyle 50 3:54.7	
John Bauman 43	1:31.30	Frank Slair 47 Srthur Koblish 48	22:39.02	(al schnert 53 Lois Vale 50	1:42.05	Jim Welch 55	2:34.28	and Stewart 63 6:01.2	
Roland Vanoverbeke 44		lames Courter 47	23:58.26	200 METER FREESTYLE	2101120	Donald Rankin 57	2:53.94	Les Finnegan 50 4:04.5	
A.v. schumacher 43	1:34.45	lal Cousselt 49	24:20.78	John Crews 51	2:37.53	Ashby Harper 56	2:56.73	50 METER DUTTERFLY	
John Gallaher 44	1:36.35	Robert Karrk 46	24:46.60	Fred Tatal1 52	2:37.71	Hamilton Anderson 59	3:12.97	Mel Maxwell 61 39.1	
A) Stoin 44 Fred Laurie 42	1:36.81	Dick Mestrov 46	25:30.81	James Edwards 50	2:41.84	Charles Roy 59 400 METER FREESTYLE	3:45.69	Wm. Loughborough 52 51.0	
Jen Rug 43	1:39.52	Lou silverstein 47	25:31.28	William Jangher 52	2:52.74	lim Welch 55	5:31.31	Wm. Loughborough 5Z 51.0	
John Johnson 40	1:44.30	Joseph Rodgers 45	26:08.03	William langher 52 Jurgen Schmidt 50	2:52.74	Donald Rankin 57	6:11.97	Wm. Loughborough 62 2:09.72	2
At Jamsley 43	1:49.35	William Narshall 47	26:38.28	Johert Joker 52	2:57.02	(elson Otis 57	6:17.20	200 METER ICDIVIDUAL MEDLEY	0
Daniel Gerbst 44	1:55.62	William Simpson 49	27:27.04	George Jenry 50	3:00.86	Ashby Harper 56	6:18.01	teg Richardson (1 3:41.1	2
200 HETER BREASTSTRON	2:04.06	Daniel Sullivan 46	27:45.40	Edward Reed 53	3:04.71	Lynn Surles 56 Natt Sielski 59	6:45.44	Wm. Loughborough 62 3:52.5)	Ji.
Robert Kueny 42	3:02.14	Watson Lawrence 45	29:34.04	Robert Rennett 51	3:10.75	1500 METER FREESTYLE	0.240.44	Hel Haxwell St Disq.	
Jurgen Nebelung 44	3:18.18	Ladistaus Rugso 49 100 METER JACKSTROKE	33:28.12	Nax Jastrouch 52 W.P. Morley 51	3:16.97	Jim Welch 55	22:14.59	ordon Corson (2 Disq.	
Alex Cilbert 40	3:23.73	Paul Hutinger 48	1:16.78	400 METER PREESTYLE		Donald Rankin 57	24:05.98	50 METER FREESTYLE	
John Jauman 43	3:26.33	Roger Franks 46	1:19.08	Fred Twiol1 52	5:38.28	Ashby Harper 56	24:58.41	John McGuire 69 38.0	
Fred Lurie 42	3:27,44	loward l'atterson 45	1:22.41	John Crews 93	5:41.45	Melson Otis 57 John McKenzie 56	27:48.98	larry Jaggers L6 39.29	
A stein 44	3:37.22	Job White 46 lobert Blochaum 47	1:23.39	James Edwards 50 Forris Egyley 51	5:44.44 6:08.11	orman Folker 55	29:03.00	Arthur Paesler 56 1:19.91 Frank Desimone 47 1:22.17	
John Dallaher 44	3:40,00	lenjamin Wright 47	1:31.58	William Jaugher 52	6:20.51	100 HETER BACKSTROKE		100 METER PREESTAND	ř.
John Johnson 40	3:48,88	John Scott 49	1:32.3	Jurgen Schmidt 50	6:22.68	John McKengle 56	1:31.88	John LeGuire 69 1:32.44	40
len lue 43	3:50.50	Frank Highr 47	1:36.84	Ambert Schor 52	6:27,42	Dave Dutrow 57	1:35.70	parry Jaguers 4 1:37,7	
50 METER SUTTERFLY Edward Omes 44	32.31	Daniel Sullivan 45	1:38.7	William Johnston 53	7:58.47	elson Otis 57	1:36.38	200 HEFER PREE F LG	
Jerry Swirn 40	32.45	loh: Killern 48	1:44.13	141 Jennert 53 1500 RETER PARE FIVE	8:07.23	Walter Wells 55 Richard Lyn 57	2:11.59	Jarry Jaggers 56 3:15,80 John NeGolin: 59 3:59,0	
HII Clinton 41	32.68	200 METER AND TROKE	1.1474.72	Fred Paloli 52	22:32.59	200 METER JACKSTROKE	30000000000	Clifford drown 61 5:22,00	
Ed Schelonka 41	32.70	Paul bytinger 48	2:40.24	James Countillman, 52	23:07.67	John DcKenzie 56	3:24.17	400 METER FREE IT LE	
Mex Silbert 40	34.29	doger Franks 40	2:50.70	John Frams 53	23:13.55	clson Otls 57	3:29.32	arry Jaggers 56 /147.4	
Nobert Kuchy 42 Arthur Welch 40	34.33 34.59	loi Mitte 40	3:01.21	James Edwards 50 William Jaugher 52	23:19.94	Dave Dutrow 57 amilton Anderson 59	3:32.13	Andrew Kallonki 69 7:59,7	
len due 43	35.63	Frank Sair 47 Senjamin Fright 47	3:21.29	Jurgen Schmidt 50	25:39.23	Richard Lyon 57	5:30.94	John McGuire 69 8:53.9 Glifford Frown 67 13:10,7	
John Jauman 43	35.88	Daniel Sullivan 44	3:39.26	doy Lanaly 51	26:34.17	100 METER BREAJITIRON		1500 NETER FREESTILE	
Ufonso Ulen 43	36.65	Dick Mesirov 46	3:40.96	Jobert Schor 52	26:34.40	Walt Pfeiffer 59	1:34.42	arr Jaggers (6 30:29.40	
Elmer Korbai 43 Jurgen Bebelung 44	38.04	100 METER BREAST STROK		Max Hashrouck 52	27:19.42	Walter Wells 55 Frank Mavlicek 55	1:36.98	Andrew Fallunki 69 31:54.7	
John Johnson 40	52.54	Roy Stickney 45 Ted Haartz 45	1:25.38	W.P. Worley 51	30:28.05	Gerteam Sprofkin 56	1:44.40	100 METER GACKSTROKE 50:44.2	м
100 METER SUTTERFLY		Jansom Arthur 47	1:29.99	Luis Valle 50	38:01.83	Michael Lyon 57	1:49,90	Oscar Sigrist 65 1:40.9	h.
Hill Clinton 41	1:15.34	Hark Coughlin 45	1:31.10	100 HETER AMETROKE		Charles Roy 59	1:52.09	Clifford Frown 17 2:30,4	
ad Schelonka 41	1:17.98	Jim Torves 47	1:33.85	lay Taft 50	1:21.90	Jarry Hedler 59	2:53.36	200 METER LACK THORE	
Mrtimer Welch 40 Mex Gilbert 40	1:19.63	William Simpson 49	1:33.90	James Edwards 50 Witney Pearson 52	1:28.84	200 METER BREASTSTROK Walt Pfelffer 59	3:37.41	Oscar Sigrist 65 3:36,5 Clifford From 57 5:50,7	
Join Nauman 43	1:27.73	Douglas Strong 48	1:40.17	eorge fear 30	1:31.49	Walter Wells 55	3:41.44	100 METER SECASTSINGE	
Edward Emes 44	1:28.60	Dick Mesirov 46	1:45.58	Roy Lagal: 51	1:32.77	Sertram Sproikin 56	3:52,29	Winston Kratz 67 1:49.7	
4.7. Johnmacher 43	1:29.38	Job Wends 46	2:63.01	(Dert Grac.)3	1:37.69	A. Donald Bankin 57	4:03.40	Osca Sigrist 65 1:59.6	
Alionso Allen 43 Elmer Korbai 43	1:32.90	Fed laartz 45	3:13.89	Non Greetman 51 N.P. Worley 51	1:49.96	Stichard Lyon 57	4:05.97	Winston Kratz 67 4:11.9	g
200 METER INDIVIDUAL		Rom Stickney 45	3:14.15	Hax Hasbroock 52	1:52.38	Hill Grant 19	36.79	Oscar Sigrist 65 4:35.5	
Bill Clinton 41	2:47.29	Kansom Arthur 47	3:21.55	Lois Valle 50	2:10.67	Walt Pfeiffer 39	40.16	50 METER SUFTERFLY	
Robert Kueny 42	2:58.64	Nark Coughlin 45	3:25.37	William Johnston 51	2:21.58	Dave Dutrow 57	40.86	Andrew Kallunki 69 53.4	¥.
Arthur Jelch 40	2:58.91 3:06.80	Gerald Williams 45	3:26.43	William and '2 200 HETER LACKSTROKE	2:39.95	Walter Wells 55 100 METER SUTTERFLY	42.02	Andrew Kallunki 69 4:02.1	4
Ed ichlonka 41	3:06.85	Dick Mesirov 46 Jim Forbes 47	3:34.09	Ray Part 54	3:10.87	Walt Pfeiffer 59	1:30.85	Andrew Kallunki 69 4:02.1	1
John Sauman 43	3:22.07	Douglas Strong 48	3:40.51	James Edwards 50	3:14.43	Walter Wells 55	1:51.08	50 METER FREE TYLE	
Fred Lurie 42 John Johnson 40	3:23.17	50 METER SUTTERFLY	48.95	John Sorman 51	3:18.62	Hill Grant 59	1:52.48	Harence Ross 73 37.5.	
Bill Vendl 41	4:23,64	Perry Rockwell 48	32.76 34.17	Whitney Pearson 32 Seorge Henry 50	3:28.98 3:30.77	200 METER I DITTOUAL Walt Pfeiffer 59	3:20.10	John Anderson 70 38.50	
MEI: 45-49			250 - 1					111 Trask 70 44.0	42
50 METER PREEITYLE	Disq.	Mal Onusseit 49 Arthur Koblist 49		W.P. Worley 51	14104.39	Frank Havlicek 55	3:27.38	100 METER FREESTYLE	
TO SECTION DEPOSITIONS	Disq.	Arthur Koblish 49 Charles Stephanos 46	35.0% 36.35	Max Jashrouck 52	4:02.39	Tolson Otis 57	3:28.85	100 METER FREESTYLE Clarence Ross 73 1:25.00	0
Perry Rockwell 48	29.76	Arthur Koblish 49 Charles Stephanos 46 Sanford Dickey 47	35.06 36.35 38.80	Max Hashrouck 52 Luis 7gllc 50	4:14.78	Holson Otis 57 Hatt Sielski 59	3:28.85	Ilarence Ross 73 1:25.00 John Anderson 70 1:36.00	6
Perry Rockwell 48 Roy Stickney 46	29.76 29.91	Arthur Koblist 49 Charles Stephanos 46 Sanford Dickey 47 Robert Maurer 47	35.06 36.35 38.80 39.08	Max Hashrouck 52 Luis 7alle 50 William Sand 52	4:14.78 4:45.77 6:34.29	Molson Otis 57 Hatt Sielski 59 Dave Dutrow 57	3:28.85 3:30.33 3:38.45	Clarence Ross 73 1:25.00	5
Perry Rockwell 48 loy itickney 46 Ted Heartz 45	29.76 29.91 30.25	Arthur Koblish 49 Charles Stephanos 46 Sanford Dickey 47 Robert Maurer 47 Bob Wendt 36	35.04 36.35 38.80 39.08 41.27	Max Hashrouck 52 Lois Falle 50 William Sand 52 100 NETER TREASTROKE	4:14.78 4:45.77 6:34.29	Volson Otis 57 Hatt Sielski 59 Dave Dutrow 57 Hamilton Anderson 59	3:28.85 3:30.33 3:38.45 3:42.71	Clarence Ross 73 1:25.00	5
Perry Rockwell 48 loy Stickney 46 Ted Haartz 45 Job White 46	29.76. 29.91 30.25 30.50	Arthur Koblist 49 Charles Stephanos 46 Sanford Dickey 47 Robert Maurer 47	35.00 36.35 38.80 39.08 41.27 41.49	Max Hashrouck 52 Luis 7alle 50 William Sand 52	4:14.78 4:45.77 6:34.29	Holson Oris 57 Hatt Sielski 59 Dave Dutrow 57 Hamilton Anderson 59 Hill Grant 59 HER 60-64	3:28.85 3:30.33 3:38.45	Tarence Ross 73 1:25.00	5
Perry Rockwell 48 loy ittekney 46 Ted Haartz 45 305 White 46 Ery Jirauh 49 Arthur Koblish 49	29.76 29.91 30.25 30.50 30.52 30.85	Arthur Roblish 49 Charles Stephanos 46 Sanford Dickey 47 Robert Maurer 47 Bob Wendt 36 Jim Forbes 47 Robert Bloebaum 47 Joseph Rodgers 45	35.04 36.35 38.80 39.08 41.27 41.49 41.86 42.41	Max Hashrouck 52 Luts falls 50 William Sand 52 100 NETER SREATSTROKE John Sorman 51 Norts Eppley 51 Thomas Cloyes 51	4:14.78 4:45.77 6:34.29 1:36.25 1:39.40 1:43.57	Telson Oris 57 Hart Sielski 59 Dave Datrow 57 Jamilton Anderson 59 Hill Grant 59 HEIL 60-64 50 METER FREE-TYLE	3:28.85 3:30.33 3:38.45 3:42.71 3:49.55	Il arence Ross 73 1:25.00 Join Anderson 70 1:25.00 iil Trask 70 1:42.31 Jun 22 200 NETRE FRESTYLE Clarence Ross 73 1:24.81 iil Trask 70 3:55.99	5 0 8 0
Perry Rockwell 48 loy itlekney 46 Ted Jaartz 45 Job White 46 Ery Jerauli 49 Arthur Roblish 49 James Courter 47	29.76 29.91 30.25 30.50 30.52 30.85 31.08	Arthur Koblis: 49 Charles Stephanos 46 Sanford Dickey 47 Robert Maurer 47 Sob Wendt 36 Jim Forbes 47 Robert Bloebaum 47 Joseph Rodgers 45 William Marshall 47	35.06 36.35 38.80 39.08 41.27 41.49 41.86 42.41 44.06	Max Hashrouck 52 Luis Talle 50 William Sand 52 100 NETER SHEAST STROKE John Sorman 51 Horris Eppley 51 Thomas Cloyus 51 Don Greetham 51	4:14.78 4:45.77 6:34.29 1:36.25 1:39.40 1:43.57 1:54.82	Volson Otis 57 Hatt Sielski 59 Dave Dutrow 57 Hamilton Anderson 59 Hill Grant 59 HEZI 60-64 50 METER FREETYLE Zeg Richardson 61	3:28.85 3:30.33 3:38.45 3:42.71 3:49.56	Ularence Ross 73 1:25.00 1:136.00 1:11 Trask 70 1:42.31 2:14.22 2:14.22 2:00 NETER PRESTILE Clarence Ross 73 3:24.81 1:11 Trask 70 3:53.90 1:12.91 1:12.91	5 0 8 0 5
Perry Rockwell 48 loy itickney 46 Tod Jaartz 45 Job White 46 Ery Jtrauh 49 Arthur Koblish 49 James Courter 47 Janford Sickey 47	29.76 29.91 30.25 30.50 30.52 30.85 31.08 31.21	Arthur Koblis. 49 Charles Stephanos 46 Jamford Dickey 47 Robert Maurer 47 Robert Maurer 47 Robert Stophanos 46 Jim Forbes 47 Lobert Bloebaum 47 Joseph Rodgers 45 William Marshall 47 Ludislaus Ruzsa 49	35.04 36.35 38.80 39.08 41.27 41.49 41.86 42.41	Max Hashrouch 52 Luis Valle 50 William Sand 52 100 METER SHEASTSTROKE John Sorman 51 Horris Eppley 51 Thomas Cloyes 51 Don Greetham 51 200 METER SHEASTSTROKE	4:14.78 4:45.77 6:34.29 1:36.25 1:39.40 1:43.57 1:54.82	Telson Oris 57 Hart Sielski 59 Dave Datrow 57 Jamilton Anderson 59 Hill Grant 59 HEIL 60-64 50 METER FREE-TYLE	3:28.85 3:30.33 3:38.45 3:42.71 3:49.56	Ilarence Ross 73 1:25.00 Join Anderson 70 1:30.00 111 Trask 70 1:42.31 Eaul Dunakin 72 2:14.20 200 NETER FREESTILE Clarence Ross 73 3:24.60 111 Trask 70 3:53.90 Join Anderson 70 4:12.99 Paul Dunakin 72 5:19.20	5 0 8 0 5
Perry Rockwell 48 loy itlekney 46 Ted Jaartz 45 Job White 46 Ery Jerauli 49 Arthur Roblish 49 James Courter 47	29,76 29,91 30,25 30,50 30,52 30,85 31,08 31,21 33,55	Arthur Koblis: 49 Charles Stephanos 46 Sanford Dickey 47 Robert Maurer 47 Sob Wendt 36 Jim Forbes 47 Robert Bloebaum 47 Joseph Rodgers 45 William Marshall 47	35.06 36.35 38.80 39.08 41.27 41.49 41.86 42.41 44.06	Max Hashrouck 52 Luis Valle 50 William Yand 52 100 NETER THE STEATFFROKE John Sorman 51 Horris Eppley 51 Thomas Cloyes 51 200 NETER THE STEATFFROKE James Counsilman 52 John Sorman 51	4:14.78 4:45.77 6:34.29 1:36.25 1:39.40 1:43.57 1:54.82	"clson Otis 57 Hatt Sielski 59 Dave Dutrow 57 Jamilton Inderson 39 Hill Grant 59 NEH 60-64 50 NETER FRESTYLE Arg Richardson 61 Nel Naxwell 61 Lloyd Osborne 64 Gordon Corson 62	3:28.85 3:30.33 3:38.45 3:42.71 3:49.55 33.21 33.45 34.00 35.52	Ularence Ross 73 1:25.00 1:136.00 1:11 Trask 70 1:42.31 2:14.22 2:14.22 2:00 NETER PRESTILE Clarence Ross 73 3:24.81 1:11 Trask 70 3:53.90 1:12.91 1:12.91	6 5 0 8 0 5 6
Ferry Rockwell 48 loy itickney 46 Ted Jaartz 45 Job White 46 Ery Jiraul 49 Arthur Roblish 49 James Courter 47 Janford Mickey 47 Robert Maurer 47 William Marshall 47 Robert Moebaum 47	29,76 29,91 30,25 30,50 30,52 30,85 31,08 31,21 33,55 33,62 35,93	Arthur Koblish 49 Charles Stephanos 46 Sanford Dickey 47 Robert Maurer 47 30b Wendt 36 Jim Forbes 47 Robert Bloebaum 47 Joseph Rodgers 45 William Marshall 47 Ladislaus Ruzsa 49 100 METER DUTTERFLY Hall Omusselt 49 Perry Rockwell 48	35.06 36.33 38.80 39.08 41.27 41.49 41.86 42.41 44.06 51.56 1:19.67 1:19.70	Max Hashrouck 52 Lots 7011c 50 William Sand 52 100 NETER WHE LISTRONE John Sorman 51 Horris Eppley 51 Thomas Cloyes 51 Don Greetham 51 200 NETER WREATSTROKE James Counsilman 52 John Sorman 51 Ray Hakomaki 52	4:14.78 4:45.77 6:34.29 1:36.25 1:39.40 1:43.57 1:54.62 3:18.92 3:27.83 3:31.69	Holson Otts 57 Hart Sielski 59 Dave Dutrow 57 Hamilton Anderson 59 Hill Crant 59 NETE FREE-TYLE Zeg Richardson 61 Nel Naxwell 61 Lloyd Osborne 64 Cordon Corson 62 Edmund Brown 60	3:28.85 3:30.33 3:38.45 3:42.71 3:49.55 33.21 33.45 34.00 35.52 37.84	Il arence Ross 73 1:25,00 1:10 Anderson 70 1:16,00 1:11 Trask 70 1:42,31 2:200 NETRE PREESTILE Clarence Ross 73 1:24,61 1:11 Trask 70 3:53,9 1:01 Anderson 70 4:12,9 Paul Dunakin 72 4:00 METER PREESTYLE Clarence Ross 43 7:29,77 Fhomas Jurence 72 8:26,55	65 0 8 0 5 € 4 2
Ferry Rockwell 48 Lov ittchney 46 Lov ittchney 46 Lov ittchney 46 Lov ittraul 49 Arthur Roblish 49 James Courter 47 Janford Sickey 47 Robert Maurer 47 William Marshall 47 Robert Bloebaum 47 John Gallaher 44	29.76 29.91 30.25 30.50 30.52 30.85 31.08 31.21 33.55 33.62 35.93 36.32	Arthur Koblish 49 Charles Stephanos 46 Janford Dickey 47 Robert Maurer 47 Robert Maurer 47 Robert Morens 47 Robert Bloodbaum 47 Joseph Rodgers 45 William Marshall 47 Ladislaus Russa 49 100 METER OUTTERFLY Hall Onusselt 49 Perry Rockwell 48 Paul Hutinger 48	35.04 36.35 38.80 39.08 41.27 41.86 42.41 44.06 51.56 1:19.67 1:19.70 1:22.15	Max Hashrouck 52 Luis Valle 50 William Sand 52 100 NETER SHE SITE STROKE John Sorman 51 Horris Eppley 51 Thomas Cloyus 51 200 NETER SHE SITETROKE James Coursilman 52 John Sorman 51 Ray Hakomaki 52 Thomas Cloyes 51	4:14.78 4:45.77 6:34.29 1:36.25 1:99.40 1:43.37 1:54.62 3:18.92 3:27.83 3:31.69 3:44.89	Holson Otts 57 Hart Sielski 59 Dave Dutrow 57 Hamilton Anderson 59 HEI GO-64 50 HETER FREE-ITVLE Arg Richardson 61 Nel Maxwell 61 Lloyd Osborne 64 Gordon Corson 62 Edmund Brown 60 David NeAfre 63	3:28.85 3:30.33 3:38.45 3:42.71 3:49.55 33.21 33.45 34.00 35.52 37.84 37.84	Ularence Ross 73 Join Anderson 70 11:36.00 111 Trask 70 1242.31 200 NBTER PRESTILE Clarence Ross 73 111 Trask 70 Join Anderson 70 Paul Dunakin 72 Paul Dunakin 72 400 MBTER PRESTIVE Clarence Ross 43 Thomas dureton 72 111 Trask 70 8130.21	65 0 8 0 5 € 4 2
Ferry Rockwell 48 Loy itickney 46 Ted Jaartz 45 Joh White 46 Ery Jiraul 49 Arthur Roblish 49 James Courter 47 Jamford Mickey 47 Robert Maurer 47 William Marshall 47 Robert Bloebaum 47 John Gallaher 44 John Killeen 48	29,76 29,91 30,25 30,50 30,52 31,08 31,21 33,55 33,62 35,93 36,32 36,32	Arthur Koblis. 49 Charles Stephanos 46 Jamford Dickey 47 Robert Maurer 47 Robert Maurer 47 Robert Stophanos 46 Jim Forbes 47 Lobert Bloebaum 47 Joseph Rodgers 45 William Marshall 47 Ludislaus Ruzsa 49 100 METER BUTTERFLY fial Onusselt 49 Perry Rockwell 48 Paul Hutinger 48 Lou Jilverstein 47	35.06 36.35 38.80 39.08 41.27 41.49 41.86 42.41 44.06 51.56 1:19.67 1:19.70 1:22.15 1:41.92	Max Hashrouck 52 Luis Yallt-50 William Sand 52 100 HETER YELLISTRONE John Sorman 51 Horris Eppley 51 Thomas Cloyes 51 Don Greetham 51 200 METER YELLISTRONE James Counsilman 52 John Sorman 51 Ray Hakomaki 52 Thomas Cloyes 51 Robert NeDermot 50	4:14.78 4:45.77 6:34.29 1:36.25 1:39.40 1:43.57 1:54.62 3:18.92 3:27.83 3:31.69	Holson Otts 57 Hart Sielski 59 Dave Dutrow 57 Hamilton Anderson 59 Hill Crant 59 NETE FREE-TYLE Zeg Richardson 61 Nel Naxwell 61 Lloyd Osborne 64 Cordon Corson 62 Edmund Brown 60	3:28.85 3:30.33 3:38.45 3:42.71 3:49.55 33.21 33.45 34.00 35.52 37.84	Il arence Ross 73 1:25,00	55 0 8 0 5 € 4 2 1
Ferry Rockwell 48 Lov Stickney 46 Lov Stickney 46 Lov Stickney 46 Lov Strauh 49 Arthur Roblish 49 James Courter 47 Janford Mickey 47 Robert Maurer 47 William Marshall 47 Robert Bloebaum 47 John Gallaher 44 John Killeen 48 Dom Bresnsham 46	29.76 29.91 30.25 30.50 30.52 30.85 31.08 31.21 33.55 33.62 35.93 36.32	Arthur Koblish 49 Charles Stephanos 46 Janford Dickey 47 Robert Maurer 47 Robert Maurer 47 Robert Morens 47 Robert Bloodbaum 47 Joseph Rodgers 45 William Marshall 47 Ladislaus Russa 49 100 METER OUTTERFLY Hall Onusselt 49 Perry Rockwell 48 Paul Hutinger 48	35,0% 36,35 38,80 39,08 41,27 41,49 41,86 42,41 44,06 51,56 1:19,67 1:19,70 1:22,15 1:41,92 1:51,09	Max Hashrouck 52 Luis Valle 50 William Sand 52 100 NETER SHE SITE STROKE John Sorman 51 Horris Eppley 51 Thomas Cloyus 51 200 NETER SHE SITETROKE James Coursilman 52 John Sorman 51 Ray Hakomaki 52 Thomas Cloyes 51	4:14.78 4:45.77 6:34.29 1:36.25 1:99.40 1:43.37 1:54.62 3:18.92 3:27.83 3:31.69 3:44.89	Hotson Otts 57 Hatt Sielski 59 Dave Dutrow 57 Hamilton Inderson 59 Hill Grant 59 HEI 60-64 50 HETER FREE-TYLE Reg Richardson 61 Nel Naxwell 61 Lloyd Osborne 64 Gordon Corson 62 Edmund Brown 60 David Newice 63 Harold Burns 63 100 METER FREE-TYLE Reg Richardson 61	3:28.85 3:30.33 3:38.45 3:42.71 3:49.55 33.21 33.45 34.00 35.52 37.84 37.92 48.76	125.00 1	650 80 55€ 421 0
Ferry Rockwell 48 Loy Stickney 46 Ted Jaartz 45 Job White 46 Ery Jiraul 49 Arthur Roblish 49 James Courter 47 Janford Bickey 47 Robert Maurer 47 William Marshall 47 John Gallaher 44 John Killeen 48 Dom Bresnahan 46 LOO METER PREESTYLE LOO WICKNEY 46	29,76 29,91 30,25 30,50 30,52 31,08 31,21 33,55 33,62 35,93 36,32 36,32	Arthur Koblish 49 Charles Stephanos 46 Jamford Dickey 47 Robert Maurer 47 Job Wendt 36 Jim Forbes 47 Lobert Bloebaum 47 Joseph Rodgers 45 William Marshall 47 Ladislaus Ruzsa 49 100 METER BUTTERFLY Had Onusselt 49 Perry Rockwell 48 Paul Hutinger 48 Lou 3llverstein 47 Jim Forbes 47 Job Wendt 46 Watson Lawrence 45	35,0% 36,35 38,80 39,08 41,27 41,49 41,49 42,41 44,06 51,56 1:19,70 1:22,15 1:41,92 1:51,09 1:51,26 1:54,70	Max Hashrouck 52 Luis Valle 50 William Sand 52 100 HETER WHE LIFTRONE John Sorman 51 Horris Eppley 51 Thomas Cloyes 51 Don Greetham 51 200 METER WRELITSTRONE James Counsilman 52 John Sorman 51 Ray Hakomaki 52 Thomas Cloyes 51 Robert NeDermont 50 50 METER BUTTERFLY Ray Taft 54 Ray dakomaki 52	4:14.78 4:45.77 6:34.29 1:36.25 1:39.40 1:43.57 1:54.82 3:18.92 3:27.83 3:31.69 3:44.89 4:57.29 35.28 36.75	Holson Otts 57 Hart Sielski 59 Dave Dutrow 57 Hamilton Inderson 59 Hill Crant 59 NETER FREE:TYLE Reg Richardson 61 Nel Maxwell 51 Lloyd Geborne 64 Cordon Corson 62 Edmund Brown 60 David Nelfee 63 Harold Burns 63 100 METER FREE:TYLE Reg Richardson 61 Lloyd Osborne 64	3:28.85 3:30.33 3:38.45 3:42.71 3:49.55 33.21 33.45 34.00 35.52 37.84 37.92 48.76	Il arence Ross 73 1:25.00	50 8055 € 421 01
Ferry Rockwell 48 Lov ittekney 46 Lov ittekney 47 Lones Courter 47 Lanford Bickey 47 Robert Maurer 47 William Marshall 47 Robert Bloebaum 47 John Gallaher 44 John Killeen 48 Dom Bresnahm 46 LOM METERN FREESTYLE	29.76 29.91 30.25 30.50 30.52 30.85 31.21 33.55 33.62 35.93 36.32 36.77 36.92	Arthur Koblish 49 Charles Stephanos 46 Janford Dickey 47 Robert Maurer 47 Bob Wendt 36 Jim Forbes 47 Robert 310ebaum 47 Joseph Rodgers 45 William Marshall 47 Ladislaus Ruzsa 49 100 METER BUTTERFLY fall Onusselt 59 Perry Rockwell 48 Faul Huttnger 48 Lou 311verstein 47 Jim Forbes 47 Jim Forbes 47 Job Wendt 46	35,0% 36,35 38,80 39,08 41,27 41,49 41,49 42,41 44,06 51,56 1:19,67 1:19,70 1:22,15 1:21,92 1:51,09 1:51,26	Max Hashrouck 52 Luis Valle 50 William Yand 52 100 NETER THE LIFTHORE John Sorman 51 Horris Eppley 51 Thomas Cloyes 51 200 NETER THE LIFTHORE James Counsilman 52 John Sorman 51 Ray Hakomaki 52 Thomas Cloyes 51 Robert NeDermont 50 50 NETER BUTTERPLY Ray Taft 54	4:14.78 4:45.77 6:34.29 1:36.25 1:39.40 1:41.57 1:54.82 3:18.92 3:27.83 3:31.69 3:31.69 3:44.89 4:57.29	Hotson Otts 57 Hatt Sielski 59 Dave Dutrow 57 Hamilton Inderson 59 Hill Grant 59 HEI 60-64 50 HETER FREE-TYLE Reg Richardson 61 Nel Naxwell 61 Lloyd Osborne 64 Gordon Corson 62 Edmund Brown 60 David Newice 63 Harold Burns 63 100 METER FREE-TYLE Reg Richardson 61	3:28.85 3:30.33 3:38.45 3:42.71 3:49.55 33.21 33.45 34.00 35.52 37.84 37.92 48.76	125.00 125.00 125.00 126.00 1	65 0 8 0 0 5 6 4 2 1 0 1 7

200 METER BACKSTROKE	
Thomas Cureton 72	4:15.22
100 METER BREASTSTROKE	
John Anderson 70	3:00.42
Carl Bergman 71	3:11.57
200 METER BREASTSTROKE Paul Dunakin 72	0 00 07
	9:29.07
50 METER BUTTERFLY	
John Anderson 70	55.03
200 METER INDIVIDUAL ME	EDLEY
Thomas Cureton 72	4:29.05
200 METER MEDLEY R	ELAY
WOMEN 25 6 OVER	Services
Connecticut Masters	2:34.16
Ryall Masters "A"	2:41.54
D.C. Masters	2:41.55
Alfred Corning C.G.	3:06.78
U of Chi Swim Club	3:17.40
Oak Ridge Masters	3:20.20
Ryall Masters "B"	3:47.67
WOMEN 35 & OVER	
Ft. Lauderdale A.C.	3:10.78
Oak Ridge Masters	3:37.02
Ryall Masters	4:11.74
WOMEN 45 & OVER	
D.C. Masters	3:16.48
Oak Ridge Masters	3:48.69
MEN 25 & OVER	
New York A.C.	2:00.74
U. of Chi. Swim Club A	2:01.82
Connecticut Masters	2:04.25
Ryall Masters "A"	2:07.36
Warren YMCA	2:08.40
Vanderbilt Masters	2:09.25
Mansfield Athletic A.	2:09.61
St. Pete. Rec. Dept.	2:10.21
Dearborn Rec S.C.	2:10.58
Masters of Florida	2:10.85
Greater Columbus S.C.	2:11.24
Oak Ridge Masters "A"	2:13.44
U. of Chi. S.C. "B"	2:17.16
Bloom. Gat. S.C.	2:19.61
Ryall Masters "B"	2:24.08
Donner Swim Club	2:31.25
Donner Swim Club MEN 35 & OVER	
Greater Col. S.C.	2:14.73
D.C. Masters	2:17.82
Ryall Masters A	2:24.34
	2:24.94
St. Louis Metro Mas.	2:26.20
New York A.C. San Diego County	
	2:28.46
Oak Ridge Masters	
Ryall Masters "B"	2:35.65
Bloom. Gat. S.C.	2:48.55
MEN 45 6 OVER New England Masters	27. 202920
New England Masters	2:17.51
Tosa Swim Club	2:19.41
Un. of Chi. S.C.	2:29.04
Oak Bidge Masters	2:36.87
Ill. Institute Mas.	2:38,51
D.C. Masters	2:50,88
Ryall Masters	3:34.03

200 METER FREE RE	LAY
WOMEN 25 & OVER	No.
D.C. Masters	2:11.90
Connecticut Masters	2:23.72
Ryall Masters "A"	2:25.47
Un. of Chi. S.C.	2:36.31
Alfred Corn. Cl. Gym	2:41.89
Oak Ridge Masters	2:52.59
Dwall Masters HBH	3:22.38
WOMEN 35 6 OVER	
Ft. Lauderdale A.C.	2:44.00
Ryall Masters "A"	2:53.78
Ook Didoo Moston	3:39.43
Oak Ridge Masters WOMEN 45 & OVER	3:39.43
WOMEN 45 & OVER	2.00.71
D.C. Masters	3:00.41
Oak Ridge Masters MEN 25 & OVER New York A.C.	3:25.92
MEN 25 & OVER	
New York A.C.	1:46.85
U. of Chi. S.C. "A"	1:46.86
Connecticut Masters	1:49.11
Dearborn Rec S.C.	1:50.95
Mansfield Ath. Ass.	1:50.96
Warren YMCA	1:51.68
U of Chi C C Hau	1:52.13
U. of Chi S.C. "B" Ryall Masters "A"	1.52.23
Ryall Masters "A"	1:52,31
Oak Ridge Masters "A"	1:53.10
Masters of Florida	1:53.34
St. Pete. Rec.	1:59.04
D.C. Masters	2:01.29
U. of Chi. S.C. "C"	2:01.78
Bloom. Gat. S.C.	2:04.44
Ryall Masters "B"	2:05.46
MEN 35 6 OVER	2:03:40
Greater Columbus S.C.	
Greater Columbus S.C.	1:57,19
D.C. Masters	1:59.64
Ryall Masters	2:05.49
Bloomington G, S.C.	2:14.37
St. Louis Masters	2:14.73
St. Louis Masters Oak Ridge Masters	2:15.19
MEN 45 & OVER	
Tosa Swim Club	1:58.75
New England Masters	2:04.09
Un. of Chi. S.C.	2:06.58
TIT Masters C.C.	2:10.54
IIT Masters S.C.	
Oak Ridge Masters	2:22.67
D.C. Masters	2:28.01
Ryall Masters	2:56.17
200 METER MIXED FREE Connecticut Masters "A"	RELAY
Connecticut Masters'A'	1:58.76
D.C. Masters "A"	2:02.61
Ryall Masters "A"	2:03.17
Un. of Chi. S.C. "A"	2:06.41
Masters of Florida	2:07.04
New England Masters	2:09.07
D.C. Masters "B"	2:09.60
Ft. Lauderdale A.C.	2:10.23
Ryall Masters "B"	2:12.43
Connecticut Masters "B	12.19.75
Oak Ridge Masters "A"	2:21.56
Ryall Masters "C"	2:22.64
Codes Deside Need	
Cedar Rapids Masters	2:23,43
Un. of Chi. S.C. "B"	2:25.20
Ryall Masters "D"	2:34.73
Ryall Masters "E"	3:43.84
Shabbons Sharks S.C.	4:06.58

OVERALL TEAM SCORES

Men's Swimming Team Champion
Women's Swimming Team Champion
Hat'l AAU Masters Long Course Champion

University of Chicago Swim Club D. C. Masters Swim Team D. C. Masters Swim Team

	AAU Masters Long Course Cham	pion	D. C.	Masters Swim Team
AHQC	A & W Aquatic Club	16	NESC	New England Masters S.C.
ACC	Alfred Corning Clark Gym	78	NMXI1	New Mexico Masters
BGSC	Bloomington Gatorade S.C.	32	NOV	North Canton 'Y'
BRB	Baton Rouge Bengals	24	HSY	North Suburban YMCA
BSC-	Bethpage N.Y. Swim Club	5	NHSY	Morthwest Suburban YMCA
BUY	Buehler YMCA	23	HYAC	New York Athletic Club
CESD	Capitol East Sea Devils	7	OLC	The Olympic Club
CHSC	Chapel Hill Swim Club	24	ORM	Oak Ridge Masters
JAC	Central Jersey A.C.	9	ONS	Omaha Westside Swim Club
NW	Connecticut Masters	163	PMC	Powel Crosley Masters
RY	Cedar Rapids Y Swim Club	41	P 66	
CST	Celebrity Swim Team	41	RMSC	Rosemead Swim Club
DAC	Denver Athletic Club	24	RNM	Rin Conada Masters
DBR	Dearborn Recreation S.C.	39	RP	Ridge Park Swim Club
DCMT	DC Masters Swim Team	347	RVC	Riviera Club
YOU	Dad's Club YMCA	4	RYII	8.R. Ryall Hasters
DRNY	Dept. Rec. N. Y. City	5	SBAC	Santa Barbara Aquatic Assn
FLAC	Ft. Lauderdale Aquatic C.	129	SDC	San Diego Co. Swim Masters
FYA	Fredericton Y Aquanauts	7	SEAC	San Fernando Valley A.C.
GCSC	Greater Columbus Swim C.	73	SHS	Shabbona Sharks Swim Club
GMSC	Greater Milwaukee S. C.	7	SHM	San Mateo Marlins
PSA	G.P.S.A.	15	SPAC	St. Petersburg Rec. D.C.
PSC	Gopher Swim Club	56	SSC	Sarasota Swim Club
SCV	Greenville S. C. YMCA	14	STL	St. Louis Netro Masters
BS.	Huntington Beach Swim Club	24	SVY	Somerset Valley YNCA
ISC	Houston Swim Club	7	SWP	Spartan Hater Polo Club
HST	The Hills Swim & Tennis	24	SY	Sarasota YHCA
TII	Illinois Inst. Hasters	93	TG/IB	Texas Gulf Hasters-Belain
ISC	Irvine Swim Club	37	TGITH	Texas Gulf Hasters-Wharto
JMY	Johnson Memorial YNCA	24	UCSC	University of Chicago S.C
JRY	Jordan YMCA	1	UT	University of Toronto
CYF	Kenosha Youth Foundation	22	VBC	Vesper Boat Club
A	Lawrence Aquahawks	3	ANN	Vanderbilt Masters S.T.
HY	Lima YMCA Swim Club	9	HAC	
VBR	Livonia 'Y' Blue Racer Club	12	HASC	Haikiki Swim Club
MAA	Mansfield Athletic Ass'n	5	WESY	
MAC	Marin Aquatic Club	64	WSC	Haukesha Swim Club
MDO	Midland Octaglidefins S.C.	15	WISC	
MFLA		107	HA	Harren YMCA
MNTY		53	YHSC	
MISC		36	YSC	Yavapai Swim Club
MVY	Millville N. J. YMCA	31	ZAC	Zwicker Aquatic Club
NC	Nina Clippers	1	DSC	Donner Swim Club

NATIONAL CHAMPIONSHIPS





3:42.0 6:23.8 7:05.4 2:36.0 5:30.6

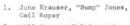
100 METER BACKSTMOKE
Ted Mumby
200 METER BACKSTROKE
Glen Evins 75
Ted Mumby
100 METER BREASTSTROKE
John Whittemore
200 METER BREASTSTROKE
Gerhard Mauric 70
50 METER BUTTERFLY
Glen Evins 75











 Bill Cerney, Hal Onusseit, Ted Hearts

 Elsa deSagasti, Nancy Clark, Anne Adams, Mildred Anderson, Geri Orosco

 Larry Anderson (Ham's grandson), Walt Pfeiffer, Hamilton Anderson, Dave Dutrow, Robert Bloebaum

5. Joan and Lloyd Osborne

 A group of 1972 All-American's attending the LC Banquet

7. Wally Dobler, Jim Counsilman, George Runciman

8. The Breenahan Family - Dick, Don, Anne Adams, Fred







5340 N. E. 17th Avenue Ft. Lauderdale, FL 33308

FIRST CLASS







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HAWAIIANS VICTORIOUS IN MAUI CHANNEL SWIM

By Anne Adams

A Masters event which is gethering momentum in the Hawaiian Islands is the annual Maui Channel Inter-Island Relay Race. This year 5 teams were entered in the 9 mile race. The AAA Hawaiian team won in a crossing that took 3 hrs and 50 min. The distinguished members of the winning team were: Bill Goding, Marc Finley, Scott Harvey, Harry Huffaker, Dave Baker and Don Willard. The San Francisco team of Bob Roper, Mike Garibaldi, Richard Glass, Dennis Rice, Frank Blair and Bill Foehr placed 2nd, finishing in 3 hrs and 58 min. The AA Hawaiian team placed 3rd with Paul Johnstone, Richard Merritt, Dan McCrerey, Jim Baird, Art Welch, and Jeff Graunke in 4 hrs and 4 min. Finishing 4th in 4 hrs and 8 min. was the A Hawaiian team of Jim Caldwell, Jim Cotton, Steve and John Baker, Ulrich Klinke and Robin Durnan. Swimming for L.A. was the only women swimmer, Anne Adams, and Chuck Buddemeyer, Jack Burgan, Herb Nakama, Bob Mack and Walt Pfeiffer. The swimmers worked in relays across the Auau Channel bucking a choppy sea at the beginning and a bad current about half way over. At times the swimmers had to use their escort boats as windbreakers. Jim Cotton has developed an attractive swimming package for the Labor Day week-end with the Maui Channel Swim, the Hawaiian Masters LC Championships and the Waikiki 2 mile Rough Water Swim. Where else do we offer more challanging swimming to the Masters swimmer? So save Labor Day 1974 for a trip to paradise and experience an unforgetable week-end of swimming.