By Dave Hamilton

IRVINE, Calif.—United States Swimming's week-long Outdoor Nationals hyphen Olympic Trials were analagous to simultaneously holding the World Series in two separate cities, with the teams never facing one another. Or, allowing the Super Bowl to be decided on the basis of season-long statistics fed into a computer.

Somehow, despite all the hype by the announcers, all the comparisons on the scoreboard and, most of all, in spite of the good intentions of the meet organizers, the Nationals just failed to live up to everyone's heightened expectations.

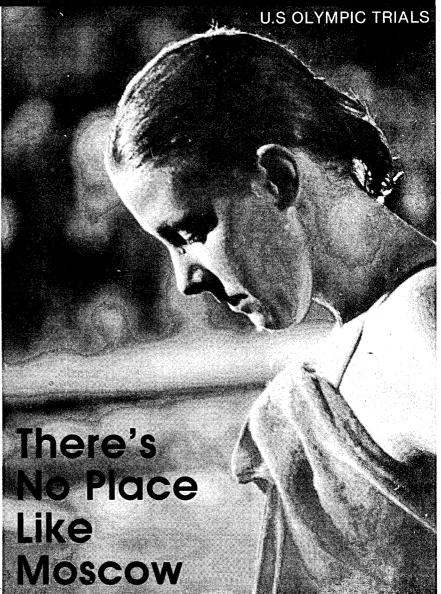
For the most part, though, it seems that the swimmers were the only ones not let down by the results and their quote failure to beat the Moscow times, unquote. While many seemed to forget that numbers alone do not make up for the shot of adrenaline generated by head-to-head competition, the swimmers were well aware of the difference. Racing for the world record is not the same when you are in Irvine and your best competition has swum their race a week earlier in the Soviet Union. After all, that clock isn't in the next lane pushing you to your best performance.

Yet, let no one take anything away from America's senior swimmers. During the course of the meet they bettered three world records as well as improving on five American standards and tying another. The world marks improved upon-men's 200 meter butterfly and 200 IM and women's 200 fly-had all been held by Americans prior to Na-

Through the benefit of hindsight, many at the meet began second-guessing the decision to combine Nationals with Trials. One was swimmer Rowdy Gaines of Florida Aquatics.

"The people organizing the meet and U.S. Swimming have been really great planning all this, but I'll be happy when the week comes to an end. I'm not blaming anyone, because nobody could have done better under the circumstances. If this was solely the Olympic Trials it would be a different story (in terms of times).

"At first I thought cancelling the Trials was a good idea, but if we had gone ahead as scheduled the meet would



As much as the meet organizers tried to convince them otherwise, Tracy Caulkins (above) and other swimmers were all too aware that the real thing was many miles away.

have been held indoors at the Texas Swimming Center. We would have had faster times and then the other swimmers in Moscow would have had to beat our marks," he said. "And I don't think they could've beat us."

U.S. Swimming Administrator Ray Essick agreed with Gaines in part.

"The combination of the two events is compatible to a certain degree. Unfortunately the arrangement does not allow for full focus on making the Olympic team." He defended the decision, however, noting, "I don't think a single coach in this country would have wanted two separate events with the disruption it would have caused in their season-long training schedule.

"I think we ended up with the best of both worlds, proving that U.S. Swimming had made the right decision to combine the two and selecting a truly representative team. We ended up with an excellent national championships and an outstanding Olympic team."

Many began to sense that the meet might not live up to expectations when, in the first men's event, the 50 meter freestyle, American record-holder Bruce Stahl of Santa Barbara (22.83 at Indoors) qualified 16th (23.45). Stahl did come back to win the banana heat in a slow 23.25, but many began to mutter, especially when the winning time of only 23.07 was turned in by Joe Bottom in finals. Jill Sterkel of Longhorn, women's record-holder, was off her mark by 25-hundredths of a second, winning the finals in 26.21. \triangleright

Chris Georges ģ

Swimming World/August 61

In the 100 breaststroke race Tracy Caulkins swam to her first victory and the first American record of the meet. Tracy outswam the field, turning in a time of 1:10.40, a quarter of a second better than her previous national mark and over two full seconds ahead of the second-place finisher. For the men, Steve Lundquist and Bill Barrett pushed each other in prelims and finals, with Lundquist emerging victoriously from both. The two bettered Lundquist's American mark in prelims, setting the stage for a showdown in finals. During the evening's competition Lundquist barely outtouched Barrett, 1:02.88 to 1:02.93. Lundquist's time was only twohundredths of a second off the global mark as he bettered his new American standard from prelims by one-hundredth of a second.

Brian Goodell of Mission Viejo established the new American and U.S. Open mark of 7:59.66 in the men's 800 freestyle, bettering Bobby Hackett's four-year-old American standard of 8:01.54 and Djan Madruga's Open time of 7:59.85 from 1980 Indoors.

On Wednesday, Caulkins got things off on the right foot as she raced to another American record while winning the 400 IM in 4:40.61. Nancy Hogshead finished second in the medley and less than one hour later swam to another second place finish in the 200 fly—a strong showing by a gutsy young girl, fighting her way back from an unfortunate string of injuries.

Finishing ahead of Hogshead in the fly was Mary T. Meagher, cruising to a world record time of 2:06.37, improving the world standard she had established at Outdoors in Fort Lauderdale last summer.

The 200 fly was *the* event on Wednesday, as 19-year-old Craig Beardsley shattered Mike Bruner's world record in the prelims. Beardsley knocked over a second off Bruner's best, lowering the standard from 1:59.23 to 1:58.21. In finals that night, Beardsley backed up his record as he touched in 1:58.46 to Bruner's 1:59.13.

Jesse Vassallo of Mission Viejo claimed a meet record in the men's 400 IM, going 4:21.51, one and one-half seconds short of his own world mark (4:20.05). In the men's 100 freestyle prelims, Rowdy Gaines tied his American record as he duplicated his 49.61 from Indoors.

By Thursday, the record-setting pace had begun to slow down but the thrilling races more than made up for the difference. In the women's 200 breast-stroke race, 15-year-old Terri Baxter of Ladera Oaks came from behind to catch Caulkins at the pad. The two touched in an identical 2:34.66, giving the young

Pacific Association swimmer her first national title. For the men, Glenn Mills of Cincinnati Pepsi Marlins repeated his Indoors victory, edging John Moffet of Beach, 2:18.78 to 2:18.79.

Linda Jezek captured the second of her two backstroke wins at Irvine as she edged out Sue Walsh of Zwicker in the 100, 1:03.16 to 1:03.18. In a race nearly

1980 UNITED STATES OLYMPIC TEAM

Lisa Buese, (Kim Carlisle Tracy Caulki	Cin. Pepsi Marlins . , Cin. Pepsi Marlins ns, N'ville 100-20	
Nancy Hogs	head, Florida Aqua	tics 200 fly, 400 IM
Linda Jezek,	Cardinal	100-200 back
Libby Kinkea	ad, Foxcatcher	
Karin LaBerg	je, Germantown	400 IM
Kym Linehai	n, Longhorn	400-800 free, 200 fly
Marybeth Lir	nzmeier, Mission Vi	ejo 100-200-800 free
Mary T. Mea	gher, Cin. Pepsi Mr	In . 200 free, 100-200 fly
Joan Pennin	aton, Longhorn	200 back
		100-200 breast
Jill Sterkel, I	onahorn	100 free
Susie Thave	r. Bartow Fivers	100 free
		100 back
Cynthia Woo	odhead, Unat	100-200-400-800 free
MEN		

MEN
Steve Barnicoat, Mission Viejo 200 back
Bill Barrett, Cin. Pepsi Marlins 100 breast
Craig Beardsley, Florida Aquatics200 fly
Mike Bottom, Athletes-in-Action 100 fly
Mike Bruner, Mesa 400-1500 free, 200 fly
Rick Carey, Badger
Chris Cavanaugh, De Anza100 free
Jeff Float, Arden Hills
Billy Forrester, Florida Aquatics 200 free, 200 fly
Rowdy Gaines, Florida Aquatics 100-200 free
Brian Goodell, Mission Viejo 400 free
Matt Gribble, Hurricane 100 fly
John Hencken, Santa Clara 100-200 breast
Bob Jackson, Conquistador100 back
Kris Kirchner, Longhorn 100 free
David Larson, Florida Aquatics 200 free
Steve Lundquist, Dr. Pepper 100 breast
Glenn Mills, Cin. Pepsi Marlins 200 breast
John Moffet, Beach 200 breast
Ron Neugent, Wichita1500 free
William Paulus, Longhorn 100 fly
Peter Rocca, Concord-Pisnt. Hill 100-200 back
Brian Roney, Industry Hills 400 free
John Simons, De Anza 400 IM
Dave Sims, Joliet Y
Richard Thornton, Concord-Pisnt. Hill 200 free
Jesse Vassallo Mission Vieio 200 back, 400 IM

OLYMPIC STAFF	
George Haines, Foxcatcher	Head Coach
Dennis Pursley, Cin. Pepsi Marlins	
Mark Schubert, Mission Viejo	
Randy Reese, Florida Aquatics	
Paul Bergen, Longhorn	
Don Gambril, Alabama	
George Breen	
Linda Burton	Asst. Manager
Pokey Watson Richardson	
•	_

as closely contested, Peter Rocca (56.64) defeated Bob Jackson (56.78).

Kym (that's K-y-m) Linehan narrowly missed bettering her meet record of 4:07.55 as she swam 4:07.77 in finals, edging Cynthia Woodhead by fourtenths. Bruner made the 400 his first victory of the meet, beating his distance nemesis, Goodell, 3:52.19 to 3:52.99. Bruner, who made the Outdoor Championships the final swim meet of his 17-year swimming career, would later

capture the men's 1500 and the Robert J. H. Kiphuth Award as men's high-point winner.

The next world record to fall was the men's 200 meter individual medley, toppled by Bill Barrett in Friday's preliminary rounds. Barrett admitted to going out with the intention of breaking the mark in prelims. He shaved five-hundredths off Jesse Vassallo's global standard, turning in a 2:03.24. Caulkins captured her fourth gold of the meet as she touched in 2:14.64, bettering her 1980 Indoor meet record of 2:14.73.

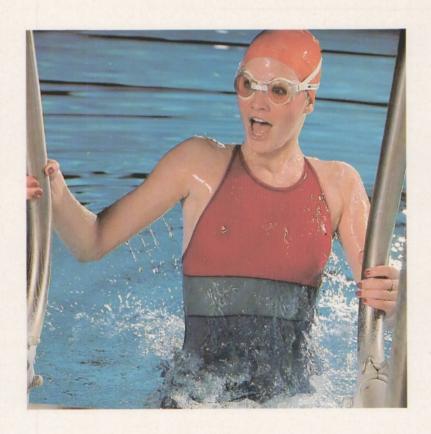
Later that evening the Cincinnati Pepsi Marlins' team of Mary T., Lisa Buese, Diane Johannigman and Stephanie Elkins combined to knock more than a full second off the American, U.S. Open and American Club record in the 800 free relay, going 8:13.07. They bettered Longhorn's previous world best in this non-Olympic event.

The final determination of the overall victorious clubs came down to the final event of the meet, the men's and women's 400 meter medley relay. The Cincinnati Pepsi Marlins clinched the women's and combined awards as they captured first and third in the women's race. As the FAST men turned in a third place showing behind Dr. Pepper and Longhorn, they managed to tie the Mission Viejo team at 345 points for a share of the championship.

Cincinnati coach Dennis Pursley was ecstatic at his team's victory. "It's the biggest thrill I've ever had. We're an exceptionally close team—everyone pulls for one another. We hoped for a shot at the title and things just worked out great." (Maybe too well for Pursley, who showed up at the Olympic luncheon on Sunday afternoon with a clean-shaven head, fulfilling a promise if the team captured the combined title.) It was the second straight title for the women and the first for the Cincinnati team.

Individual high-point victors were a repeat from 1980 Indoors as Caulkins and Bruner each earned their share of the Robert Kiphuth Award. Bruner closed out his career with his best year ever, five national championships. Caulkins, the queen of American swimming, collected her eighth straight Kiphuth as well as running her total of national championships to 27, three shy of Ann Curtis' mark of 30.

Special guest of honor for the 100 butterfly finals on Saturday evening was former California Governor Ronald Reagan and his wife Nancy. Reagan presented the finalists with their medals and delivered a short speech to the Olympians, honoring them for the sacrifice they made in regards to the



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United States boycott of the Moscow Games.

Reagan made mention of the fact that he was a swimmer at Eureka College "five or six years ago" and he was honored by the chance to present awards to people who compete in a sport in which he has, at one time, participated himself.

Following Saturday's last race the 46 Olympians lined up along the side of the pool and received commemorative medals from Col. F. Don Miller, executive director of the United States Olympic Committee. As each swimmer was announced and Miller made the presentation, an aerial fireworks display lit the sky, honoring meet, American and world record setters.

Following the awards and fireworks, Miller praised the swimmers "for their many hours of selfless dedication spent in pursuit of excellence in the sport of swimming.

"When the USOC made the decision in April to not participate, it resulted in many broken dreams and aspirations, heartaches, frustration and confusion among amateur athletes. You are to be complimented," he told the Olympians, "for the dignified manner in which you conducted yourselves during the crisis. You have the opportunity to leave a legacy to the future of amateur athletics in this country.

"I am confident that by your reactions and contributions you will do much to motivate other amateur athletes. And in 1984, here in Los Angeles, the world will see the finest Olympic team in the history of United States swimming," Miller concluded.

Following Miller's statement Ross Wales, president of U.S. Swimming, read a telegram from President Jimmy Carter. In part it read, "The swimmers at Nationals deserve special credit for

their world records bettering many Moscow times. They carry on a long tradition of swimming excellence and I look forward to meeting them at the White House luncheon on Tuesday."

At a luncheon in the Beverly Hills Hotel honoring the Olympians on Sunday (sponsored by Minute Maid and Speedo International) George Haines, 1980 Olympic coach, offered his congratulations to the Olympians whom he identified as "the would've-been people on the would've-been team to the whatcould-have-been Games.

"I know what you athletes went through, and I congratulate you for coming back and swimming the way you did," Haines said. "With the experience of seeing previous Olympic teams I can say that with the four-week training camp scheduled we would have seen some even greater swims over at Moscow."

Following the Trials, the U.S. Olympic swimming team prepared for outfitting by the people of Levi Strauss prior to their three-day trip to Washington, D.C., for recognition by the President. Afterwards, 22 swimmers headed for a China tour and another 74 went to Hawaii for competition with swimmers from Canada, New Zealand and Japan.

As with any major undertaking utilizing time and people, many individuals worked behind the scenes for long hours planning, executing and following up a myriad of details. The 1980 Outdoor Nationals were no exception. The people of Irvine Aquatics—president Sharon Meredith, meet coordinators Milt Dahl and Bill Roberts and publicity manager Mike Stockstill of the Irvine Company—as well as Randy Hart of the U.S. Swimming office, worked for the good of the meet and with the best interests of

the senior swimmers of the United States at heart. They are to be commended for their work.

Without financial backing, any undertaking would definitely flounder before it had a chance to start. The people of Phillips 66 have continued their support of swimming through the travel reimbursement program. Arena, USA, Inc., and Pepsi-Cola provided funds to help purchase the Colorado Timing Systems equipment used at the meet. Hewlett-Packard provided computers for seeding and results and Xerox provided the machines necessary for the xerographic duplicating needed to disseminate information to the press and spectators.

Sea World parks provided the fireworks for Saturday's closing ceremony. The Irvine Company donated time and management personnel to assist in running the meet, as well as funds. Additionally, the local rock group Air Tricks and the United States Marine Band from nearby El Toro Marine Air Station provided music for the nightly awards ceremonies.

And now, after the last race has been swum, the last comparison with Moscow times made, but not the last tear shed for missed opportunities to prove oneself the best in the world, we bid farewell to that which was the 1980 Olympic Games, the XXII Olympiad, and look forward to 1984 and Los Angeles.

As we lay to rest that oft-used term "boycott," the sacrifices of America's amateur athletes will now take their place upon the pages of history, where time will grant perspective to the meanings and values of such actions. Take heed, though, in the words of philosopher-humanist William James, who said, "Effort is the one strictly underived and original contribution we make to this world."

SWIMMERS FOR CHINA TRIP (Aug. 7-21)

WOMEN Terri Baxter . . Nancy Hogshead... Florida Aquatics Linda Jezek , Cardinal Libby Kinkead Karin LaBerge Germantown Marybeth Linzmeier ... Mission Viejo Mary T. Meagher . . Cin. Pepsi MarlinsZwicker Sue Walsh Cynthia Woodhead Unat. Steve Barnicoat Mission Viejo Craig Beardsley Florida Aquatics Mike Bruner..... Rowdy Galnes . , . . . Florida Aquatics Brian Goodell Mission Viejo Steve Lundquist . . . Glenn Mills Cin. Pepsi Marlins John Moffet Beach William Paulus. Peter Rocca . . Concord-Pleasant Hill John Simons Cardinal

SWIMMERS FOR HAWAII TRIP (Aug. 5-18)

W	OMEN	
Ki	m Alsobrook	Mission Viejo
		Mission Viejo
		North Baltimore
		Florida Aquatics
		Norwin
		Cin. Pepsi Marlins
		o Unat.
		Cin. Pepsi Mariins
		Best Blue
		Dynamo
		Longhorn
		K.C. Orchards
		Mission Viejo
		Unat.
		Pittsburgh
		, Longhorn
		nan Cin, Pepsi Marlin
		Florida Aquatics
		Unat.
		Bartow Flyers
		Longhorn
		Chapel Hill Y
	ibilia i apa	

Betsy Rapp	Starlit
	Starlit
	n Cin. Pepsi Marlins
Kathy Smith	: Bellevue Eastside
Heather Strang	Greater Lansing
Susie Thayer	Bartow Flyers
Linda Thompson.	Ariz. Desert Fox
	Florida Aquatics
	Santa Barbara
	Anoka Blaine
	Stingray
	North Baltimore

Polly Winde	North Baltimore
MEN	
Bill Barrett	. Cin. Pepsi Marlins
	New Haven
	Dr. Pepper
	Walnut Creek
	. Athletes-in-Action
	Starlit
	Cardinal
	Badger
	De Anza
	Florida Aquatics
	Rend
	Badger Dolphin
	Arden Hills

Billy Forrester	Florida Aquatics
Matt Gribble	Hurricane
Bobby Hackett	Bernal's Gators
	. Cin. Pepsi Marlins
	Conquistador
Jim Johnson Co	oncord-Pleasant Hill
	Longhorn
Greg Kraus	Dr. Pepper
David Larson	Florida Aquatics
	Walnut Creek
	Stingray
Kent Martin	Longhorn
	Dr. Pepper
	Conquistador
	Dad's Club
	Industry Hills
	ncord-Pleasant Hill
	Longhorn
	Joliet Y
Steve Smith	Florida Aquatics
	Mission Viejo
Richard Thornton	Concord-Plant, Hill
Todd Trowbridge.	Concord-Pisnt, Hill
Jesse Vassallo	Mission Viejo
Bari Weick	Conquistador
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U.S OLYMPIC TRIALS

Women's Events

KYM LINEHAN, LONGHORN (TRIPLE FREESTYLE CHAMPION)



Mary T. Meagher, 15, of the Cincinnati Pepsi Marlins, was the lone female world record holder, setting a new mark in the 200 fly.

True, there's no place like Moscow. Then again, there are no swimmers quite like the American athletes.

Editor's Note: The following coverage of the women's and men's events at the U.S. Nationals-Olympic Trials was written by the Swimming World staff. Our reporters wrote the following stories:

Bill Bell: women's 400 free, 1500 free, 100 breast, 100 fly; men's 100 free, 200 back, 200 breast, 200 IM.

Chris Georges: women's and men's relays.

Dave Hamilton: women's 800 free, 100 back, 200 fly; men's 200 free, 100 breast, 400 IM.

Ann Ingram: women's 100 free, 200 free, 200 back, 200 breast; men's 50 free, 1500 free, 100 back, 100 fly.

Bob Ingram: women's 50 free, 200 IM, 400 IM; men's 400 free, 800 free, 200 fly.

Both color and black-and-white photography was supplied by Chris Georges.

50 Free

WORLD BEST, AMERICAN, U.S. OPEN RECORD AND 1980 U.S. INDOOR CHAMPION	
Jill Sterkel, Longhorn, 1980	25.96
DEFENDING OUTDOOR NATIONAL CHAMPION	
Event not held last year	
1980 U.S. OUTDOOR NATIONAL FINALISTS (July 29)	
Jill Sterkel, 18, Longhorn	26.21
Susie Thayer, 17, Bartow Flyers	26.40
Heather Strang, 13, Greater Lansing	26.46
Sue Habernigg, 16, Mission Viejo	26.48
Annie Lett, 18, Bartow Flyers	26.73
Diane Wallner, 16, Anoka Blaine	26.79
Amy Pless, 17, Chapel Hill Y	26.80
Laurie Lehner, 22, Unat.	26.96

You can take away the Olympics from U.S. swimmers, but you can't take away Jill Sterkel's claim as the fastest woman in water.

Translated, you can't take the 50 free away from Longhorn Aquatics' world record holder.

The 50 free has been a scheduled event now at the U.S. Nationals two times.

The 18-year-old Sterkel has won it twice. In April at Austin, Jill set a world record in the event (although not recognized by FINA) in 25.96. In July at Irvine, Jill defended her title with a 26.21 victory over Susie Thayer, 26.40, and Heather Strang, 26.46.

Both of Jill's times are the two fastest performances in the world.

"I feel a little pressure in the 50," Sterkel commented after-

66 Swimming World/August

wards, "because people expect a lot from me. I haven't been beaten yet."

Jill was the fourth qualifier in the prelims at 26.57, while eventual runner-up Thayer, 17, of the Bartow Flyers qualified first at 26.32.

Interestingly, since Sue Walsh scratched from the finals of the 50 to concentrate on the 200 back, which was swum the same day, Greater Lansing's Heather Strang, only 13, won a swim-off and moved up to the finals. By finishing third, the youngster made the most of her first-ever swim at Senior Nationals.

"In the 50, you have to concentrate on everything," shared Sterkel. "If you mess up on one thing, you can lose the race. It's just an all-out swim. Once you hit the water, you just got to go."

In the morning, Sterkel felt her turnover was a bit slow, as if she were swimming a 200 free rather than a 50.

"During warmup tonight, I was trying to get it right," Sterkel said. "My stroke felt good.

"You just try to turn your arms over as fast as you can. The strength is there. And the faster you turn your arms, the faster you'll go."

But Sterkel was hoping to go a bit faster. Asked about her goal time, she giggled, "I was a little off."

In breaking down the 50 (if a true sprint can be broken down) Jill explained, "I got off the blocks and got up in the water pretty good. I reached my speed about halfway.

"From there, however, you have to maintain that speed. You just have to loosen it up and ride with it. Instead, I kept turning over *too* fast."

But Jill keeps things in perspective. It's nice to win, but the 100 free means more to her because not everybody in the world swims the 50. It's more of a fun event.

And how fast can she go in the 50?

"There's a lot more there," she says. "A 25-low is not out of the question."

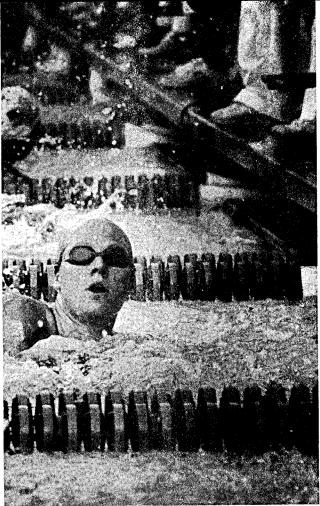
100 Free

WORLD RECORD Barbara Krause, DDR, 1980	26.81	54.79
AMERICAN AND U.S. OPEN RECORD Cynthia Woodhead, USA, 1979	27.33	55.63
U.S. INDOOR NATIONAL CHAMPION JIII Sterkel, Longhorn DEFENDING OUTDOOR NATIONAL CHAMPION		56.12
Cynthia Woodhead, Riverside 1980 MOSCOW OLYMPIC MEDALISTS		56.29
Barbara Krause, DDR		54.79
Caren Metschuk, DDR		55.16
Ines Diers, DDR	•	55.65
1980 U.S. OUTDOOR NATIONAL FINALIST(July 30)		•
Cynthia Woodhead, 16, Unat.		56.57
		56.61
Jill Sterkel, 18, Longhorn Aquatics		56.81
Susie Thayer, 17, Bartow Flyers		56.99
Marybeth Linzmeier, 17, Mission Viejo		57.19
Sue Habernigg, 16, Mission Viejo		57.13
Lisa Buese, 17, Cincinnati Pepsi Marlins		57.88
Stephanie Elkins, 17, Cincinnati Pepsi Marlins		
Heather Strang, 13, Greater Lansing		58.41

Sometimes things just don't go the way you would expect them to. Case in point: Sippy Woodhead and sprinting.

"When I was younger," remembers the 16 year old freestyle ace, "I trained a lot of distance so I really had a background and a sense of pace. I wanted to do the sprints and my coach said I was too short. And that," she adds with a grin, "made me want to do it more than ever. Finally in '78 I started sprinting really well."

That Cynthia Woodhead can handle a sprint race is common knowledge, as evidenced by her winning performance on Wednesday night. But earlier that day before her preliminary heat, she needed a little reinforcement of that fact. Sippy, who gave Kim Linehan quite a race for the title before finishing second in the 800 free race the night before, was feeling the effects of trying to switch gears from a distance event to a sprint that morning before her heat. She also confessed a dehydrated feeling from the high temperatures at Irvine. "I felt like dirt this



Longhorn's Jill Sterkel was the first to touch in the 50 free.

morning when I was getting ready for my heat. I was kinda down. Usually I can go 26.6 or 26.8 from a dive, but this morning I was going 28.8s before my swim. My coach just said, 'You've just got to get through the morning.'

Sippy "got through" okay—if you can call being the top qualifier just "getting by." Her 56.53 placed her fifth in the world for 1980.

Recalling her approach to the night's race, "I knew I had to get going right at the beginning. It felt really good except for the last 10 meters, then I had to suffer the consequences of going out hard. I really had to reach for the wall." Setting the pace with Sippy early in the race was Susie Thayer, who split 26.98 just ahead of Sippy's 27.08, with the rest of the field close behind. But Sterkel caught and passed the 17-year-old Thayer, taking second behind Sippy, 56.61 to the winning 56.57. Thayer held on for third (56.81), ahead of Marybeth Linzmeier's 56.99 to round out the honorary Olympic team.

Most of the girls, however, confessed some disappointment at the speed of the event, in that the medal-taking times of the DDR trio at Moscow were all faster, impressively led by Barbara Krause's 54.79 world record. No one really had an answer for why the times had not improved more over the prelim swims, but that wasn't something Sippy was too concerned over. "I was a little disappointed, but I didn't really give a lot of thought to beating the DDR times. A head-to-head race is totally different, and you can't really tell what would have happened. I just wanted to go out and swim my best race. Doing my best was what I had uppermost in my mind."

Another girl intent on doing her best that night was the youngster of the finals—13-year-old Heather Strang of Greater Lansing who had set a Junior National record in this event just three months earlier. Strang qualified eighth and finished in the same position, showing her best time—a 57.51—in the prelims, a very impressive performance in her first Senior Nationals.

200 Free

WORLD, AMERICAN AND U.S. OPEN RECORD				
Cynthia Woodhead, USA, 1979	28.13	58.31	1:28.38	1:58.23
1980 U.S. INDOOR CHAMPION				
Marybeth Linzmeier, Mission Viejo	28.56	58.57	1:29.27	2:00.21
DEFENDING OUTDOOR NATIONAL CHAMPION			*	
Cynthia Woodhead, Riverside		58.6		1:59.36
1980 MOSCOW OLYMPIC MEDALISTS				
Barbara Krause, DDR				1:58.33
Ines Diers, DDR				1:59.64
Carmela Schmidt, DDR				2:01.44
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug.	1)			
Cynthia Woodhead, 16, Unat.		58.4		1:59.44
Marybeth Linzmeier, 17, Mission Viejo		59.2		2:01.02
Mary T. Meagher, 15, Cin. Pepsi Marlins		1:00.1		2:01.45
Kym Linehan, 17, Longhorn Aquatics		1:00.0	200	2:01.80
Stephanie Elkins, 17, Cin. Pepsi Marlins		59.4		2:01.94
Lisa Buese, 17, Cin. Pepsi Marlins		1:00.2		2:03.22
Michelle Amen, 15, Mission Viejo		1:00.3		2:04.41
Gwen Cross, 17, Best Blue		1:00.0		2:04.47

On the week of the Olympic swimming competition in Moscow, the television didn't get a lot of attention from Sippy Woodhead . . . that is, not until Thursday, July 24. "To tell you the truth, I really didn't pay that much attention to the times. They play their game and we play ours. But," she hastily added, "I did watch my record and was really happy to see it didn't get broken!"

Sippy had good reason to watch, for Barbara Krause's winning time in Moscow, a 1:58.33, was just a tenth of a second shy of the mark Sippy swam during the FINA Cup in Tokyo last year. And Sippy would have liked to have been the one to improve on her own time in 1980. "I've been training really well for my 200, and I warmed up pretty good tonight, so I thought I'd swim faster. It's just not as intense here as it would have been head-to-head with Krause at Moscow. Trying to beat a time is never the same," she admitted following her 1:59.44 that ran away with the women's 200 title Friday night. "But," she quickly interjected, "I'm really happy with the win."

Sippy had a lot of things to be happy about on Friday night. The victory marked her second win of the Nationals, backing up her 100 free win opening night. And she had given Kym Linehan of Longhorn a real run for the money before losing close races in the 400 and 800 freestyle. "One of my goals was to try to make the Olympic team in all the freestyle events possible, and I did that so I'm pretty happy. In the 400 I went faster than I have gone in two years," she added.

It's been a summer of overcoming for the 16-year-old high school junior. After fighting motivation problems for several months after the boycott was announced, she wasn't really able to bounce out of her frustration until June. It was then, following her decision to move north to Cupertino to train at De Anza, that she really brightened up. Being on a team with other world class swimmers was important to Sippy, and the combined coaching efforts of a visiting Bill Rose, along with Skip Kenney and Cardinal's Claudia Thomas, gave her a change of pace that was like an Olympic training camp to her. She thinks the world of Linda Jezek's family which put her up for the summer and made for a lot of good times. I'm back into swimming now," she affirmed with a grin, "and I'm really enjoying it a lot more, just like it's a new sport."

Sippy led the race from the start and was never even approached, splitting a 28.14 at the 50 with Elkins in tow (28.68) and Linehan turning at 29.16. Woodhead's split was a hundredth of a second ahead of her world record pace, and when she turned with a three-quarters length lead over the field at the 100, her 58.39 was still ahead.

And then it happened. "It just wasn't there with my third 50. I just couldn't get my pace." And her split at 150 showed, as her 1:28.9 was a half-second behind her record split. When her third 50 was split in 30 seconds flat during her record swim, Sippy lost too much ground with a 30.6 split to catch her time in the final 50 meters. She swam her final length in 30.5.

The race that shaped up in her wake, however, was a lot closer. At 100 meters, Linzmeier had pulled into second (59.2) ahead of Elkins' 59.4. Meagher was the fifth to turn at the halfway point in 1:00.1. In the final 100 meters, though, Meagher made up the gap to pass all but Linzmeier, the defending Indoor champion who doggedly held on for second (2:01.02) to Meagher's 2:01.45. Linehan was fourth at 2:01.80, edging Elkins' 2:01.94.

400 Free

WORLD RECORD						
Tracey Wickham, AUS, 1978	1:01.16	2:04.11	3:05.58	4:06.28		
AMERICAN AND U.S. OPEN RECORD						
Kym Linehan, Unat., 1979	1:00.37	2:03.09	3:05.51	4:07.12		
1980 U.S. INDOOR CHAMPION						
Kym Linehan, Longhorn	1:01.01	2:04.15	3:07.38	4:09.58		
DEFENDING OUTDOOR NATIONAL CHAMPION						
Cynthia Woodhead, Riverside	59.4	2:01.9	3:05.3	4:09.59		
1980 MOSCOW OLYMPIC FINALISTS						
Ines Diers, DDR				4:08.76		
Petra Schneider, DDR				4:09.16		
Carmela Schmidt, DDR				4:10.86		
1980 U.S. INDOOR NATIONAL FINALISTS (July 31)						
Kym Linehan, 17, Longhorn	1:01.0	2:04.2		4:07.77		
Cynthia Woodhead, 16, Unat.	1:00.9	2:03.5	3:06.6	4:08.17		
Stephanie Elkins, 17, Cin. Pepsi Marlins	1:01.3	2:04.7	3:08.1	4:11.58		
Marybeth Linzmeier, 17, Mission Viejo	1:00.5	2:03.8		4:11.92		
Karin LaBerge, 16, Germantown	1:01.9	2:06.1	3:10.7	4:14.18		
Linda Thompson, 17, AFOX	1:01.4	2:05.7	3:10.5	4:14.31		
Sherri Hanna, 18, Unat.	1:01.8	2:06.3	3:11.2	4:15.52		
Linda Irish, 16, Longhorn	1:01.4	2:06.7	3:11.9	4:17.94		

When Kym Linehan won the Women's International Cup meet 400 free way back last January in 4:07.84, just off her American record 4:07.12 from the previous year, little did she realize how good that effort really was.

For it survived as the world's fastest 400 free in 1980 through the Moscow Olympics (where East Germany's Ines Diers won in a Games record 4:08.76) and into the U.S. Nationals at Irvine, where Linehan chased down Sippy Woodhead in the final 30 meters to win with a 4:07.77.

Woodhead was runner-up in her second-best 400 ever (4:08.17) while Cincy Pepsi's Stephanie Elkins took home the bronze (4:11.58), a time that surpasses her career best of 4:13.81 by over two seconds.

On an evening replete with close finishes and exciting races the women's 400 free fit the bill on both counts. Woodhead led for nearly the entire race, but coming off the last wall, Linehan shifted into high gear and moweddown her erstwhile rival with a tremendous display of guts and stamina.

When asked after her race why she didn't get her American record, she observed politely that she would have, had the race been at her home pool—Austin's Texas Swimming Center.

"I think we would have been a lot faster at Austin and I think they should have moved the Nationals there. This is a nice facility (Irvine) but ours is much faster."

Linehan swam a textbook-perfect negative split race to haul in Woodhead. Her first 100 was a 1:00.50 while her second was a 1:03.66 for a 2:04.16 initial 200 meters. Woodhead, meanwhile, was out in 2:03.52 and Linehan appeared to be "history."

But the University of Texas freshman-to-be closed the gap on her third 100 and at 300 meters trailed Woodhead, 3:06.58-3:07.00. At 350 meters Woodhead still led (3:37.24-3:37.86) but Linehan was picking up speed. With some 25 meters to go she switched to a six-beat kick ("I told myself start using those legs," she laughed afterwards) and overhauled Sippy about 10 meters from the wall. She stroked furiously home in a 1:00.77 final 100 for 200 splits of 2:04.16-2:03.61. Woodhead was out in 2:03.52, back in 2:04.65.

Longhorn Coach Paul Bergen, in analyzing the race, said he thought Woodhead "jumped on her third 100 a bit too much instead of building it" and this might have been her demise.

Linehan's 4:07.77 is the sixth-fastest performance on the alltime world list and fourth on the American list. She now has four of the top six performances all-time world.



Linda Jezek was back on top in back.

800 Free

WORLD RECORD					
Tracey Wickham, Australia, 1978	1:02.55	2:06.35	3:10.12	4:14.00	
Tracey Wickitam, Additional, 1979	5:17.33	6:20.19	7:22.67	8:24.62	
AMERICAN AND U.S. OPEN RECORD					
AND DEFENDING OUTDOOR CHAMPION					
Kym Linehan, Longhorn, 1979	1:01.2	2:04.2	3:07.4	4:11.1	
	5:14.5	6:18.2	7:22.1	8:24.70	
1980 U.S. INDOOR CHAMPION					
Kym Linehan, Longhorn	1:01.51	2:05.40	3:09.48		
	5:17.33	6:21.03	7:25.18	8:27.82	
1980 MOSCOW OLYMPIC MEDALISTS					
Michelle Ford, AUS				8:28.90	
Ines Diers, DDR				8:32.55	
Heike Dahne, DDR				8:33.48	
1980 U.S. OUTDOOR NATIONAL FINALISTS (July	29)				
Kym Linehan, 17, Longhorn	1:02.3		3:10.2		
	5:18.4				
Cynthia Woodhead, 16, Unat.	1:02.2				
	5:18.3				
Marybeth Linzmeier, 17, Mission Viejo	1:01.7				
	5:18.8	6:23.4	7:28.0		
Sherri Hanna, 18, Unat.				8:37.13	
Stephanie Elkins, 17, Cincinnati Pepsi Marlins				8:39.48	
Karin La Berge, 16, Germantown				8:39.53	
Laura Campuzano, 16, Unat.				8:42.51	
Linda Irish, 16, Longhorn				8:44.84	

In an 800 freestyle race held against the clock as much as against the seven other swimmers, Kym Linehan wrapped up her fourth-straight National Championship with a time of 8:27.86, more than three full seconds behind her American record pace from 1979 Outdoors in Fort Lauderdale (8:24.70) as well as Tracey Wickham's 8:24.62 world mark. In the race against the clock and Moscow final times, Linehan managed to better Aussie Michelle Ford's gold medal time of 8:28.90.

"For some reason I just felt real slow tonight," Linehan explained. "I looked at the clock at the end of my first 100 meters and questioned in my mind whether I would be able to break the record tonight. When I looked up and saw my 400 split (4:14.1), I knew I needed to come back really strong.

"It's hard to understand, since I've had one of my hardest summer of workouts ever," she explained. "I've been doing sets and intervals I never dreamed I'd be capable of doing."

Linehan was matched stroke for stroke by 16-year-old Cynthia Woodhead, who is swimming with Skip Kenney's De Anza club this summer, and Marybeth Linzmeier of the Mission Viejo Nadadores. The three girls finished the first 500 meters in 5:18.4, 5:18.3 and 5:18.8, respectively. By the 700 meter turn, though, Linzmeier was an arm's length behind the leaders. Woodhead finished in 8:30.35 and Linzmeier touched in 8:32.68.

Sherri Hanna, unattached, but swimming at Mission Viejo this summer, finished back of Linzmeier, with a time of 8:37.13. Stephanie Elkins of Cincinnati Pepsi Marlins arrived with 8:39.48 elapsed, and Karin LaBerge of Germantown Academy touched right behind Elkins (8:39.53).

Unattached Laura Campuzano, swimming with Industry Hills (Calif.), swam a personal best 8:42.51 in the prelims, which was good enough to take home the seventh-place award. Linda Irish of Longhorn Aquatics was a tick of the clock behind her, touching in 8:44.84.

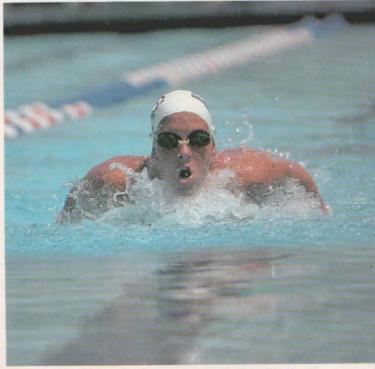
1500 Free

WORLD, AMERICAN AND U.S. OPEN RECORD AND DEFENDING OUTDOOR NATIONAL CHA	
Kym Linehan, Longhorn, 1979	1:02.1 2:06.7 3:11.5 4:16.1
Kym Linenan, Longhorn, 1979	5:20.8 6:25.5 7:30.2 8:34.9
	9:39.6 10:44.2 11:48.6 12:53.2
	13:57.3 15:01.616:04.49
u. u.noon outernou	13.57.3 15.01.010.04.48
1980 U.S. INDOOR CHAMPION	1 00 05 0 00 00 0 11 01 116 70
Kym Linehan, Longhorn	1:02.05 2:06.98 3:11.91 4:16.72
	5:21.59 6:26.50 7:31.78 8:36.94
	9:42.2510:47.7411:53.0612:58.76
	14:04.6515:10.9016:15.56
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug. 2)
Kym Linehan, 17, Longhorn	1:02.50 2:07.42 3:12.42 4:17.39
	5:22.58 6:28.17 7:33.54 8:39.03
	9:44.8810:50.6611:56.7613:03.36
	14:09.7615:16.9416:21.74
Marybeth Linzmeier, 16, Mis. Viejo	1:03.05 2:08.49 3:13.78 4:19.29
	5:24.85 6:30.12 7:36.60 8:42.74
	9:48.84 10:55.35 12:02.08 13:08.94
	14:15.9815:22.8816:29.76
Karin LaBerge, 16, Germantown	1:03.58 2:09.36 3:15.48 4:21.70
Hami Laberge, 191 Golmania	5:28.21 6:34.57 7:40.73 8:47.12
	9:53.5911:00.1812:06.9813:13.59
	14:20.3215:26.8616:32.14
Linda Irish, 16, Longhorn	16:34.80
	16:40.04
Laura Campuzano, 16, Unat.	16:43.02
Linda Thompson, 17, AFOX	16:46.90
Eney Jones, 19, Florida	16:47.50
Sherri Hanna, Unat.	10.47.30

Longhorn Aquatics' Kym Linehan is rapidly becoming the greatest American women's distance freestyler since Arden Hills' Debbie Meyer was rolling to victory after victory and record after record a decade earlier.

Winner of three-consecutive 1500 free titles at the last three U.S. Swimming Championships (Fort Lauderdale, Austin and Irvine), Linehan has not lost a race at a distance longer than 500 yards in three years.

She breezed to a win in the "mile" at Irvine (16:21.74) Saturday evening in a race that had about as much drama as



Tracy Caulkins' four wins brought her career total to 27.

U.S WOMEN continued

watching paint dry after the initial couple of hundred meters.

Her closest competitor, Mission's Marybeth Linzmeier, was a half-second in arrears at 100 meters, a second-plus at 200 meters and about the same at 300. Linehan increased the margin to nearly two seconds (4:17.39-4:19.29) at 400 meters and it was a "piece of cake" from there on to the finish.

In all fairness to Linzmeier, however, it should be noted that she had had a rather severe case of mononucleosis earlier in the summer. Thus she was hardly the same Marybeth who chased Linehan stroke for stroke and meter for meter for some 1400 meters of last year's 1500 free at Lauderdale, when the latter set her current world and American record of 16:04.49. Linzmeier was second in that race just a few ticks behind.

At any rate, Linehan's win not only gave her three "mile" wins in a row over the last year but made her the first woman since Meyer (1967-70) to win back-to-back distance free championships. Linehan might well have made it four in a row in 1978 at The Woodlands but the distance race at that meet was an 800 free because that was the distance swum at the World Championships.

Perhaps the surprise of the race at Irvine was the third-place finisher, Germantown Aquatics Karin LaBerge, who went a career-best 16:32.14. Her previous best was a 16:51.31 from Austin last April which earned her 10th-place there and ranking spot No. 13 in the world's Top 25 prior to the Nationals.

Linehan has been tremendously consistent since her initial national title at The Woodlands. Last year she won the Indoor 1650 free at East L.A., gold medaled in the Pan-Ams in the 800 free, set an American record at Lauderdale in the 800 free and won the mile with a world record and won the FINA Cup 800 free. In 1980 she's tripled at Austin (400, 800, 1500) and done likewise at Irvine.

100 Back

WORLD RECORD	•	
Rica Reinisch, DDR, 1980	29.69	1:00.86
AMERICAN AND U.S. OPEN RECORD		
Linda Jezek, Mission Viejo, 1978	30.08	1:02.55
1980 U.S. INDOOR CHAMPION		
Sue Walsh, Zwicker	29.64	1:03.34
DEFENDING OUTDOOR NATIONAL CHAMPION		
Linda Jezek, Mission Viejo		1:03.12
1980 MOSCOW OLYMPIC MEDALISTS		
Rica Reinisch, DDR		1:00.86
Ina Kleber, DDR		1:02.07
Petra Riedel, DDR		1:02.64
1980 U.S. INDOOR NATIONAL FINALISTS (July 31)		
Linda Jezek, 20, Cardinal		1:03.16
Sue Walsh, 18, Zwicker		1:03.18
Kim Carlisle, 19, Cincinnati Pepsi Marlins		1:03.53
Libby Kinkead, 15, Foxcatcher		1:03.76
Theresa Andrews, 17, N. Baltimore		1:03.85
Joan Pennington, 20, Longhorn		1:04.03
Diane Johannigman, 21, Cincinnati Pepsi Martins		1:04.65
Darci Bodner, 15, Norwin	•	1:04.88

On an evening of split-second finishes and races decided by the hundredths-of-a-second, Linda Jezek of Cardinal Aquatics, the cagey veteran of the backstrokers, glided past Sue Walsh at the finish to garner a backstroke double at the Outdoor championships. Jezek's margin of victory was a scant two-hundredths of a second, 1:03.16 to 1:03.18. Jezek readily admitted that tonight's performance was not one of her better ones.

"I was pretty flat," she said, "although I am happy with the outcome. Claudia (Thomas, Cardinal coach) told me this morning that my touch in prelims was poor, so tonight I concentrated on keeping my head up for the touch. I couldn't see anyone else and didn't know who'd won until I looked at the clock."

Jezek confessed to feeling slightly under the weather—and blamed it on just that, the hot, humid streak which plagued the Outdoors.

"I really felt nauseous after prelims. It was a combination of 70 Swimming World/August

not eating breakfast and the heat. I've been losing weight since I've been here," she noted, "which isn't bad, but I'd rather not lose it at a major meet."

Walsh, an 18 year old who swims for Jeff Zwicker, could not duplicate her first-place finish from Indoors as she raced Jezek the length of the course, leaving the final decision to be made by the electronic judges.

Arriving just behind Walsh (1:03.53) was Kim Carlisle of Cincinnati Pepsi Marlins. The blonde Ohioan is a teammate of Jezek's at Stanford.

200 Back

WORLD RECORD				
Rica Reinisch, DDR, 1980	31.18	1:04.55	1:38.49	2:11.77
AMERICAN AND U.S. OPEN RECORD				
Linda Jezek, USA, 1978	30.94	1:04.22	1:37.61	2:11.93
1980 U.S. INDOOR CHAMPION				
Libby Kinkead, Foxcatcher		1:05.80		2:14.59
DEFENDING OUTDOOR NATIONAL CHAMPION				
Linda Jezek, Mission Viejo		1:05.7		2:14.27
1980 MOSCOW OLYMPIC MEDALISTS				
Rica Reinisch, DDR				2:11.77
Cornelia Polit, DDR				2:13.75
Birgit Treiber, DDR				2:14.14
1980 U.S. OUTDOOR NATIONAL FINALISTS (July 2	9)			,
Linda Jezek, 20, Cardinal Aquatics	*	1:05.5		2:14.52
Libby Kinkead, 15, Foxcatcher		1:07.5		2:15.65
Joan Pennington, 20, Longhorn Aquatics		1:06.3		2:16.22
Kim Carlisle, 19, Cincinnati Pepsi Marlins		1:05.6		2:16.39
Sue Walsh, 18, Zwicker Aquatics		1:06.7		2:16.85
Darci Bodner, 15, Norwin Aquatics		1:06.8		2:17.22
Dian Girard, 20, Longhorn Aquatics		1:06.9	*	2:17.94
Meg McCully, 20, St. Petersburg		1:06.8		2:20.85

Winning isn't everything.

Just ask Linda Jezek, Libby Kinkead and Joan Pennington—the top three finishers in the 200 back.

For Linda, it was good to be back in top form after a thyroid problem had slowed her down in April.

For Libby, the most important thing was making the U.S. Olympic team.

And for Joan, it was regaining her confidence and turning in her best time after some long and lingering effects of mono.

As it turned out, Jezek won the race but could not beat the gold medal-winning time from Moscow—a 2:11.77 by the DDR's Rica Reinish which had snatched away Jezek's 2:11.93 world record.

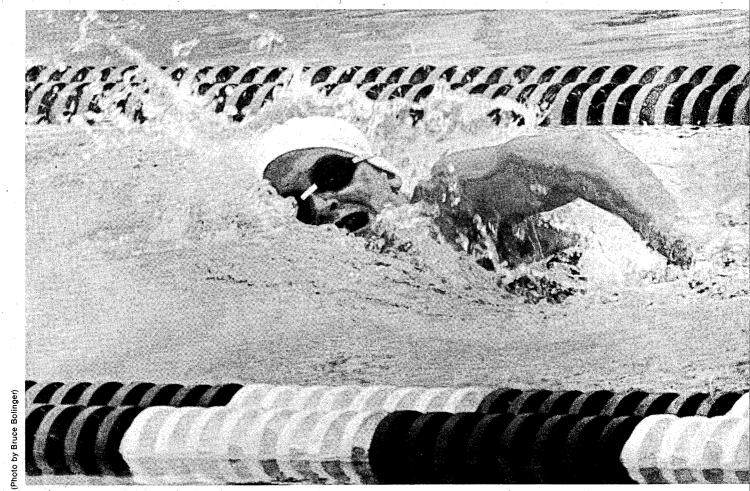
"I wanted to get my record back," Linda admitted following the finals, "but after talking things over with Claudia (Linda's coach, Claudia Kolb Thomas of Cardinal Aquatics), I'm not really disappointed. I'm pretty happy with the win. I am really satisfied after making some changes in my training."

The victory meant a great deal to Linda, who, as the six-time defending 200 back national champion, had broken her string at the 1980 Indoor Nationals. At Austin, Linda, struggling with reactions to some medication given for a thyroid problem, had given her all in prelims, only to qualify sixth for the finals in a 2:18.22. Because of her physical struggles, she decided to scratch the finals that day. So with her victory at Irvine, Jezek still had not been beaten in the finals of a 200 back at Nationals since the summer of 1976.

It was Jezek who led from the start, turning at 31.45, then 1:05.56. Close behind her at 1:05.64 was her collegiate teammate from Stanford, Kim Carlisle, representing the Cincinnati Pepsi Marlins. While Longhorn's Pennington turned third at 1:06.3 ahead of Sue Walsh (1:06.7), Foxcatcher's Libby Kinkead was the very last to turn, splitting 1:07.5. While Jezek maintained the lead for her 2:14.52 victory, Kinkead nearly matched her own first 100 with a 1:08.1 second half to take second at 2:15.65.

"I just hoped I'd be in the top three," Kinkead confided later with a smile. "Ever since I was little I've wanted to be a member of the Olympic team. When I go back home and the little kids ask, 'Did you make the team?' I can say 'Yes!' Even though we don't get to compete at the Olympics, I still think it's neat just to be an Olympian."

Another girl who was obviously pleased to be on the



Sippy Woodhead made the U.S. Olympic team in all four freestyle events—the 100-200-400-800.

honorary Olympic team was Joan Pennington. After shining in 1978, when she won the 100 fly for the United States during the World Championships, Joan had struggled through a bout with mono and its effects on the ensuing meets. "I lost confidence last year," she admitted. "But in the past year I've learned to let things help me rather than hurt me. Some people didn't really even think I'd make the finals. But this (her 2:16.22 finish) is my best time ever!"

100 Breast

WORLD RECORD		
Ute Geweniger, DDR, 1980	33.69	1:10.11
AMERICAN AND U.S. OPEN RECORD	•	
Tracy Caulkins, Nashville, 1980	33.60	1:10.65
U.S. INDOOR CHAMPION		
Tracy Caulkins, Nashville	33.45	1:11.34
DEFENDING OUTDOOR NATIONAL CHAMPION		
Torry Blazey, Florida		1:12.49
1980 MOSCOW OLYMPIC FINALISTS	~	
Ute Geweniger, DDR	33.79	1:10.22
Elvira Vasilkova, USSR	33.62	1:10.41
Susanne Nielsson, DEN	33.90	1:11.16
1980 U.S. OUTDOOR NATIONAL FINALISTS (July 29)		
Tracy Caulkins, 17, Nashville		1:10.40*
Terri Baxter, 15, Ladera Oaks		1:12.42
Susan Rapp, 15, Startit		1:12.93
Kim Rhodenbaugh, 14, Cincinnati Pepsi Marlins		1:12.97
Kathy Smith, 16, Bellevue Eastside		1:13.10
Patty Waters, 18, Stingray		1:13.57
Kathy Treible, 18, Florida		1:13.65
Kim Alsobrook, 14, Mission Viejo		1:13.80
		1.13.80
* American and U.S. Open Record		

Trite as it may seem, at least as far as the women's 100 meter breaststroke race is concerned in the United States, when you say Tracy Caulkins, you've said it all.

For the sixth time in the last eight national championship 100 breast races, Caulkins emerged victorious, splashing to an American record 1:10.40 at Irvine.

Her time bettered her domestic standard of 1:10.65 set last January during the Women's International Cup meet at Austin but fell short of the DDR's Ute Geweniger's 1:10.22 Moscow gold medal-winning performance. And it was threetenths off Geweniger's world record 1:10.11 from the Olympic prelims.

The last time Caulkins lost a 100 breast Nationals race was also in Southern California—during the 1977 Outdoor Nationals at Mission Viejo where she finished second to Canada's Robin Corsiglia.

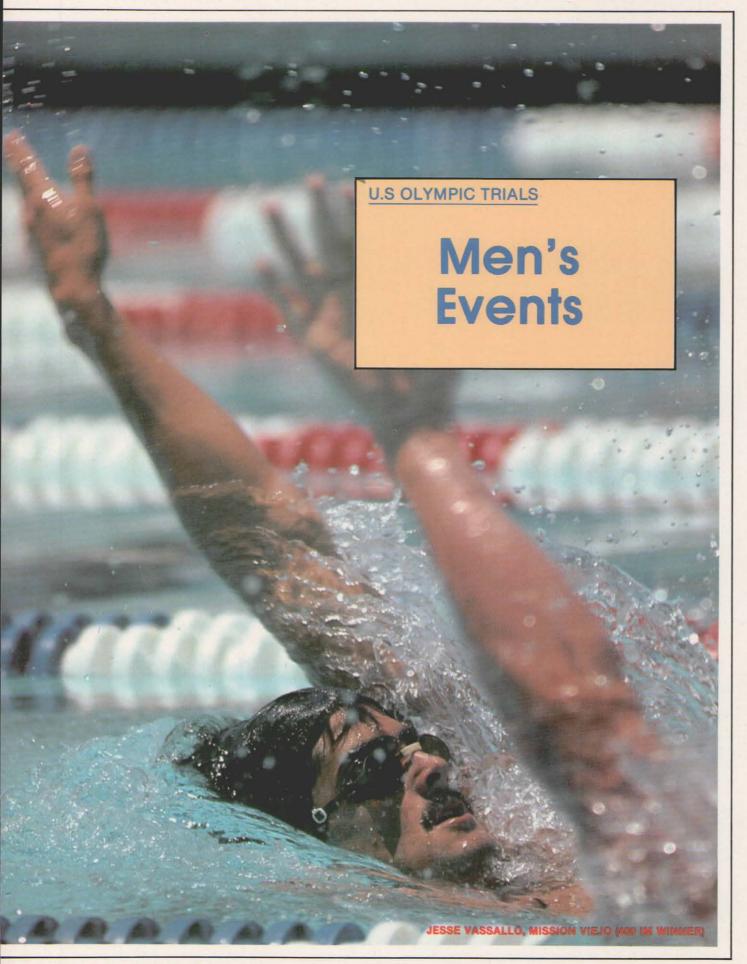
Interestingly, Tracy was out considerably faster at Irvine (33.03) for her initial 50 than Geweniger's 33.68 world record split.

Caulkins, however, simply was unable to bring it home fast enough for a world record. She gave it her best shot and the screaming, cheering crowd tried its best to ensure the global standard would tumble beneath the waves.

"The crowd really helped me that last 25 meters. I could hear all the cheering and I knew I was getting close to the record. I was hoping to go a little better—maybe a 1:10.1—but I'm pleased with my swim and with the win. I concentrated on building my first 50 and then getting home fast and my speed's obviously there. I just have to get home faster next time."

Caulkins had a quarter-second lead (33.03-33.25) on Ladera Oaks' Terri Baxter at the halfway mark and then, similar to Steve Lundquist, turned on the afterburner. She finished with a commanding two-second win over Baxter, who went a career-best 1:12.42. Her previous best was a 1:13.26 from this year's Indoor Nationals. Third was Starlit's Susan Rapp (1:12.93) which considerably betters her previous best of 1:14.61 from last year. Cincy Pepsi's promising 14-year-old Kim Rhodenbaugh finished a close fourth (1:12.97).

Continued on page 82



50 Free

	.83
1980 U.S INDOOR CHAMPION Gary Schatz, Longhorn 22 DEFENDING OUTDOOR NATIONAL CHAMPION	.86
Event not held last year 1980 U.S. OUTDOOR NATIONAL FINALISTS (July 29)	
200 20110111, 20, 11411141 212011	.07
	.14
David McCagg, 22, Unat. 23	.20
Boyd Crister, 19, Florida 23	.21
Rowdy Gaines, 19, Florida 23	.23
Scott Findorff, 24, Badger Dolphins 23	.34
Rick DeMont, 24, Unat. 23	.49
	.53

"I took a long last stroke. I was really stretching," is Joe Bottom's memory of his 50 free finish—the reach that earned him the title in 23.07. But the reach meant more to Bottom than just a victory—though that was no small reward in itself. The stretch showed that Joe had bridged the gap forced by a full-time workload with IBM...he had reached across the two-year span since last winning a national title... and he had broken into his own in winning his first-ever national freestyle title to boot.

Bottom, who climaxes 18 years of swimming this summer, was obviously pleased with his victory. "I'm really looking forward to going on a trip," he grinned. (His win earned him a spot on the USA national team which competes in Hawaii in mid-August, a trip during which Joe is looking forward to being joined by his wife, Lisa, who has relatives in the island state.)

Another reason for Joe to smile was his love for this particular event. In short course competition, in fact, no one has ever bettered the 19.70 he swam in winning the short course version of this event during his final NCAA meet for USC back in 1977 in Cleveland.

"The 50 is my favorite race," he admitted. "It's pure sprinting. It's just a great feeling when you're going as fast as you can and trying to hydroplane. It's yourself against yourself, a race of concentration and working on details."

Concentration helped Joe to win this race in more ways than one. He has been able to focus his attention much more on training since he stopped working on the first of March. "Indoors he wasn't really ready," shares Walnut Creek coach Mike Hastings, recalling the Austin Nationals last April when Joe made the 100 fly finals but couldn't do better than winning the consolation event in the free sprint race. "Joe has been training a lot harder and putting in a lot of strength training," explains Hastings. "He says he feels better than ever."

Joe's victory isn't the only thing Hastings had to be happy about, though. He's also very grateful for the positive influence Joe's presence has had on other members of the Northern California team. "Joe has a different perspective on winning," the coach shared. "It isn't the end all and be all to win. If it's not a good race, he thinks about how to improve on it. He draws this attitude from his religious beliefs, and his attitude is a good example to others."

Some of the "others" with whom Joe had to contend on this particular night added an interesting sidelight. This race, perhaps different from any other Nationals contest, was a race featuring the "old men" in the sport. With Bottom as the elder veteran at 25, the average age of the eight finalists was over 21 years. Among the oldest were a pair of 24 year olds: Rick DeMont (still swimming eight years after having a gold medal taken away from him at the Munich Olympics for a disqualification due to his asthma medication) and Bottom's former USC teammate, Scott Findorff.

Findorff, representing Badger Dolphins, had sported a morning qualifying time that was bettered only by Mission's Robin Leamy. Leamy's 23.01 was to be the day's fastest swim, though in the finals his 23.53 finish was only good enough for eighth place. Taking second in the finals, however, was Leamy's teammate at Mission, Jerry Spencer, in 23.14, with David McCagg, swimming unattached, third at 23.20.

100 Free

WORLD AND U.S. OPEN RECORD		
Jonty Skinner, SAF, 1976	23.83	49.44
AMERICAN AND 1980 U.S. INDOOR CHAMPION		
Rowdy Gaines, Florida Aquatics	23.84	49.61
DEFENDING OUTDOOR NATIONAL CHAMPION		
Rowdy Gaines, Florida Aquatics		50.77
1980 MOSCOW OLYMPIC FINALISTS		
Jorg Woithe, DDR		50.40
Pelle Holmertz, SWE		50.91
Per Johannson, SWE		51.29
1980 U.S. OUTDOOR NATIONAL FINALISTS (July 30)		
Rowdy Gaines, 21, Florida Aquatics		50.19
Chris Cavanaugh, 18, De Anza		50.26
Kris Kirchner, 21, Longhorn		51.21
Jim Montgomery, 25, Dr. Pepper		51.32
Greg Kraus, 22, Dr. Pepper		51.41
Gary Schatz, 25, Longhorn		51.52
Scott Findorff, 24, Badger Dolphin		51.57
Andy Schmidt, 18, Dads Club		51.66

For openers. . . let it be said at the outset that on the evening of July 30 at approximately 8:45 p.m., University of Alabama assistant coach Jonty Skinner breathed a very audible sigh of relief.

At that same time, of course, Florida Aquatics sprinter Rowdy Gaines slammed into the wall and lit up the scoreboard in 50.19 seconds for the men's 100 meter freestyle title, thus preserving Skinner's world and U.S. Open record of 49.44 from this same meet four years earlier.

Skinner was on the deck at Irvine the afternoon of the finals when Gaines had qualified first in an American record-tying 49.61, the same clocking he had achieved while winning the 100 free title at the U.S. Indoor Nationals in Austin four months earlier.

But Gaines' 49.61 at Irvine had been done in the heats when the temperature was about 110 in the shade and the humidity was at least that high. There was no doubt that given the cool of evening Skinner's momumental 100 record would finally be erased.

And to help ensure that erasure De Anza's Chris Cavanaugh, the quintessential sprinter-medleyist who had chased Gaines home at Austin in a sizzling 50.19 (history's fourth-fastest century) was next to Gaines in the finals off his 50.66 qualifying effort.

The packed throng was on its feet from the start of the race, thirsting for a world record. A false start by Cavanaugh heightened the tension.

Off they finally went and by 15 meters Gaines was flying on top of the water, reminiscent of his magnificent morning swim where he split his first 50 in 23.64. By comparison, Gaines was out in 23.84 at Austin and Skinner's unofficial split at Philadelphia was 23.83.

By 50 meters Gaines was like a runaway freight train speeding down the tracks. He hit the wall in 23.66, made a good turn, increased his lead on the pursuing Cavanaugh and



Joe Bottom won his first-ever Nationals freestyle title in the 50.

U.S MEN continued

seemed for all the world as if he would be home free.

Not quite. Instead of building his final 50 he "tightened up real bad" and there went the record. Gaines said afterwards he was "so tight I couldn't have gone any faster. At 75 meters I could sense Cavanaugh was gaining on me and I said to myself, 'there's no way this guy's gonna beat me,' and I got goin' again."

At the finish America's premier sprinter touched in 50.19 with Cavanaugh a tick behind at 50.26. Third was Longhorn's Kris Kircher (51.21) who in the heats swam a fine 50.74. In fact, in the prelims four men were under 51 and one under 50 (Gaines). In the finals only the winner and the runner-up finisher were under 51.0.

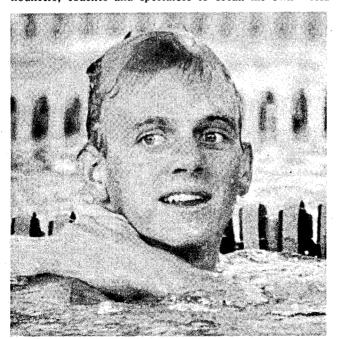
"I concentrated so much on breaking the (world) record tonight I almost forgot about winning, which is the name of the game," Gaines said. "When I went 49.6 this morning I eased up into the wall the last 15 meters but tonight I was fighting it all the way. If I'da known I was that close this morning I would have gone for it."

200 Free

WORLD, AMERICAN AND U.S. OPEN RECORD AND 1980 U.S. INDOOR CHAMPION				
Rowdy Gaines, Florida, 1980	25.03	52.52	1:20.92	1:49.16
DEFENDING OUTDOOR NATIONAL CHAMPION				
Rowdy Gaines, Florida		54.4	-	1:50.57
1980 MOSCOW OLYMPIC MEDALISTS				
Sergei Kopliakov, USSR				1:49.81
Andrey Krylov, USSR				1:50.76
Graeme Brewer, AUS				1:51.60
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug.	1)			
Rowdy Gaines, 21, Florida Aquatics		54.5		1:50.02
Richard Thornton, 21, Concord-Pleasant Hill		53.9		1:51.05
Billy Forrester, 22, Florida Aquatics		54.8		1:51.06
David Larson, 21, Florida Aquatics		54.4		1:51.79
Todd Trowbridge, 18, Concord-Pleasant Hill		. 54.1		1:52.28
Doug Northway, 25, Conquistador		54.3		1:52.29
Jim Montgomery, 25, Dr. Pepper		55.6		1:52.81
Bill O'Brien, 20, Dad's Club		55.4		1:52.85

"This was the strangest race in my life," Rowdy Gaines of Florida Aquatics said, referring to his 200 meter freestyle victory. "I was sitting behind the blocks prior to the race, thinking that this isn't Moscow, the records aren't that important and I just wanted to win. Then I got out really slow."

Gaines, who was admittedly being pressured by the announcers, coaches and spectators to break his own world



Rowdy Gaines is the fastest freestyler at 100 and 200 meters. **74** Swimming World/August

record in the 200 free, turned in a time of 1:50.02 in finals, almost a full second off his world standard of 1:49.16. He completed the first 100 meters in an uncharacteristically slow 54.5, trailing 21-year-old Richard Thornton, who split 53.9. Thornton swims for Concord-Pleasant Hill and Cal-Berkeley, both teams coached by his father, Nort Thornton.

Gaines' Florida teammate Billy Forrester was battling for second at the 100 mark, but had to settle for a third-place finish behind Thornton. The 22-year-old Floridian was outtouched at the pad, 1:51.05 to 1:51.06.

For those who keep track of such things, Gaines' time failed to better the Moscow gold medal victor's final (1:49.81 by Sergei Kopliakov, USSR), while surpassing the silver medal finisher. Both Thornton and Forrester managed to surpass the winning bronze medal time.

"Personally," Gaines said, "I only wanted to win. I don't usually look at the clock to compare time standards."

400 Free

WORLD RECORD				
Peter Szmidt, Canada, 1980	56.88	1:55.57	2:53.10	3:50.49
AMERICAN AND U.S. OPEN RECORD				
Brian Goodell, USA, 1977	56.11	1:55.59	2:53.80	3:51.56
1980 U.S. INDOOR CHAMPION				
Mike Bruner, Mesa Aquatics	56.61	1:55.27	2:53.87	3:52.24
DEFENDING OUTDOOR NATIONAL CHAMPION				
Brian Goodell, Mission Viejo	56.3	1:55.5	2:53.4	3:51.89
1980 MOSCOW OLYMPIC MEDALISTS				
Vladimir Salnikov, USSR				3:51.31
Andrey Krylov, USSR				3:53.24
Ivar Stukolkin, USSR				3:53.95
1980 U.S. OUTDOOR NATIONAL FINALISTS (July 3	31)			•
Mike Bruner, 24, Mesa Aquatics	56.72		2:54.42	
Brian Goodell, 21, Mission Viejo	55.88	1:54.88	2:54.05	3:52.99
Brian Roney, 20, Industry Hills	57.9	1:57.9	2:57.9	3:56.10
Tony Bartle, 22, New Haven	57.1	1:57.0		3:56.21
Bari Weick, 18, Conquistador	57.5	1:57.4	2:57.0	3:56.39
Kent Martin, 22, Longhorn	57.0			3:56.72
Bill O'Brien, 20, Dads Club	58.7	1:58.8	2:59.2	3:58.30
John Hillencamp, 21, Florida	57.0	1:57.7	2:59.6	4:02.48

Some 4,000 miles away from the U.S. Outdoor Nationals, world record holder Peter Szmidt was waiting in his family's Pointe Claire home in Canada for a phone call.

It took about half a ring. "I was just walking by," Szmidt told his informer, Dave Stubbs, a swimming reporter in Montreal.

The 18 year old who had just set his first world record two weeks earlier, had just learned his mark withstood the competition in Irvine at the U.S. Nationals.

"Grrreat!" was Szmidt's reaction. You could hear the tenseness in his voice and he was genuinely thrilled.

"After hearing what Mike Bruner and Brian Goodell did in the prelims, I thought they might push each other and the record might go," Szmidt said.

No, Mesa Aquatics' Mike Bruner nor Mission Viejo's Brian Goodell set a world record in the 400 free. But it was the 24-year-old Bruner who came from behind to beat the 21-year-old American record holder, Goodell, 3:52.19 to 3:52.99—the third and fourth fastest times in the world this year. Brian Roney, 20, of Industry Hills, was third at 3:56.10, also earning a spot on the U.S. Olympic team.

Bruner was just as thrilled as Szmidt.

"It was more important to me, in ending my career, to win the race," Bruner said. "That was my goal—just to make sure I won. I didn't want to end my career by losing.

"I just don't think I could handle it if I lost. I might have had to consider swimming another season . . . and I don't want to do that!"

It was an exciting race and it was a two-man race. Goodell took the early lead and led for about 375 meters. Both were under the world record split for 200 meters.

The most important aspect of Bruner's 400 was to swim his own race and not get caught up in swimming Goodell's race—something he thought he did when he finished second to Goodell in the 800 free two nights earlier.

"I don't like giving races away," Bruner told reporters.



Steve Lundquist came within two-hundredths of a second of the world record when he won the 100 breast.

"Last night, I did the best I could in the 200 fly (he finished second to Craig Beardsley). I did my lifetime best, but I was beaten by a better swimmer that night.

"In the 800, though, I don't think I did my best. I gave the race away. I swam Brian's race, not mine."

Goodell, who normally swims descending 100s, did not. He took it out in 55.88, a full second under the world record split, and his successive 100s were 59.00, 59.17 and 58.94.

With the primary goal of winning in mind, Bruner's strategy was "to go out hard and keep going and just sprint home as hard as I could.

"We changed everything for tonight. We had to play on my conditioning. I'm in the best shape I've ever been."

Coach Bill Rose and Bruner discussed Goodell's options of how he would swim the 400. "We felt there's only two ways Brian could swim it," Bruner analyzed. "One would be his regular way to bring it back hard. But we took odds that Brian wasn't in as good of shape as normal and figured he would take it out hard and try to throw everybody off."

Brian took it out hard, but he couldn't throw off Bruner.

"I was doing exactly what I felt I could do," Bruner said. "I just hoped my conditioning would win out in the end. I knew I was in better shape. I've been working all year long, and Brian's only had the summer to get ready for this meet.

"I had to swim the way I swim it. If I were going to lose, he had to beat me."

Bruner's conditioning brought home a gold medal. His splits were 56.72, 58.71, 58.99 and 57.77—the final 100 being a major factor in his win.

And Mike was happy, just a couple of days before he would bring a glorious swimming career to an end.

"For me, the most important thing is that I did my best in my last meet," he said. "I didn't want to go out knowing I spent a whole year trying for something, and then realizing I failed."

800 Free

56.8	1:56.4	2:55.8	3:54.6	
4:55.0	5:55.7	6:55.7	7:56.49	
R CHAMPION				
59.30	2:00.02	3:00.82	4:01.28	
5:01.20	6:01.16	7:00.92	7:59.85	
57.20	1:57.19	2:57.82	3:58.37	
4:58.98	5:59.78	7:00.61	8:01.54	
ION				
(July 29)				
58.06	1:59.51	3:00.05	4:00.59	
5:00.87	6:00.87	7:00.61	7:59.66*	
58.28	1:59.41	3:00.09	4:00.50	
5:01.27	6:01.62	7:01.44	8:00.06	
			8:06.60	
			8:06.85	
			8:07.28	
			8:07.46	
			8:08.04	
			8:09.24	
	59.30 5:01.20 57.20 4:58.98 FION (July 29) 58.06 5:00.87 58.28	4:55.0 5:55.7 R CHAMPION 59.30 2:00.02 5:01.20 6:01.16 57.20 1:57.19 4:58.98 5:59.78 PION (July 29) 58.06 1:59.51 5:00.87 6:00.87 58.28 1:59.41	4:55.0 5:55.7 6:55.7 6:55.7 R CHAMPION 59.30 2:00.02 3:00.82 5:01.20 6:01.16 7:00.92 4:58.98 5:59.78 7:00.61 7:00.87 6:00.87 7:00.61 56.28 1:59.41 3:00.09	4:55.0 5:55.7 6:55.7 7:56.49 R CHAMPION 59.30 2:00.02 3:00.82 4:01.28 5:01.20 6:01.16 7:00.92 7:59.85 57.20 1:57.19 2:57.82 3:58.37 4:58.98 5:59.78 7:00.61 8:01.54 PION (July 29) 58.06 1:59.51 3:00.05 4:00.59 5:00.87 6:00.87 7:00.617:59.66* 58.28 1:59.41 3:00.09 4:00.50 5:01.27 6:01.62 7:01.44 8:00.06 8:06.85 8:07.28 8:07.46 6:08.04

You wouldn't think that the movie, "Take Down," and Brian Goodell would have anything in common. But they do.

"Take Down" is a movie about high school wrestlers, you say. And Brian Goodell is a swimmer.

The similarity, though, is in *how* to win a match or a race. In "Take Down," one of the wrestlers would always get pinned by his opponents until . . . his secret weapon: the beat of disco music.

For Goodell, it's "Radar Love" by Golden Earring. Of course, the 21 year old from Mission Viejo has a bit of talent as well, but the music helps to psyche him up.

"It has a really good beat for distance swimming," Goodell admits. "It's an old song. I used it for my 1500 race at Montreal. I was feeling down a bit, listened to it and got going again.

"Every time I hear it, it gives me a tingle."

U.S MEN continued

Goodell listened to it before the men's 800 free on opening night.

Brian was moving his head back and forth, trying to explain the beat. "I sorta bounce to the beat and it gets me going."

The music (and his talent) were worth an American and U.S. Open record of 7:59.66 in an exciting race with 24-year-old

"It hasn't been the greatest summer for me," Goodell said. "I tried not to let the Olympic boycott bother me too much, but I just wasn't 'up' for too many meets and workouts. I was lacking in motivation."

But his 800 win helped pick him up.

"It boosted my confidence," he said. "I swam my race the way I wanted. It was almost perfect of what I wanted to do, although I wanted to be about three or four seconds faster."

Goodell explained: "I wanted to go out in 58-flat, and I did. I wanted to swim the next 100 in a minute, and I swam a 1:01, so that's where I fell off a bit.

"I wanted to build into the middle of my race. I wanted to negative split and descend each 100, and I did that. Each 100 got faster and my last 100 was 59-flat, which was what I wanted to do." The former American record holder, Bobby Hackett, 20, of Bernal's Gator, took the early lead as usual. By 400 meters, though, it was a two-man race between Goodell and Bruner with each exchanging leads.

"I almost got caught into racing Bruner," Goodell said afterwards, "but I said, 'Heck with it, I'll just swim my own race' at about the 400."

Goodell took the lead for good at 500 meters and stayed a half-body length ahead of Bruner until the final 25 meters when Bruner made a final surge.

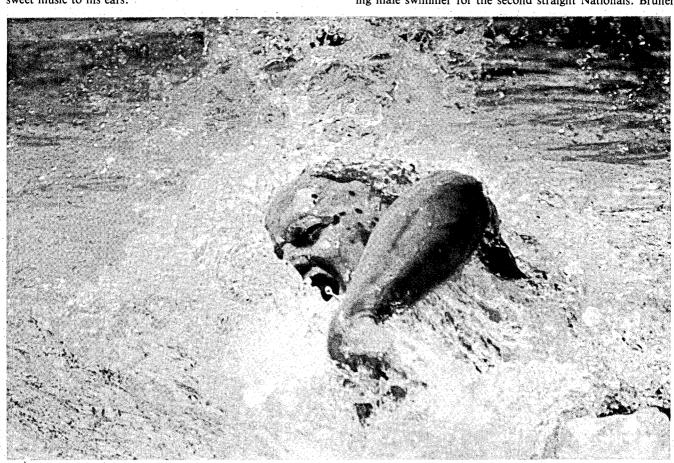
It was Goodell's first 800 freestyle victory at the U.S. Nationals. It was the world's fastest 800 of the year. And it was sweet music to his ears.

1500 Free

WORLD RECORD		
Vladimir Salnikov, USSR, 1980	58.53 1:59.27 2:59.6	8 3:59.95
	5:00.23 6:00.29 7:00.4	4 8:00.48
	9:00.6910:00.8511:01.1	512:00.94
	13:00.8114:00.2	214:58.27
AMERICAN AND U.S. OPEN RECORD		
Brian Goodell, USA, 1976	58.59 1:59.87 3:00.5	4 4:02.25
	5:03.32 6:04.42 7:05.0	5 8:05.66
	9:06.3110:06.2711:05.8	112:05.46
	13:05.4814:04.5	7 15:02.40
1980 U.S. INDOOR CHAMPION		
Mike Bruner, Mesa	58.17 1:58.66 2:59.5	4 4:00.19
	5:01.21 6:01.93 7:02.7	9 8:04.13
	9:06.1510:08.1111:10.4	012:12.80
	13:15.9514:18.4	215:19.76
DEFENDING OUTDOOR NATIONAL CHAMPION		
Brian Goodell, Mission Viejo	58.0 2:00.2 3:02.	8 4:05.5
	5:08.3 6:10.3 7:12.	4 8:14.0
	9:15.5 10:16.9 11:18.	7 12:20.7
	13:22.7 14:25.	315:27.23
1980 MOSCOW OLYMPIC MEDALISTS		
Vladimir Salnikov, USSR		14:58.27
Aleksandr Chaev, USSR	. •	15:14.30
Max Metzker, Australia		15:14.49
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug	. 2)	
Mike Bruner, 24, Mesa Aquatics	58.77 1:59.88 3:01.0	
	5:03.17 6:04.43 7:05.9	
And the second s	9:09.1310:10.7511:12.4	
	13:16.3314:18.6	
Dave Sims, 17, Joliet Y Jets		15:25.92
Ron Neugent, 19, Wichita		15:27.66
Bari Weick, 18, Conquistador		15:31.07
Brian Goodell, 21, Mission Viejo		15:34.75
Monte Brown, 20, Cardinal		15:34.91
Brian Roney, 20, Industry Hills		15:35.72
James Lorys, 17, David Douglas		15:37.58

Bill Rose stared across the expanse of now-settling water following the men's 1500 meter freestyle competition on Saturday night. "What I feel now is just nostalgia," he reminisced.

Rose had just watched his longtime swimmer, Mike Brunner, finish the 1500 meter freestyle in a winning 15:19.80. It was a victorious ending to a most impressive career for Bruner, whose point total with this victory made him the highest scoring male swimmer for the second straight Nationals. Bruner



Mike Bruner ended his career in 1980 with five wins and two high-point trophies. 76 Swimming World/August



Peter Rocca climaxed his career with a 100 back win.

has been swimming since age 7, and for most of those 17 years it has been Rose who has coached him to world and American record fame.

"This meet is kinda like Mike's career," Rose said. "He didn't start that well, but he put it back together in the end."

Mike had learned a lesson from his most recent mile swim at the Austin Indoor Championships, where he took out the race faster than he had intended—a mistake he did not plan to repeat Saturday night. "All I wanted was to win the race," he shared. "A win would mean nine national titles and a second high point. I had hoped to have a little more left at the end. As it turned out, I was fairly evenly paced. I was hoping for at least a 15:10, but I didn't want to do anything more than it took to win. I could see the Indoor 1500 all over again and I didn't want to take that kind of pace.

"I would have really liked to get the record (a 14:58.27 set by Vladimir Salnikov, USSR, at Moscow)," Bruner admitted, "but the atmosphere; the pool, the water temperature (Bruner thought the water was heated to about 83 degrees, making for quite a heated pace through 1500 meters)... things just weren't right for a record."

More than anything, to Bruner it was the atmosphere that brought down the motivation for records at this meet. Repeating the feelings echoed by nearly all the winners in post-race interviews, the Olympic veteran could speak from experience. "I've been there. I know what it's like and this doesn't even come close to an Olympic Trials. I could guarantee if this were a real Olympic Trials, 90 percent of the athletes' times would have been faster. This is a really well-run meet, but the atmosphere just wasn't there. So we figured the best thing was to win the race. I had hoped to have a little more left at the end."

Bruner did set an even pace through the 1500 meter race, taking out the first 100 in 58.77 then settling down for steady 100s of 1:01 until he split a 1:02.29 between 1300 and 1400 meters. In the final 100, he came home in 1:01.18 for his 15:19.80. His race was swum in fairly steady thirds of 5:03.17, 5:06.58 and 5:09.05.

Meanwhile, an interesting race was taking shape in his wake. Mission's Brian Goodell, whom many considered a pre-race favorite if he was in shape, looked at first to be in contention, as he was close behind Bruner for the first quarter of the race. But instead, he was passed first by 17-year-old Dave Sims of Joliet Y Jets after 700 meters, then by Wichita's 19-year-old Ron Neugent at 1,100 meters. While Sims tenaciously held onto the No. 2 spot (15:25.92), Neugent claimed the third spot on the Olympic team off his 15:27.66 finish.

But the man of the hour was Bruner, who had just swum his

last race and was pleasantly surprised to see his wife, Melanie, come running up to congratulate him. "It's the first time she's ever seen me swim at a national championship," he grinned.

Then on a more reflective note, he talked about what a pleasing conclusion 1980 had been to 17 years of competitive swimming.

"Overall I've done more this year than I ever have in any given time in my career. You have to learn to be satisfied when you do the very best you can. I'm very satisfied and am looking forward to staying with swimming in some fashion. But I'm glad the competition end of it is done," he added.

When asked what he would do when he returned from his trip to China, he smiled, "I guess I'm just going to sit in my garden and figure out what's going on."

100 Back

WORLD, AMERICAN AND U.S. OPEN RECORD		
John Naber, USA, 1976	26.55	55.49
1980 U.S. INDOOR CHAMPION		
Peter Rocca, Concord-Pleasant Hill	27.25	56.66
DEFENDING OUTDOOR NATIONAL CHAMPION		
Bob Jackson, West Valley		56.75
1980 MOSCOW OLYMPIC MEDALISTS		
Bengt Baron, Sweden		56.53
Viktor Kuznetsov, USSR		56.99
Vladimir Dolgov, USSR		57.68
1980 U.S. OUTDOOR NATIONAL FINALISTS (July 31)		
Peter Rocca, 23, Concord-Pleasant Hill		56.64
Bob Jackson, 23, Conquistador		56.78
Rick Carey, 17, Badger		56.93
Clay Britt, 19, Starlit		57.15
Steve Barnicoat, 18, Mission Viejo		57.40
David Marsh, 21, Stingray		57.78
John Engs, 17, Reno		58.00
Jesse Vassallo, 18, Mission Viejo		58.28

In any national championship, there are bound to be a few surprises. And for Peter Rocca of Concord-Pleasant Hill, one of those surprises came when he saw that he had won the 100 meter backstroke finals, beating top qualifier Bob Jackson of Conquistador, 56.64 to 56.78.

The two share one of the friendliest rivalries to be found in the sport of swimming. For years they have raced each other in NCAA and AAU meets, and in this meet, which both anticipate as the climax of their swimming careers, they found themselves together again in lanes four and five as the only 100 back qualifiers under 57 seconds at 56.04 and 56.75.

"Bob and I are competitive in a very nice way," Peter explained later. "If he beats me I'm not mad and he's the same way. But it's funny that I beat him tonight because I think his race is the 100 and mine is the 200." (Jackson has won the 100 back event at Nationals three times, while Rocca has turned the same trick in the 200, plus winning the 100 twice.)

Both backstrokers had hoped to leave the sport as winners, and when Rocca lost the 200, a close second to Steve Barnicoat, that left only the 100. Though earlier that night there had been a tie in the women's 100 breast (for the first tie since races have been timed electronically), the possibility of the two sharing this title to close their swimming careers for individual events just wasn't very likely.

Rocca felt at ease coming into the final. "The 200 was my first event and I felt a lot of pressure. But in the 100, I wasn't a favorite. I was really relaxed going in. And I felt good warming up."

That was why Rocca admitted to some disappointment over the final times. "I thought I would be faster tonight. In my last race I wanted to go out with my best time. (His 56.64 at Irvine was slower than the 56.34 which earned him a silver medal at the Montreal Olympics in 1976.) I thought Bob would take off tonight and go a 55 and I hoped to be there with him. But it's taking more and more just to win rather than break the record. And this just turned out to be the race I won."

The possibility of a record was in more than a few people's minds that night when Jackson turned first at the 100 with a 26.75 that was less than two-tenths off John Naber's world record split. Starlit's Clay Britt turned next at 26.81 with the

U.S MEN continued

rest of the field just behind.

Then it happened. With such a tight field, Rocca recalls that, following the turn, "Everyone was fighting each other's waves. I had water all over my face coming home." It was on the home trip that Bob Jackson later told Peter he had felt bad. And yet, at 15 meters out it was still Jackson's race. But somehow Rocca caught him on the touch.

"Peter's as good as anyone I know at finding the wall," shared Coach Nort Thornton. "I'm really pleased he got the win. He's a great competitor and a great person. I feel for Bob, too. It would have been great for him to win his last race, too." But, at least this time around, there was to be no tie for first.

200 Back

WORLD RECORD, AMERICAN AND U.S. O	PEN RECORD	
John Naber, USA, 1976	27.73 57.49	5 1:30.96 1:59.19
1980 U.S. INDOOR CHAMPION		
Peter Rocca, Concord-Pleasant Hill	58.5	5 2:00.73
DEFENDING OUTDOOR NATIONAL CHAM	PION	,
Steve Barnicoat, Mission Viejo	1:00.9	2:02.40
1980 MOSCOW OLYMPIC MEDALISTS	v.	
Sandor Wladar, HUN		2:01.93
Zoitan Verraszto, HUN		2:02.40
Mark Kerry, AUS		2:03.14
1980 U.S. OUTDOOR NATIONAL FINALIST	S (July 29)	
Steve Barnicoat, 18, Mission Viejo	59.	5 . 2:01.06
Peter Rocca, 23, Concord-Pleasant Hill	58.9	2:01.34
Jesse Vassallo, 18, Mission Viejo	59.	1 2:02.11
Rick Carey, 17, Badger	59.0	2:02.79
Bob Jackson, 23, Conquistador	58.	7 2:03.17
John Engs, 17, Reno	59.1	7 2:04.38
Jamie Fowler, 20, Unat.	59.0	3 2:05.01
Tom Roemer, 19, University of Iowa	1:00.0	2:06.38

No one can accuse Mission Viejo's Steve Barnicoat of being a slow learner.

In fact, he learned a lesson about getting home fast in the 200 back so well that he won his second-consecutive Outdoor Nationals title in this event opening night.

Barnicoat went a "comparatively slow" 2:01.06 to win with Indoor Nationals champion Peter Rocca (Concord-Pleasant Hill) next (2:01.34). Mission's Jesse Vassallo, making a "comeback" of sorts, was third in 2:02.11, not far off his career best 2:02.07 from last year's Pan-Ams.

The lesson Barnicoat learned came at Austin in the 200 back finals when he was just outtouched by Rocca, 2:00.73-2:00.85 after being basically even with the 1979 Pan-Am 200 back gold medalist for the final 50 meters.

"Peter stroked into the wall real smooth at Austin and I flubbed up, so tonight I was determined that I was going to have a strong finish," Barnicoat said after his victory. As for his 2:01-plus, the UCLA-bound Barnicoat said, "I'd rather do my best time than beat the gold mark," referring to Sandor Wladar's 2:01.92 Moscow win. "Winning is not that important. I prefer going out and doing my best time and if I keep that up, the victories will come in time."

It looked like Rocca might well win his second-consecutive 200 back title at the onset. He was runner-up at the 100 to Conquistador's Bob Jackson (58.69-58.89) and led after 150 (1:29.63 to Barnicoat's 1:30.23).

But Barnicoat has a reputation for coming home fast and he did nothing to diminish it at Irvine. Stroking smoothly and confidently throughout his final 50, he opened up a bodylength lead on Rocca with Vassallo and Badger's Rick Carey in hot pursuit. With about 20 meters to go Rocca was closing on his Mission rival but Barnicoat stretched out his stroke and won by three-tenths.

"At about 140 meters I turned to Mark (Schubert, Mission head coach) and said, 'Steve's gonna get him, this race's history,' "said Nadadore assistant coach Mike Shaw. "I just knew that if Steve was within a body length of Rocca at the final turn he'd get home better and he did. He learned from 78 Swimming World/August

Austin about getting home and he learned very well."

Schubert said while he was pleased with his protege's swim, "we were going for the world record. And I think he should have gotten it too."

Barnicoat said that he might have gotten "edgy" sitting around prior to the race "but I don't think that affected me too much. I saw Peter at the 150 mark and figured if we were even at that point I was in good shape."

Rocca offered no excuses, saying, "Steve just got home better. I felt good but I think my legs are in better shape for a 100."

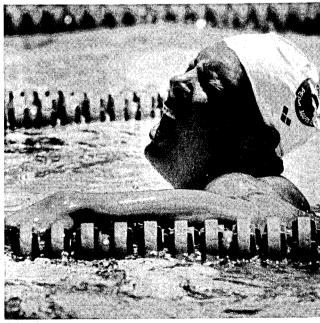
Jackson finished fifth (2:03.17) but his 2:02.79 from the prelims was a personal best. Carey was fourth (2:02.79).

100 Breast

WORLD RECORD		4
	29.60	1:02.86
Gerald Moerken, GER, 1977 AMERICAN AND U.S. OPEN RECORD AND U.S. INDOO		1.02.00
		1:03.08
Steve Lundquist, Dr. Pepper, 1980	29.31	1,03.06
DEFENDING OUTDOOR NATIONAL CHAMPION	4.5	
Bill Barrett, Cincinnati Pepsi Marlins		1:03.98
1980 MOSCOW OLYMPIC MEDALISTS		
Duncan Goodhew, Great Britain		1:03.34
Arsen Miskarov, USSR		1:03.82
Peter Evans, AUS		1:03.96
1980 U.S. OUTDOOR NATIONAL FINALISTS (July 29)		
Steve Lundquist, 19, Dr. Pepper		1:02.88*
Bill Barrett, 20, Cincinnati Pepsi Marlins		1:02.93
John Hencken, 26, Santa Clara		1:03.58
John Moffet, 16, Beach	*	1:03.83
David Lundberg, 19, Walnut Creek		1:04.02
Robert Lager, 19, Indian Valley		1:04.25
Greg Higginson, 18, Cincinnati Pepsi Marlins		1:04.78
Rick Meador, 22, Longhorn		1:05.20
* American and U.S. Open Record		

"Two years ago I told you guys that Billy and I were going to push each other, and we've done it every time, and we'll do it for another two years at least." And so, Steve Lundquist of Dr. Pepper Swim Team by way of Jonesboro, Ga., summed up the final race between himself and Bill Barrett of the Cincinnati Pepsi Marlins. "I can't say that no one was pushing me toward a record," he added, "but it is a very good consolation that I bettered the gold medal time from Moscow" (1:03.31 by Duncan Goodhew of Great Britain).

In what could be billed as one of the premier breaststroke races of the year, Lundquist narrowly defeated Barrett, 1:02.88 to 1:02.93. John Hencken, a 26-year-old veteran of two previous Olympics, clocked in just behind Barrett with a 1:03.58.



Bill Barrett's pain would soon turn to joy, knowing he's the world's best in the 200 meter individual medley (2:03.24).

Lundquist's final time bettered by one-hundredth of a second the American record he had established in prelims, falling two-hundredths short of tying Gerald Moerken's world mark of 1:02.86. Both Lundquist's and Barrett's times bettered Steve's previous American record of 1:03.08 from the 1980 Indoor Championships.

"Steve's a great all-around athlete," Barrett commented. "To beat him you've got to be mentally tough. We always seem to bring out the best within each other.

"It might be nice to say that I could have gone faster in Moscow," he continued, "but I couldn't honestly say that because here I've had some of the best competition in the world in Steve and Hencken. John's just amazing—the guy has been world ranked since 1969 and he's still in the top 25."

Sixteen-year-old John Moffet continued to serve notice of his impending ascendance in the breaststroke as he swam a career best 1:03.83. David Lundberg of Walnut Creek Swim Club clocked 1:04.02 and Robert Lager of Indian Valley finished just behind him, 1:04.25.

Greg Higginson of Cincinnati Pepsi Marlins swam a strong 1:04.49 in prelims, a personal best, but faded to 1:04.78 and seventh in the finals. Rick Meador, swimming with Longhorn Aquatics, rounded out the top eight in 1:05.20.

200 Breast

WORLD RECORD	-				
David Wilkie, Great Britain, 1976	31.24	1:06.49	1:40.84	2:15.11	
AMERICAN AND U.S. OPEN RECORD					
John Hencken, USA, 1976	31.32	1:06.09	1:41.50	2:17.26	
1980 U.S. INDOOR CHAMPION					
Glenn Mills, Cincinnati Pepsi Marlins		1:07.35		2:18.03	
DEFENDING OUTDOOR NATIONAL CHAMPION					
John Simons, De Anza		1:08.3		2:20.98	
1980 MOSCOW OLYMPIC MEDALISTS					
Robertas Zhulpa, USSR				2:15.85	
Alban Vermes, Hungary				2:16.93	
Arsen Miskarov, USSR			,	2:17.28	
1980 U.S. OUTDOOR NATIONAL FINALISTS (July 3	1)				
Glenn Mills, 18, Cin. Pepsi Marlins		1:08.8		2:18.78	
John Moffet, 16, Beach		1:07.4		2:18.79	
John Hencken, 26, Santa Clara		1:07.7		2:19.09	
Bill Barrett, 20, Cin. Pepsi Marlins		1:08.6		2:19.93	
John Simons, 19, Cardinal		1:08.1		2:20.68	
Greg Higginson, 18, Cin. Pepsi Marlins		1:07.8		2:20.75	
Rick Meador, 22, Longhorn		1:08.7		2:22.38	
Nick Nevid, 19, Longhorn		1:06.3		2:23.13	

After Tracy Caulkins and Terri Baxter dead-heated in the finals of the women's 200 meter breaststroke Thursday evening, the joke along press row was what could the men do for an encore?

The answer wasn't long in coming as Cincy Pepsi's Glenn Mills just outtouched Beach's John Moffet to win his second-consecutive 200 meter breast title (the first was at Austin last April) with a 2:18.78. Moffet, who had just turned 16 the previous Sunday (July 27), hit the touchpad in an oh-so-close 2:18.79.

For Mills, the victory represented a milestone in American men's swimming of sorts. Not since 1972 has the same man won both the Indoor and Outdoor Nationals 200 breast titles, and the swimmer who accomplished the trick that year was former Stanford collegiate champion Brian Job.

For Moffet, the runner-up spot marked the second-consecutive year he has finished No. 2. Last year at Fort Lauderdale it was to then De Anza's and now Cardinal's John Simons, who went a 2:20.66 to Moffet's 2:21.11. This time Simons was fifth (2:20.68).

Taking the show spot was venerable John Hencken (Santa Clara) who thus made his third-straight U.S. Olympic team. Hencken won a gold at Munich eight years ago in the 200 breast and another gold at Montreal in the 100 breast. He also set the American record in the 200 at Montreal (2:17.26), a mark that has withstood four years of challenges.

Hencken touched home in 2:19.09 while fourth was Cincy Pepsi's Bill Barrett in 2:19.93. Ordinarily a fourth-place finish wouldn't rate much of a mention but Barrett's 2:19 is quite extraordinary considering he had never broken 2:30 before this

summer and last year didn't rank among the top 100 globally. His time from Irvine ranked him 13th in the world after Moscow, and Barrett set American records in the 200 yard breaststroke and 200 yard IM during the NCAA Championships last March while swimming for UCLA.

Longhorn's Nick Nevid said before the race that if he were to qualify for the finals he would go out for "as long and as hard as I can."

Well, true to his word, Nevid qualified eighth (2:21.94) and was well in the lead after only 50 meters (30.83) with Moffet next (31.74) and Mills close at hand (31.87).

At the 100 it was still Nevid the rabitt leading the pack (1:06.27) and Moffet in second (1:07.44). The Longhorn sophomore now began to fade and at 150 Moffet looked for all the world like he was, at the tender age of 16, about to win his first U.S. Swimming national title.

He held a second-plus lead over Mills (1:42.27-1:43.51) at the turn and seemed to be in command.

But Mills, sensing he could make a bit of history himself, came storming back on the final 50 and just outtouched the Newport Beach youngster by a mere hundredth.

"Everything's happened so quickly since the last Nationals that I guess I can't ask for a peak performance from myself every time out," a relieved Mills said. "I was shootin for a 16 (2:16) inside of me but I'm happy to have won. I could see somebody just ahead of me off the last wall but I didn't know who it was. I had a good finish but I was awful lucky too."

100 Fly

WORLD AND U.S. OPEN RECORD		
Par Arvidsson, Concord-Pleasant Hill, 1980	25.90	54.15
AMERICAN RECORD		
Joe Bottom, USA, 1977	25.55	54.18
U.S. INDOOR NATIONAL CHAMPION		
Par Arvidsson, Concord-Pleasant Hill	26.09	54.20
DEFENDING OUTDOOR NATIONAL CHAMPION		,
Grant Ostlund, Florida		54.80
1980 MOSCOW OLYMPIC MEDALISTS		
Par Arvidsson, SWE		54.92
Roger Pyttel, DDR		54.94
David Lopez-Zubero, Spain		55.13
1980 U.S. GUTDOOR NATIONAL FINALISTS (Aug. 2)		
William Paulus, 19, Longhorn Aquatics .	25.71	54.34
Matt Gribble, 18, Hurricane	25.96	54.51
Mike Bottom, 24, Athletes in Action	25.58	54.97
Jim Halliburton, 21, Cincinnati Pepsi Marlins	25.37	54.98
Steve Smith, 18, Florida Aquatics	25.89	55.07
Joe Bottom, 25, Walnut Creek	25.91	55.17
Sam Franklin, 24, Conquistador	25.85	55.54
Jeff Stuart, 19, Conquistador	26.39	55.54

The men's 100 meter butterfly was the final—and one of the most surprising—individual events of the five-day meet. The leading finishers, topped by Longhorn's William Paulus (54.34), had only qualified sixth, fifth and fourth, respectively, in the prelims. Meanwhile favored Joe Bottom (the fastest qualifier who had twice captured this event at Nationals and was the American record holder) was relegated to the No. 6 spot when all was said and done.

And yet, had one seen the start of the race, perhaps the upset might have been less surprising. After one false start on the field, Bottom was waiting to take off for the second time, but when the starter delayed the start, he had to rock back to steady himself. At that instant, the buzzer started the race and Bottom, caught off balance, was left to dive in behind the field and play catch-up.

"I've never been that far behind in my life after a start!" Bottom reflected after the race. His final time (55.17) was not good enough for a spot on the 1980 Olympic team. But he had, nevertheless, ended his Nationals career as a winner from the first day's 50 free.

The race that night looked sure to be close, with all but one finalist qualifying under 55 seconds. In fact, the distance between the first and seventh qualifiers' times was just over fourtenths of a second. And with Arvidsson's world record so near after prelims, more than a few finalists harbored the dream of breaking the 54.15, not the least of whom was Bottom, whose

American (and former world standard) of 54.18 was just three hundredths away.

At the 50 turn, five of the eight finalists were under Arvidsson's record pace, led by Cincinnati's 21-year-old Jim Halliburton (25.37) and Joe Bottom's younger brother Mike, swimming for Athletes in Action (25.58). This meet marked the second straight Nationals that the two brothers had swum together in the 100 fly finals. (The last time two brothers had competed in the same field goes back to the last Olympic year, when Steve and Bruce Furniss raced each other in the 200 IM.) And Irvine was the last Nationals the two Bottoms would ever swim together, as both climaxed their swimming careers this summer.

But in the race for home, it was a younger swimmer, the 19-year-old Paulus (third to turn at 25.71), who edged into the lead. As the second-place finisher from this year's Indoors and NCAAs, the Texan was hungry for the gold. "The 50 was over just like that," remembers the beaming Paulus later. "All I thought about was driving for the wall. I didn't see anybody. I felt like I was having a good one, that's all."

He was having a good one, all right. When he hit the wall at 54.34, he became the fourth fastest 100 flyer in history. "I wanted to go faster," Paulus later admitted, "but I'm just really happy I won. I knew I was as good as anyone there because I've raced them all before. But during the day I was really worried. Then I just relaxed and I think that helped. It feels great, really good, to be an Olympian."

And what about his reaction to beating the gold medal time of Arvidsson from Moscow? "That's about as good a feeling as I could have had!" he grinned.

Paulus wasn't the only one to be happy about beating the Olympic winning time. Hurricane's Matt Gribble, one of the youngsters of the field at 18, came from seventh at the 50 (25.96) to finish in a very impressive 54.51 for second.

Mike Bottom's 54.97 just edged Halliburton's 54.98 in a very close race for third, and a spot on the U.S. Olympic team—a very rewarding conclusion to his swimming career.

200 Fly

WORLD, AMERICAN AND U.S. OPEN RECORD				
Mike Bruner, USA, 1976	27.32	58.10	1:28.49	1:59.23
1980 U.S. INDOOR CHAMPION	1			
Mike Bruner, Mesa Aquatics		57.94		1:59.48
DEFENDING OUTDOOR NATIONAL CHAMPION				
Steve Gregg, Conquistador		58.2		2:00.30
1980 MOSCOW OLYMPIC MEDALISTS				
Sergey Fesenko, USSR				1:59.76
Phil Hubble, GBR				2:01.20
Roger Pyttel, DDR				2:01.39
1980 U.S. OUTDOOR NATIONAL FINALISTS (July	30)			
Craig Beardsley, 19, Florida	00,	57.5		1:58.46
	27.35			
Prelims	27.33	57.8	1.27.07	1:59.13
Mike Bruner, 24, Mesa Aquatics		57.5		1:59.40
Billy Forrester, 22, Florida		•		
Bill O'Brien, 20, Dads Club		58.2		1:59.77
Dennis Baker, 18, David Douglas		58.2		2:00.26
Tony Bartle, 22, New Haven		58.1		2:00.72
Jeff Float, 20, Arden Hills		57.2		2:00.95
Steve Gregg, 24, Conquistador		56.8		2:00.98
* World, American and U.S. Open Record				

"USA. One-two-three."

That was the chant in 1976 when the American men got things rolling in the first event of the Montreal Olympics, the 200 fly.

Believe it or not, the American men are even better in 1980.

"USA. One-two-three-four," could have been the new chant. The top four times from the U.S. Nationals bettered the Olympic gold medal-winning time at Moscow—and that was a very fast 1:59.76 by Russia's Sergey Fesenko, which ranked No. 2 in the world . . . at that time.

In fact, all eight finalists bettered the silver medal performance at Moscow.

But as good as the field was in this men's 200 fly, the man in

the spotlight was 19-year-old Craig Beardsley of Florida, who won the race in 1:58.46 and who set a world record in the prelims in 1:58.21.

A world record and a national title were new to him, but he was enjoying the moment.

"It really hasn't sunk in yet," Beardsley said about his world record. "By next week, I'll be saying, 'Wow, I'm a world record holder."

Beardsley's record came in the prelims and it was just one of eight extremely fast qualifying times. Two men—Beardsley and Bill O'Brien, 20, of Dads Club, were timed under two minutes. Five were clocked at 2:00-flat, and surprisingly, the slowest qualifier was the world record holder who had held the record for four years since he first set the mark at the Montreal Olympics—Mike Bruner at 2:01.09.

"I had a lot of pressure on me," Beardsley said, "after I set that world record. I was really nervous for the finals. I just tried to stay relaxed. I really wanted to make a trip."

Beardsley was assured of a trip to China when he touched first at 1:58.46. He had to come from behind, as Steve Gregg, two-time defending long course champion, set a blistering early pace by splitting 56.8. Beardsley touched third with Billy Forrester at 57.5.

Beardsley took over the lead by 150 meters, and coming home, it was his race to keep. Bruner, swimming in lane eight, made a charge on the final 50, but Beardsley held on to win.

Bruner's time was 1:59.13, below his world record of 1976. Forrester, who had won the bronze medal in Montreal, showed the third fastest time in the world four years later with a 1:59.40, also better than his '76 medal performance.

Fourth-place Bill O'Brien was also under two minutes, showing the fourth fastest time in the world at 1:59.77.

All eight times were so impressive that all the cliches could be used and it still wouldn't describe just how great a field this was. The eight finalists ranked no less than 12th in the world!

As for Beardsley, "I'm happy it's over with. I think this is just fabulous.

"I had to prove that this morning's world record wasn't a fluke. I was looking for Bruner on the last 50. I was just glad I held him off. I have a lot of respect for him."

The trip to China will be even more special for Beardsley because his mom was born in Shanghai. "I have a lot of relatives there, about 20, and I'm looking forward to seeing them and seeing China.

"Right now, though, I'm just super-pleased with my time. The world record is a lot more important to me now because that time should stand for awhile."

200 Individual Medley

WORLD, AMERICAN AND U.S. OPEN RECORD			
Jesse Vassallo, USA, 1979	27.64	58.23	1:33.67 2:03.29
1980 U.S. INDOOR CHAMPION			
Chris Cavanaugh, Unat.	26.77	59.50	1:36.66 2:04.77
DEFENDING OUTDOOR NATIONAL CHAMPION			
Jesse Vassallo, Mission Viejo		58.3	2:05.51
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug	. 1)		
Bill Barrett, 20, Cin. Pepsi Marlins	26.04		1:34.11 2:03.62
Prelims	25.98	58.47	1:33.192:03.24*
Jesse Vassallo, 18, Mission Viejo	27.17	57.26	1:34.79 2:04.83
Chris Cavanaugh, 18, De Anza		59.3	2:05.35
John Simons, 19, Cardinal		1:00.3	2:06.18
Jim Johnson, 20, Concord-Pleasant Hill		59.9	2:06.50
Peter Rocca, 23, Concord-Pleasant Hill		58.6	2:06.88
Roger VonJouanne, 19, Greater Renton		59.3	2:06.97
Kyle Miller, 21, Florida Aquatics		58.7	2:10.62
* World, American and U.S. Open Record			

If imitation is the sincerest form of flattery, then Florida Aquatics' Craig Beardsley must have felt quite elated Friday afternoon at Irvine's Heritage Park Pool.

For it was Beardsley who electrified a rather sparse crowd two afternoons earlier with his world record during the preliminary heats of the 200 meter butterfly.

He subsequently won the race that evening, defeating former world record holder Mike Bruner in the process, but just missed breaking his earlier mark.

And similarly, Cincy Pepsi's Bill Barrett blasted to a 2:03.24 world record in the second-to-last heat of the men's 200 meter individual medley Friday afternoon, then came back to win the race (albeit a tad slower than his earlier global standard) and was victorious over the previous world record holder, Mission's Jesse Vassallo.

"It (the world record) didn't really hit me . . . it didn't really register until I came down from my room in the hotel for a team meeting this afternoon and everybody applauded," an excited Barrett said after his victory over Vassallo (2:03.62-2:04.83).

"I wasn't really going after the world record this morning but I felt so good on my fly leg (25.98 vs. 27.64 for Vassallo's former world record) that I just turned on the juice. I was hoping for a 2:02 tonight, but I'll settle for the victory. It was great having Jesse next to me tonight...it was just like the NCAAs when I was goin' against Steve (Lundquist)."

UCLA coach, Ron Ballatore, said Barrett had trained exceptionally hard throughout the spring quarter, "putting in tremendous repeats. He's gotten bigger and stronger since the NCAAs and I think this is reflected in his performance."

The previous evening, Barrett was fourth in the 200 breast in a career-best 2:19-plus. On opening night he just lost to Lundquist in the finals of the 100 breast (1:02.88-1:02.93)—history's second and fourth-fastest performances.

"I think that given another week or 10 days, he would have been down around 2:01, maybe even two flat," Ballatore ventured. "You have to remember: this is not the Trials and it's not the Olympics. Barrett had a great swim in the morning to set the record and a smart swim at night to beat Vassallo."

For the record, Barrett split 25.98, 58.47 (32.49), 1:33.19 (34.72) and 2:03.24 (30.05). On Vassallo's world record 2:03.29 from last year's Pan-Ams, the splits were 27.64, 58.23, 1:33.67 and 2:03.29.

During the evening finals, Barrett was out in 26.04 for his fly leg (with Vassallo at 27.17). After the backstroke, Jesse had taken command (57.26-58.51), but the breaststroke lap was the clincher for Barrett as he went 35.60 (1:34.11) to Vassallo's 37.53 (1:34.79). If he could get home fast—victory was his and Barrett did it in style, increasing his lead from a half-body length at the turn to a full length with 25 meters to go and a second-and-a-quarter advantage at the finish.

Defending Indoor champion Chris Cavanaugh (who had swum a tough 200 free earlier in the evening) was third (2:05.35), while Cardinal's John Simons was next (2:06.18, a career best for the Stanford sophomore).

Vassallo said he wasn't too dissatisfied with his time, but added that he had changed his mind and was going to Hawaii "to try and cap off my summer right."

Footnote: At 23, Beach Swim Club's Bruce Furniss would have qualified fourth-fastest with a 2:05-plus, but the former world record holder was disqualified for failing to touch with his hand on the backstroke-breaststroke turn.

400 Individual Medley

WORLD, AMERICAN AND U.S. OPEN RECORD				
Jesse Vassallo, Mission Viejo, 1978	59.99	2:03.53	3:19.15	4:20.05
1980 U.S. INDOOR CHAMPION				
Djan Madruga, Mission Viejo	1:02.05	2:06.51	3:27.13	4:25.30
DEFENDING OUTDOOR NATIONAL CHAMPION				
Jesse Vassallo, Mission Viejo	1.00.2	2:05.0	3:22.9	4:25.19
1980 MOSCOW OLYMPIC MEDALISTS				
Aleksandr Sidorenko, USSR				4:22.89
Sergey Fesenko, USSR				4:23.43
Zoltan Verraszto, HUN				4:24.24
1980 U.S. OUTDOOR NATIONAL FINALISTS (July	30)			
Jesse Vassallo, 18, Mission Viejo	1:00.1	2:03.6		4:21.51
John Simons, 19, Cardinal	1:01.1	2:10.3		4:24.74
Jeff Float, 20, Arden Hills	58.8	2:06.5		4:25.19
Ron Neugent, 19, Wichita	1:01.0			4:26.74
David Santos, 21, Concord-Pleasant Hill	1:00.8	2:10.9		4:28.27
Chuck Bauman, 20, Dr. Pepper	1:00.4	2:10.1		4:28.67
Ed Ryder, 19, Mission Viejo	58.6	2:05.7	3:29.5	4:29.39
Kyle Miller, 21, Florida	59.4	2:07.7	3:30.7	4:31.29

The disappointment showing on his face, Jesse Vassallo of the Mission Viejo Nadadores relaxed his grip on the timing pad and stroked back from the side of the Irvine pool. Vassallo, world record holder in the 400 individual medley, had come one-and-a-half seconds short of his world record, going 4:21.51. Vassallo's time was good enough for a meet mark, but for the 18-year-old swimmer, that wasn't quite good enough.

"I'm happy with my race, but I really wish I could have done a lot better," Vassallo said.

Trailing after the butterfly leg, Vassallo exhibited his championship form, as he built a two second lead in the backstroke. From that point on, he was never seriously challenged.

John Simons of Cardinal Aquatics trailed Vassallo by almost seven full seconds after the backstroke, but whittled away, turning in a 1:13 breast leg and 1:01 free to finish within four seconds of Jesse, 4:24.74. Jeff Float, Arden Hills, turned in his best performance as he touched in 4:25.19, including a leadoff time of 58.8.

Nineteen-year-old Ron Neugent of Wichita Swim Club touched in a fourth place time of 4:26.74. Concord-Pleasant Hill's David Santos swam the 400 meters in 4:28.27 and Chuck Bauman of Dr. Pepper Swim Team of Dallas touched just behind him, going 4:28.67.

Vassallo showed no traces of the lingering back spasms which had plagued him during the winter season, but which he admitted still recur every now and then. His Mission Viejo teammate, Ed Ryder, finished seventh in the finals, as he swam a 4:29.39. Kyle Miller of Randy Reese's Florida Aquatics, rounded out the field of eight as he arrived in 4:31.29. Another Mission swimmer, Brian Goodell, was the winner of the consolation round of the 400, swimming 4:28.15.

400 Free Relay

WORLD, AMERICAN AND U.S. OPEN RECORD				
USA World Championship Team, 1978	51.30	1:40.82	2:30.48	3:19.74
(Babashoff, Gaines, Montgomery, McCagg))	(49.52)	(49.66)	(49.26)
U.S. CLUB RECORD AND 1980 U.S. INDOOR CHAN	IPION			
Florida Aquatics, 1980	49.82	1:39.97	2:31.10	3:21.93
(Gaines, McCagg, Larson, Forrester)		(50.15)	(51.13)	(50.83)
DEFENDING OUTDOOR NATIONAL CHAMPION				
Florida Aquatics	52.72	1:42.50	2:33.60	3:24.08
(Forrester, Gaines, Dickson, McCagg)		(49.78)	(51.10)	(50.48)
1980 U.S. OUTDOOR NATIONAL FINALISTS (July 3	1)			
Florida "A"	49.78	1:40.86		
(Gaines, Larson, Wood, Forrester)				
Dr. Pepper	51.02	1:42.68		
(Veris, Hess, Kraus, Montgomery)			(50.69)	
Mission Viejo	51.62	1:42.86		3:25.42
(Spencer, Leamy, Goodell, Griffith)				(50.69)
Dr. Pepper "B"	52.09	1:43.09		
(Lundquist, Davis, Winegarner, Oppel)				
Cincinnati Pepsi Marlins	52.19		2:36.16	3:26.92
(McLaughlin, Sharpe, Templeton, Barrett)			(51.35)	(50.76)
Longhorn	51.40	1:44.32		
(Schatz, Smith, DeForest, Kirchner)			(51.87)	
Concord-Pleasant Hill	52.95	1:45.20		
(Boatwright, Rocca, Trowbridge, Thornton)			(50.80)	
Conquistador	52.10		2:36.18	3:28.07
(Wyatt, Towne, Northway, Finical)		(52.02)	(52.06)	(51.89)

It was a case—in most cases—of saving the best for first. Rowdy Gaines, Chris Cavanaugh, Gary Schatz and Andy Veris all led off their respective teams in the 400 free relay Thursday night. Of the lot, Gaines split the quickest, 49.78, a time which gives him four of the top six 100 freestyle performances of all-time. Cavanaugh swam 50.81, while Schatz went 51.40 and Veris 51.02. Phil Perdue of Starlit, Jerry Spencer of Mission Viejo and Geoff Gaberino of Baylor were the only other leadoff swimmers under 52 seconds, Perdue going 51.92, Spencer, 51.62 and Gaberino, 51.30.

But not all of the action was at the front end of the relays. Florida's Billy Forrester anchored in a blazing 50.26 with an exchange from Steve Wood that strained the judgment of the false-start judges. The FAST swimmers led from start to finish, winning in 3:22.24. Dr. Pepper, despite the 50.69 and 50.37 clockings of Greg Kraus and Jim Montgomery, respec-

U.S MEN continued

tively, couldn't catch the Floridians after Gaines' leadoff leg. Other swimmers recording sub-51 splits were Art Griffith (50.69), Bill Barrett (50.76), Todd Trowbridge (50.80), Scott Findorff (50.86) and Kris Kirchner (50.92).

800 Free Relay

WORLD, AMERICAN AND U.S. OPEN RECORD	
USA World Championship Team, 1978	1:51.18 3:40.88 5:30.73 7:20.82
(Furniss, Forrester, Hackett, Gaines)	. (1:49.70)(1:49.85)(1:50.09)
U.S. CLUB RECORD AND DEFENDING OUTDOOR	
Florida Aquatics, 1979	1:51.23 3:44.58 5:36.79 7:27.23
(Gaines, Hillencamp, Larson, Forrester)	(1:53.35)(1:52.21)(1:50.44)
1980 U.S. INDOOR NATIONAL CHAMPION	, (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Concord-Pleasant Hill	1:53.64 3:45.85 5:37.94 7:29.29
(Holmertz, Revelli, Trowbridge, Thornton)	(1:52.21)(1:52.09)(1:51.35)
1980 MOSCOW OLYMPIC MEDALISTS	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
USSR	7:23.50
DDR	7:28.60
Brazil	7:29.30
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug.	
Florida	1:49.45 3:42.06 5:35.647:26.67*
(Gaines, Larson, Wood, Forrester)	(1:52.61)(1:53.58)(1:51.03)
Dr. Pepper	1:52.92 3:45.39 5:37.33 7:31.23
(Veris, Montgomery, Kraus, Heath)	(1:52.47)(1:52.44)(1:53.40)
Mission Vielo	1:53.65 3:46.36 5:39.14 7:31.84
(Brown, Saeger, Ryder, Goodell)	(1:52.71)(1:52.78)(1:52.70)
Conquistador	1:53.31 3:47.15 5:41.58 7:34.07
(Towne, Gregg, Weick, Northway)	(1:53.84)(1:54.43)(1:52.49)
Industry Hills	1:54.12 3:46.57 5:40.98 7:34.41
(Greenwood, Roney, Ganiel, Scannell)	(1:52.45)(1:54.41)(1:53.43)
Longhorn	1:54.63 3:46.95 5:41.37 7:34.79
(Morley, Kirchner, Bergen, Martin)	(1:52.32)(1:54.42)(1:53.42)
Concord-Pleasant Hill	1:52.52 3:46.57 5:40.58 7:34.81
(Thornton, Anderson, Trowbridge, Rocca)	(1:54.05)(1:54.01)(1:54.23)
	1:55.11 3:49.75 5:43.35 7:37.84
(Hillencamp, Perry, Miller, Beardsley)	(1:54.64)(1:53.60)(1:54.49)
* U.S. Club Record	(1.0.10.7(1.00.00)(1.04.10)
0.0. 0.00	

Rowdy Gaines never gives up. The same night he won the 200 free at Irvine in 1:50.02, Gaines led off the Florida 800 free relay in yet another attempt to break his own world mark of 1:49.16 set at Austin last April. He missed, but not by very much. Gaines' 1:49.45 was the second-fastest 200 ever and gives him three of the top performances all-time in the event.

Incidentally, Florida won the relay. Easily. Gaines was followed by David Larson (1:52.61), Steve Wood (1:53.58) and Billy Forrester (1:51.03), as the foursome set a U.S. Club record of 7:26.67. FAST outdistanced second-place Dr. Pepper by nearly five seconds. Gaines naturally had the fastest split of the event, but other notable leadoff swims were recorded by Richard Thornton (1:52.52), Bobby Hackett (1:52.71) and Andy Veris (1:52.92). Aside from Forrester, no one split under 1:52 on the last three legs.

400 Medley Relay

WORLD, AMERICAN AND U.S. OPEN RECORD		1,1		
USA Olympic Team, 1976	55.89 1:58.39	2:52.65	3:42.22	
(Naber, Hencken, Vogel, Montgomery)	(1:02.50)		(49.57)	
U.S. CLUB RECORD AND 1980 U.S. INDOOR NATI	IONAL CHAMPIC	ON		
Concord-Pleasant Hill, 1980	56.86 2:02.33	2:56.05	3:46.06	
(Rocca, McMullen, Arvidsson, Holmertz)	(1:05.47)	(53.72)	(50.01)	
DEFENDING OUTDOOR NATIONAL CHAMPION				
Longhorn Aquatics	58.93 2:02.24			
(Manganiello, Nevid, Spann, Kirchner)	(1:03.31)	(54.75)	(50.94)	
1980 MOSCOW OLYMPIC MEDALISTS				
Australia			3:45.70	
USSR			3:45.92	
Great Britain	*		3:47.71	
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug.	2)			
Dr. Pepper	59.10 2:01.68			
(Winegarner, Lundquist, Hess, Montgomery)	(1:02.58)		(50.05)	
Longhorn	58.80 2:03.98		3:48.67	
(Manganiello, Meador, Paulus, Kirchner)	(1:05.18)		(50.41)	
Florida	59.13 2:05.80			
(Wood, Soltis, Smith, Gaines)	(1:06.67)		(48.80)	
Walnut Creek	58.60 2:02.70		3:49.08	
(D. Bottom, Lundberg, J. Bottom, Ebbinghaus)	(1:04.10)		(51.78)	
Cincinnati Pepsi Marlins	59.28 2:02.53		3:49.58	
(Wilson, Barrett, Halliburton, McLaughlin)	(1:03.25)		(51.16)	
Concord-Pleasant Hill	57.53 2:03.18		3:49.96	
(Rocca, Jimenez, Thornton, Trowbridge)	(1:05.65)		(51.63)	
Mission Viejo	57.56 2:03.36		3:50.04	
(Barnicoat, Barber, Vassallo, Spencer)	(1:05.80)	(55.42)	(51.26)	
Badger Dolphins	59.64 2:05.16			
(LaCount, Barron, Weiss, Findorff)	(1:05.52)	(56.01)	(50.32)	

The 1980 Outdoor Nationals was one of those meets where the team title race went down to the last relay—and the 400 medley was that last relay. If Cincinnati could hold off Mission Viejo and improve on their own sixth-place seeding, they could win the meet. Actually it was a lot simpler than that, because the Marlins had three relays which scored to Mission's one. But that didn't make the race any less exciting.

Bob Jackson of Conquistador beat all others in the backstroke leadoff, going 56.65. Rick Carey went 56.97 in the consolation and Peter Rocca (57.53) and Steve Barnicoat (57.56) were the only others under 58 seconds.

Steve Lundquist jumped in after Jim Winegarner's 59.10 leadoff for Dr. Pepper and cranked out a 1:02.58 breaststroke split, third fastest all-time. Bill Barrett gave Cincinnati a 1:03.25 effort. John Hencken (1:03.32) and John Moffet (1:03.87) almost bettered 1:04. Lundquist and Barrett put their teams into first and second, respectively, after the breast.

But William Paulus hit the water for Longhorn and brought the 'Horns from fourth to second with a 54.28 fly split. That was bested only by Steve Smith, who went 54.14 for Florida, with Rowdy Gaines ready to back him up on the freestyle leg.

And what a freestyle leg. Florida was in sixth place when Gaines took off. Throwing caution to the wind, the American record holder in the 100 free virtually flew across the water to bring Florida in at 3:48.74—and to record the fastest 100 free split in history, a 48.80.

But Jim Montgomery anchored for Dr. Pepper in 50.05, more than enough to maintain the team's lead and assure victory with a 3:47.13. Longhorn finished second (3:48.67), a touch ahead of Florida. Cincinnati took fifth, 15th and 16th to Mission Viejo's seventh to wrap up the meet and guarantee delivery on Coach Denny Pursley's promise to shave his head if the team were to win the combined title. Sure enough, the next day Pursley showed up with a chrome dome—and a matching championship cup.

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200 Breast

WORLD RECORD		
Lina Kachushite, USSR, 1979	1:11.95	2:28.36
U.S. OPEN RECORD		
Lina Kachushite, USSR, 1980	1:13.7	2:30.55
AMERICAN RECORD AND 1980 U.S. INDOOR CHAMP	ION	
Tracy Caulkins, Nashville	1;13.44	2:33.06
DEFENDING OUTDOOR NATIONAL CHAMPION		
Tracy Caulkins, Nashville	1:15.8	2:33.88
1980 MOSCOW OLYMPIC MEDALISTS		
Lina Kachushite, USSR		2:29.54
Svetlana Varganova, USSR		2:29.61
Julia Bogdanova, USSR		2:32.39
1980 U.S. OUTDOOR NATIONAL FINALISTS-(July 31)	
Tracy Caulkins, 17, Nashville Aquatics	1:13.6	2:34.66
Terri Baxter, 15, Ladera Oaks	1:14.6	2:34.66
Susan Rapp, 15, Starlit Aquatics	1:15.6	2:35.08
Kathy Smith, 16, Bellevue Eastside	1:15.8	2:37.21
Polly Winde, 16, North Baltimore	1:15.2	2:37.30
Kathy Treible, 18, Florida Aquatics	1:15.0	2:37.45
Torry Blazey, 18, Florida Aquatics	1:17.3	2:39.46
Kim Rhodenbaugh, Cin. Pepsi Marlins	1:17.1	2:38.87

Oh, you might see it happen in a college football game. But a tie in competitive sports in general is extremely hard to come by

Only two ties for first place spotlight the annals of competitive swimming history—and those really don't count. True, in 1965 Judy Humbarger and Cathy Ferguson tied at 2:28.0 in the 200 meter backstroke. And way back in 1950, Marge Hulton and Evelyn Kawamoto were timed in an even 3:09.2 for the 200 meter breaststroke.

But a lot has changed in three decades of American women's 200 meter breaststroke swimming. Now, of course, electronic timing to the hundredth of a second leaves no room for human error. And the leading times in the event now range in the 2:30s, with the world record dipping down to 2:28.36.

But in a miracle of modern swimming history, the unprecedented shaped into reality as a seemingly unlikely twosome matched times at 2:34.66 on July 31, 1980.

Enter the veteran Tracy Caulkins of Nashville, American record holder, five-time 200 breast national champ and the morning's top qualifier.

Enter Terri Baxter of Ladera Oaks, a 15 year old who had never finished higher than fourth at a U.S. Nationals and whose best time coming into the meet was 2:37.72. She bettered that time by exactly one second in qualifying second to Caulkins. "I always thought the 100 was my best race," Baxter confided later, still looking slightly thunderstruck. "When I qualified second, I thought that was amazing in itself."

Perhaps that happy surprise worked to Terri's advantage in the evening finale. At first, though, it appeared that no one would threaten Caulkins' breaststroke supremacy as she split 34.33 and 1:13.61 through the first 100 meters. Baxter was the only one anywhere near Caulkins by that time, splitting 35.01 and 1:14.59.

After seeing Terri turn at 1:53.72 to Tracy's 1:53.58 at the 150 mark, Ladera Oaks coach, George French, recalls, "I thought at the 150 mark we could win and we were ahead at the flags and we were ahead in the stretch for the wall. And that's where experience comes in."

In the final 50 meters, indeed, a lot of people were getting excited. "On the third turn," Caulkins recounts, "I saw her. I went, 'O Wow!' Then after that I didn't look at her. I just didn't want to tie up. I sensed she was right there and I was just concentrating on having a really good finish. In the race's final moments, even Tracy's coach, Don Talbot, thought his swimmer was behind. "I really drove for the wall," remembers Tracy, whose touch created the tie. She admitted that she hadn't had very good finishes during the meet and was therefore surprised at that. But Caulkins, who would have liked to go perhaps a 2:30, admitted disappointment with her time. But at least she still had the win, though this time the triumph was shared.

No one knew at first just who had won. Tracy remembers seeing Baxter's time show first and thinking the younger girl had won. Then the times all came up, showing the tie. That was the moment Terri first saw the scoreboard. "I never really thought I could come in first at Nationals. I thought, 'God, I really did it! It's hard to believe!"

100 Fly

WORLD, AMERICAN AND U.S. OPEN RECORD AND 1980 U.S. INDOOR CHAMPION		
Mary T. Meagher, Cin. Pepsi Marlins	28.24	59.26
DEFENDING OUTDOOR NATIONAL CHAMPION		
Mary T. Meagher, Lakeside		1:00.19
1980 MOSCOW OLYMPIC MEDALISTS		
Caren Metschuk, DDR		1:00.42
Andrea Pollack, DDR		1:00.90
Christiane Knacke, DDR		1:01.44
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug. 2)		
Mary T. Meagher, 15, Cin. Pepsi Marlins	28.18	59.41
Tracy Caulkins, 17, Nashville	30.85	1:00.75
Lisa Buese, 17, Cin. Pepsi Marlins	28.91	1:01.05
Diane Johannigman, 21, Cin. Pepsi Marlins	28.68	1:01.33
Jill Sterkel, 18, Longhorn	28.56	1:01.67
Laurie Lehner, 22, Unat.	29.24	1:01.76
Nancy Hogshead, 18, Florida	29.05	1:02.09
Joan Pennington, 20, Longhorn	29.19	1:02.57

For a mere 15 year old, Mary T. Meagher's come a long way, baby.

As a fledgling age grouper of 13 a couple of years ago she made her name chasing Tracy Caulkins at Mission Viejo during the inaugural *Seventeen* Meet of Champions.

A year later she won a gold medal at Puerto Rico and set her initial world record.

In 1980, overcoming a collapsed lung and the disappointment from the U.S. boycott of the Olympics, she set a world record in the 100 fly at the U.S. Indoor Nationals at Austin last April, then lowered her global standard in the 200 fly at Irvine.

And for the topper she sped to victory in the 100 fly in 59.41, history's second-fastest century. Only her world record 59.26 is faster.

The field for the finals of the women's 100 fly, similar to the men's, was perhaps the greatest ever assembled for an American (or any other country's) Nationals.

If ever a world record was expected it was in the fly races and Mary T. came about as close as close can be. Out strong in the first 20 meters she built a half-body length lead over Sterkel and Johannigman. With announcer Bob Jackson bellowing that "she's on a world record pace," Meagher hit the 50 mark in 28.18, just slower than her 28.10 split from Austin.

Coming off the wall she stretched her stroke and drew away from the field, but at the finish was unhappy she didn't break her own world record.

"I came here with the idea in mind of bettering both standards. I had been planning for this meet for nearly a year and it's a little disappointing I didn't hit my goal times in either the 100 or the 200. But I set a world record so I'm happy about that."

Asked about rumors she might retire after this season (at 15?), she laughed and offered the familiar lament common to many great athletes:

"I love the competition and I love the meets. It's just the training I hate."

200 Fly

WORLD, AMERICAN AND U.S. OPEN RECORD AND DEFENDING OUTDOOR CHAMPION		
Mary T. Meagher, Lakeside, 1979	1:01.89	2:07.01
1980 U.S. INDOOR CHAMPION		
Mary T. Meagher, Cincinnati Pepsi Marlins	1:02.50	2:08.69
1980 MOSCOW OLYMPIC MEDALISTS		
Ines Geissler, DDR		2:10.44
Sybille Schonrock, DDR		2:10.45
Michelle Ford, AUS		2:11.66
1980 U.S. OUTDOOR NATIONAL FINALISTS (July 30)		
Mary T. Meagher, 15, Cincinnati Pepsi Marlins	1:00.8	2:06.37*
Nancy Hogshead, 18, Florida	1:03.5	2:11.07
Kym Linehan, 17, Longhorn	1:04.3	`2:11.57
Linda Thompson, 17, AFOX	1:03.0	2:11.70
Diane Johannigman, 21, Cin. Pepsi Marlins	1:04.4	2:12.48
Betsy Rapp, 20, Starlit	1:04.3	2:13.96
Mayumi Yokoyama, 17, Industry Hills	1:04.4	2:14.32
Lisa Buese, 17, Cincinnati Pepsi Marlins	1:05.2	2:15.45
* World American and ILS Open Record		

With the Irvine crowd on its feet, cheering and screaming encouragement, 15-year-old Mary T. Meagher of Cincinnati Pepsi Marlins, eclipsed her 200 butterfly global mark, swimming a 2:06.37. While she shed tears at the end of the race, they weren't all out of joy, as Meagher felt she should have shattered the record by much more. This is coming from a girl who now holds the world's top six all-time performances in the event.

"I took out my first 50 too fast, (28.8)," she lamented, "ruining my race, expending too much energy. On the last 50 I was concentrating on keeping my arms up, pressing all the way.

"When I heard the roar of the crowd at the finish I thought I had done much better. When I looked up at the clock, it wasn't what I had expected."

Meagher's coach, Dennis Pursley, admitted that they had come to Irvine aiming for a time of 2:04 or 2:05. Meagher finished the last 50 meters of the race in 33.3, four-and-one-half seconds down from her leadoff leg.

"I should've been dropping only two seconds," she said, "not four. It's really weird, because I've felt so good. I really thought I could bring it back faster than I did."

One swimmer who was not disappointed with her times was Nancy Hogshead of Florida Aquatics. Hogshead followed an earlier second in the 400 individual medley with a second place touch, going 2:11.07 behind Meagher.

"I'm really happy—I didn't expect to do nearly as well in the fly. With the IM and the fly being my two best events, I couldn't scratch from either.

"I've been out of it for about a year-and-a-half due to injuries and lost training, it's just taken so long to get back in \blacktriangleright

U.S WOMEN continued

it," she commented. "I hope now to be back on the national scene again."

In a close race for third, Kym Linehan of Longhorn touched just behind Hogshead, swimming 2:11.57, two full seconds better than her 2:13.91 in prelims.

200 Individual Medley

WORLD RECORD				
Petra Schneider, DDR, 1980		1:03.08		2:13.00
AMERICAN AND U.S. OPEN RECORD				
Tracy Caulkins, USA, 1980	28.76	1:03.05	1:42.38	2:13 69
1980 U.S. INDOOR CHAMPION	200	1,00.00	1,42.00	
	20.00	1:03.85	1-43.53	2:14.73
Tracy Caulkins, Nashville	20.90	1.03.65	1.43.55	2.14.73
DEFENDING OUTDOOR NATIONAL CHAMPION				
Tracy Caulkins, Nashville		1:04.1		2:17.44
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug.	1)			
Tracy Caulkins, 17, Nashville	28.35	1:03.19	1:42.84	
Nancy Hogshead, 18, Florida		1:04.7		2:17.90
Joan Pennington, 20, Longhorn		1:05.3		2:18.60
Karin LaBerge, 16, Germantown		1:07.0		2:19.91
Kim Carlisle, 19, Cin. Pepsi Marlins		1:06.3		2:21.17
Rhonda Rape, 15, Unat.		1:06.8		2:21.87
Julie Ginden, 18, Dynamo		1:07.7		2:22.53
Anne Tweedy, 17, Santa Barbara		1:07.6		2:22.60

When the U.S. Nationals started, Tracy Caulkins had one goal in mind—to beat the Olympic gold medal-winning times in Moscow.

She hadn't, she began getting disappointed, but there really wasn't any reason for her to be concerned.

"It's been a really important meet to me," Tracy said, "but 1 put too much pressure on myself. By the third day of the meet, I was a little bit tired and too uptight."

And then came the 200 individual medley. A breath of fresh air. A new outlook. Tracy's favorite event.

"The 200 IM was an ideal event to relax and have a real comfortable swim," she said. "People weren't comparing the times to Moscow since this is a non-Olympic event, and that took a little pressure off.

"The 200 IM is one of my favorites. It's an ideal event. I just wanted to get out there and race and have a good all-out effort."

She did. The 17-year-old Nashville swimmer breezed to a 2:14.64 win. She won by two body lengths over Florida's Nancy Hogshead, 2:17.90, and Longhorn's Joan Pennington, 2:18.60.

It was just like old times seeing Caulkins, Hogshead and Pennington finish one-two-three, a lofty position they've been accustomed to over the years.

Caulkins' time was the third fastest in the world this year. She also owns the second fastest with her American record time set last January in Austin at the Women's Cup. Hogshead ranked seventh in the world and Pennington, ninth.

Tracy was asked to compare her performance at the Women's Cup with that of Nationals.

"I hadn't had but a week of long course training back in January," Tracy said. "But having the best in the world competing at that meet with the Russians and Germans helped make up for it.

"I'm in better physical condition now, but at the Women's Cup, I was part of a national team, and it's important to really do well for the team. That contributed to part of the reason why I swam better there."

Her performance at Austin was a 2:13.69, which was a world record at the time and now remains as the American record since the DDR's Petra Schneider went 2:13.00 in May.

Her 2:14.64 performance at Irvine saw Caulkins lead the entire way. She split 28.35 after the fly, threw in a 34.84 back to take a body length lead over Hogshead, followed with a 39.65 breast and anchored in a 31.80 freestyle.

When you compare the nitty-gritty splits, Tracy was "off" each 50 by only a few tenths from her American record swim. Her splits, then, were 28.76, 34.29, 39.33 and 31.31. Add them

up, and that's the difference between a world record, an American record and another impressive swim.

"I was shooting for the world record," Caulkins admitted. "Perhaps if I attacked it more, I would have been closer."

As it was, it was Tracy's 27th national title and her seventh in a row in the 200 IM—her longest streak in any event. It was also her fourth gold medal at Irvine.

But realizing a 2:13.69 performance with only a week of long course training at the Women's Cup, one can realize the importance of top international competition.

"It's hard to compare this meet with Moscow," Tracy admitted. "I came here and I thought I could. Although we can compare times, you never really know what would have happened head-to-head."

400 Individual Medley

WORLD RECORD					
Petra Schneider, DDR, 1980	1:01.72	2:12.12	3:32.19	4:36.29	
AMERICAN AND U.S. OPEN RECORD	- '				
Tracy Caulkins, USA, 1978	1:03.20	2:15.40	3:37.39	4:40.83	
1980 U.S. INDOOR CHAMPION					
Anne Tweedy, Santa Barbara	1:04.96	2:19.91	3:44.53	4:49.69	
DEFENDING OUTDOOR NATIONAL CHAMPION				**	
Tracy Caulkins, Nashville	1:04,8	2:19.1	3:42.3	4:49.17	
1980 MOSCOW OLYMPIC MEDALISTS					
Petra Schneider, DDR				4:36.29	
Sharron Davies, GBR				4:46.83	
Agnieszka Czopek, POL				4:48.17	
1980 U.S. OUTDOOR NATIONAL FINALISTS (July	30)	•		7	
Tracy Caulkins, 17, Nashviile	1:03.12	2:14.74	3:36.27		
Nancy Hogshead, 18, Florida	1:03.7	2:16.8	3:42.8	4:47.81	
Karin LaBerge, 16, Germantown	1:07.4	2:20.6	3:44.9	4:49.61	
Anne Tweedy, 17, Santa Barbara	1:05.6	2:21.5	3:46.1	4:50.39	
Joan Pennington, 20, Longhorn	1:05.5	2;20.0	3:45.9	4:54.68	
Bonnie Glasgow, 20, K.C. Orchards	1:06.4	2:23.7	3:53.5	4:58.61	
Sue Heon, 18, Pittsburgh	1:09.2	2:24.0	3:52.6	4:58.81	
Diane Ursin, 17, Mission Viejo		•	-3	DQ	
 American and U.S. Open Record 					

You have to admire Tracy Caulkins.

She set a new American and U.S. Open record in the 400 IM in 4:40.61, breaking her 1978 record by 22-hundredths of a second.

Not to take anything away from her performance, but there's more to admire about Tracy than mere records.

For one, she really didn't have anyone to "push her" for the entire 400 meters.

"When you're out there swimming and nobody is with you," comments Tracy, "you have to have a mental clock in your head."

For another, no matter how much effort was made to make the U.S. Nationals a super meet, it's still not the same as the Olympics, swimming against the best competition the world has to offer.

"The atmosphere and prestige of the Games gets you so psyched up," says Tracy. "It's not hard to get psyched up at all."

When the fans are about as quiet as a crowded elevator during Caulkins' 400 IM race at Nationals, you can begin to understand the difference.

And besides, the 400 IM is a grueling race.

"I knew it would be one of my tough ones," Caulkins admitted. "I'm just glad it's over."

Tracy's goal coming into the meet was to beat the gold medal performances at Moscow. To do that, the 17-year-old Nashville star would also have to set a world record as the DDR's Petra Schneider clocked an impressive 4:36.29.

"My first priority is always to win," Tracy said, "but the main thing I had in my mind was to beat the times they did at the Olympics. I had the splits in my mind of the Olympic gold medal time."

Tracy knew she was a little slow after the first 100 meters of fly. She was ahead of the field at 1:03.12, but she wanted to be out in 1:02.

"It was hard getting my momentum going. If I had gone 1:02, perhaps it would have given me more momentum and it might have set me up for a bit faster time.

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"I have an internal clock inside my head. When you swim so much, you have an idea how fast you're going. I knew my fly and my breaststroke were a bit slow. I guess I felt off the world record pace a little bit, but you don't let it bother you."

As it was, Tracy's time would have finished second in Moscow for a silver medal.

"You always want to go faster, though. I wanted a 36, but I was still satisfied. Those times at Moscow are really good times. I can't get down on myself. I'll just keep on trying and hope to beat the Olympic gold in another event."

Also to be admired were Nancy Hogshead, 18, of Florida and Karin LaBerge, 16, of Germantown Academy. Both girls made the U.S. Olympic team by finishing second and third with times of 4:47.81 and 4:49.61. Hogshead, who turned in a fantastic double the second night of competition by finishing second in both the 400 IM and 200 fly, beat the bronze medal-winning time at Moscow.

The top three U.S. swimmers ranked second, fifth and 10th in the world.

"It's a little consolation knowing where you rank in the world," Caulkins admitted, "but it's not the same thing as the Olympics."

400 Free Relay

WORLD RECORD				
DDR Olympic Team, 1980	54.90	1:50.51	2:46.41	3:42.71
(Krause, Metschuk, Diers, Hulsenbeck)		(55.61)	(55.90)	(56.30)
AMERICAN AND U.S. OPEN RECORD				
USA World Championships Team, 1978	. 56.57	1:52.49	2:48.19	3:43.43
(Caulkins, Elkins, Sterkel, Woodhead)		(55.92)	(55.70)	(55.24)
U.S. CLUB RECORD AND 1980 U.S. INDOOR NATI	ONAL C	HAMPIC	N	
Longhorn Aquatics, 1980	56.18	1:53.76	2:51.40	3:48.23
(Sterkel, Borgmann, Kast, Linehan)	•	(57.58)	(57.64)	(56.83)
DEFENDING OUTDOOR NATIONAL CHAMPION				
Pleasant Hill Swim Club	57.89	1:54.38	2:51.85	3:49.06
(Fiene, Asplund, Gehan, Hoeflich)		(56.49)	(57.47)	(57.21)
1980 MOSCOW OLYMPIC MEDALISTS				
DDR				3:42.71
Sweden				3:48.93
Netherlands				3:49.51
1980 U.S. OUTDOOR NATIONAL FINALISTS (July :	31)			
Cincinnati Pepsi Marlins	56.91	1:54.45	2:51.86	3:48.83
(Meagher, Buese, Carlisle, Elkins)		(57.54)	(57.41)	(56.97)
Longhorn	58.68	1:56.66	2:54.09	3:50.14
(Linehan, Pennington, Borgmann, Sterkel)		(57.98)	(57.43)	(56.05)
Mission Viejo	57.38	1:55.37	2:54.13	3:50.46
(Linzmeier, Amen, Hooker, Habernigg)		(57.99)	(58.76)	(56.33)
Florida "B"	58.01	1:56.62	2:55.54	3:53.09
(Hogshead, Ujevich, Treible, Caulkins)		(58.61)	(58.92)	(57.55)
Concord-Pleasant Hill	57.59		2:54.83	
(Asplund, Gehan, MacFarland, Hoeflich)			(58.26)	
Nashville	57.05	1:56.41	2:54.83	3:54.63
(Caulkins, Phillips, Cross, King)		(59.36)	(58.42)	(59.80)
Foxcatcher	1:00.23	1:59.37	2:57.22	3:55.20
(Scott, Gavin, Kinkead, Elliott)			(57.85)	
Dr. Pepper	58.05		2:56.03	
(Lutz, Williams, Bebin, Winter)		(58.57)	(59.41)	(59.22)

Even Jill Sterkel's best intentions couldn't catch Stephanie Elkins on the last leg of the 400 freestyle relay Thursday night. After Mary T. Meagher led off the Cincinnati squad with a 56.91 (which would have placed her fourth in the 100 free final), her supporting cast of Lisa Buese (57.54) and Kim Carlisle (57.41) just had to hand it off to Stephanie Elkins, who parlayed a 2.2-second lead into a win as she held off the hard-charging Sterkel (56.05, fastest split of the night) in 56.97 to clinch the victory with a 3:48.83.

800 Free Relay

AMERICAN, U.S. OPEN AND U.S. CLUB RECORD
AND 1980 U.S. INDOOR NATIONAL CHAMPION
Longhorn Aquatics, 1980
(Linehan, Kast, Irish, Sterkel)
DEFENDING OUTDOOR NATIONAL CHAMPION
Mission Viejo Nadadores
(Amen, Barker, Hooker, Linzmeier)
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug. 1)
Cincinnati Pepsi Marlins
(Meagher, Buese, Johannigman, Elkins)
Longhorn
(Irish, Fisher, Sterkel, Linehan)
Florida
(Gernaat, Hogshead, Borgh, Treible)

2:01.59 4:07.49 6:11.25 8:14.76 (2:05.90)(2:03.76)(2:03.51)

2:05.37 4:11.51 6:16.74 8:17.06 (2:06.14)(2:05.23)(2:00.32)

1) 2:02.95 4:07.31 6:11.048:13.07* (2:04.36)(2:03.73)(2:02.03) 2:04.86 4:11.32 6:14.05 8:16.45 (2:06.46)(2:02.73)(2:02.40) 2:05.60 4:08.25 6:13.04 8:18.35 (2:02.65)(2:04.79)(2:05.31)

2:05.54 4:11.09 6:17.39 8:19.29 Mission Vieio (2:05.55)(2:06.30)(2:01.90) (Habernigg, Amen, Barnicoat, Linzmeier) Concord-Pleasant Hill 2:05.13 4:10.23 6:14.42 8:20.42 (Asplund, Symons, MacFarland, Gehan) (2:05.10)(2:04.19)(2:06.00) 2:03.91 4:12.15 6:20.29 8:24.90 Industry Hills (White, Rile, Yokoyama, Walsh) (2:08.24)(2:08.14)(2:04.61) 2:03:60 4:11.88 6:19.01 8:25.75 Nachville (2:08.28) (2:07.13) (2:06.74) (Caulkins, Cullen, Cross, Phillips) 2:05.99 4:12.20 6:18.65 8:26.72 Cincinnati Pepsi Marlins "B" (K. Carlisle, Dressman, S. Carlisle, Armbruster) (2:06.21)(2:06.45)(2:08.07) American, U.S. Open and U.S. Club Record

This time, Denny Pursley stacked the deck. At this year's Indoor Nationals at Austin in April, Pursley put Mary T. Meagher in Cincinnati's "B" relay, spreading the wealth and giving Longhorn the win and the American record.

But when the women's 800 free relay got on the blocks Friday night in Irvine, there was Mary T., standing over lane 3 ready to lead off. Anyone who can go 2:06.37 for the 200 fly has got to have a decent freestyle, and Meagher was true to form, going 2:02.95 and helping the Marlins to a wire-to-wire win and the American and U.S. Club records.

400 Medley Relay

and the second s		-
WORLD RECORD	*	
DDR Olympic Team, 1980	1:01.51 2:10.97 3:11.11	
(Reinish, Geweniger, Pollack, Metschuk)	(1:09.46)(1:00.14)	(55.56)
AMERICAN AND U.S. OPEN RECORD		
USA World Championships Team, 1978	1:02.79 2:12.79 3:12.46	
(Jezek, Caulkins, Pennington, Woodhead)	(1:10.00) (59.67)	(55.75)
U.S. CLUB RECORD AND 1980 U.S INDOOR NAT		
Cincinnati Pepsi Marlins, 1980	1:04.07 2:16.07 3:14.94	
(Carlisle, Rhodenbaugh, Meagher, Elkins)	(1:12.00) (58.87)	(56.65)
DEFENDING OUTDOOR NATIONAL CHAMPION		
Longhorn Aquatics	1:05.60 2:18.95 3:20.59	4:17.19
(Fisher, Baron, Pennington, Linehan)	(1:13.35)(1:01.64)	(56.60)
1980 MOSCOW OLYMPIC MEDALISTS		
DDR		4:06.67
Great Britain	•	4:12.24
USSR	•	4:13.61
1980 U.S. OUTDOOR NATIONAL FINALISTS (Aug	g. 2)	
Cincinnati Pepsi Marlins	1:04.58 2:18.74 3:20.27	4:17.81
(Carlisle, Rhodenbaugh, Buese, Elkins)	(1:14.16)(1:01.53)	
Foxcatcher	1:04.26 2:19.71 3:21.23	4:18.91
(Kinkead, McClain, Gavin, Elliott)	(1:15.45)(1:01.52)	(57.68)
Cincinnati Pepsi Marlins "B"	1:04.77 2:21.66 3:21.56	
(Johannigman, Armbruster,	(1:16.89) (59.90)	(58.66)
Meagher, Dressman)		
Concord-Pleasant Hill	1:05.23 2:19.91 3:22.76	4:20.25
(Hoeflich, Spees, Symons, Asplund)	(1:14.68)(1:02.85)	(57.49)
Nashville	1:06.36 2:18.04 3:22.45	4:20.67
(Gregg, Caulkins, King, Cross)	(1:11.68)(1:04.41)	(58.22)
Longhorn	1:05.38 2:21.71 3:23.31	
(Pennington, Baron, Sterkel, Linehan)	(1:16.33)(1:01.60)	
Mission Viejo	1:06.65 2:20.71 3:24.14	
(Browne, Alsobrook,	(1:14.06)(1:03.43)	(56.80)
Fonoimoana, Linzmeier)		
Mission Viejo "B"	1:08.16 2:22.31 3:25.66	
(Noakes, Woodburn, Barker, Habernigg)	(1:14.15)(1:03.35)	(57.14)

Not much was riding on the medley relays on Saturday, the last night of the meet. Not much—just the outcome of the combined team race. Going into the women's event, Mission Viejo held a 13½-point lead over Cincinnati. In order to help his relays along to a projected 1-3 finish, Marlin Coach Denny Pursley put world record holder Mary T. Meagher on the "B" team, with Lisa Buese swimming on the "A".

The strategy worked perfectly. Meagher split 59.90 for her butterfly leg and Cincinnati went 1-3 in the relay, pulling ahead of Mission in the combined scoring, 659-656½. Kim Carlisle led off the CPM "A" relay in 1:04.58 and was followed by Kim Rhodenbaugh (1:14.16), Buese (1:01.53) and Stephanie Elkins (57.54). Cincy's "B" team saw Diane Johannigman go 1:04.77 in the backstroke, touching just after Carlisle and Libby Kinkead, who had the fastest split of the race (1:04.26).

Breaststroke splits as a rule were disappointing, with only one swimmer—Tracy Caulkins, of course—managing a sub-1:14 clocking via her 1:11.68. Eight were under 1:03 in the fly leg, including Meagher, Buese, Patty Gavin (1:01.52), Jill Sterkel (1:01.60), Nancy Hogshead (1:01.94), Betsy Rapp (1:02.80), Wendy Boglioli (1:02.82) and Jill Symons (1:02.85).

Marybeth Linzmeier went 56.80 for the fastest freestyle split of the event.

For the Record

MEN

national

UNITED STATES
OUTDOOR SWIMMING NATIONALS AND OLYMPIC TRIALS Heritage Park Irvine, Calif. July 29-Aug. 2, 1980 50 M. Pool

World Record American and U.S. Open Record American Record World Best, American, U.S. Open and U.S. Club Record U.S. Club Record

TEAM SCORING

COMBINED
Cincinnati Pepsi Marlins 701.0 Mission Viejo...............680.5 Longhorn 612.5 Concord-Pleasant Hill 326.0 Industry Hills 173.0 Dads Club 73.0 De Anza 69.0 Santa Barbara 57.0 Pittsburgh 21.0 Memphis State 15.0 Colorado Rapids 13.0 Cincinnati Pepsi Marlins 482.0
 Longhorn
 386.0

 Mission Viejo
 335.5

 Florida
 232.0

 Nashville
 188.5
 Concord Pleasant Hill 124.5 Foxcatcher.....116.0 Germantown 92.0 Starlit 83.0 Ladera Oaks 41.5 N. Baltimore 40.0

 Central Jersey
 17.0

 St. Petersburg
 16.0

 KC Orchards
 15.0

 Stingary
 14.0

 Anoka Blaine
 13.0

 Glendale
 13.0

 Chapel Hill Y
 12.0

 Memphis State 8.0

Albuquerque	7.0
Solotar	7.0
Coronado	0.0
Walnut Creek	0.0
Jersey Wahoos	5.0
Hurricane	5.0
Ashtabula	5.0
KC Blazers	4.0
Riviera	3.0
Miviera	2.0
Worthington	2.0
Beach	2.0
Dads Club Bernal's Gator	2.0
Caracata	1.0
Sarasota	1.0
MEN	1.0
MEN	245.0
Florida	345.0
Dr. Bonner	222.0
Dr. Pepper	226.6
Conquistador	220.5
Conquistador Cincinnati Pepsi Marlins Concord-Plesant Hill Walnut Creek	210 0
Concord Pleaset Hill	201.5
Welnut Creek	111 0
Industry Hills	27 N
Cardinal	76.0
Mana	74.0
Badger Dolphin	74.0
Dade Club	71.0
Dads Club	55.0
Santa Clara	53.0
Santa Clara	48.0
Wichita	44.0
David Douglas	35.0
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New Haven	34.0
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Reno Gr. Renton Univ. of lowa N. Baltimore Hurricane Stingray Athletes in Action Commerce City Indian Valley Santa Barbara Spicer Baylor Germantowo Memphis State Lakeside Colorado Rapids	24.0 24.0 18.0 17.0 16.0 13.0 11.0 11.0 . 9.0 . 7.0 . 6.0
Renton Univ. of lowa N. Baltimore Hurricane Stingray Athletes in Action Commerce City Indian Valley Santa Barbara Spicer Baylor Germantown Memphis State Lakeside Colorado Rapids Harbison Michiana Marlins	24.0 24.0 18.0 17.0 16.0 13.0 11.0 11.0 . 9.0 . 7.0 . 6.0 . 5.0
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Reno Gr. Renton Univ. of lowa N. Baltimore Hurricane Stingray Athletes in Action Commerce City Indian Valley Santa Barbara Spicer Baylor Germantowo Memphis State Lakeside Colorado Rapids Harbison Michiana Marlins Pittsburgh	. 25.0 . 24.0 . 22.0 . 17.0 . 17.0 . 13.0 . 13.0 . 11.0 . 9.0 . 7.0 . 6.0 5.0 . 3.0
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Reno Gr. Renton Univ. of lowa N. Baltimore Hurricane Stingray Athletes in Action Commerce City Indian Valley Santa Barbara Spicer Baylor Germantowo Memphis State Lakeside Colorado Rapids Harbison Michiana Marlins Pittsburgh Little Rhody So. Illinois Lobo Alamo Area	24.0 24.0 18.0 17.0 17.0 13.0 13.0 13.0 11.0 9.0 6.0 5.0 6.0 3.0 3.0 2.0
Reno Gr. Renton Univ. of lowa N. Baltimore Hurricane Stingray Athletes in Action Commerce City Indian Valley Santa Barbara Spicer Baylor Germantowo Memphis State Lakeside Colorado Rapids Harbison Michiana Marlins Pittsburgh Little Rhody So. Illinois Lobo Alamo Area	24.0 24.0 18.0 17.0 17.0 13.0 13.0 13.0 11.0 9.0 6.0 5.0 6.0 3.0 3.0 2.0
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Reno Gr. Renton Univ. of lowa N. Baltimore Hurricane Stingray Athletes in Action Commerce City Indian Valley Santa Barbara Spicer Baylor Germantowo Memphis State Lakeside Colorado Rapids Harbison Michiana Marlins Pittsburgh	24.0 24.0 18.0 17.0 17.0 13.0 13.0 13.0 11.0 9.0 6.0 5.0 6.0 3.0 3.0 2.0
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Gr. Renton Univ. of lowa N. Baltimore. Hurricane Stingray Athletes in Action Commerce City Indian Valley Santa Barbara Spicer Baylor Germantowo Memphis State Lakeside Colorado Rapids Harbison Michiana Marlins Pittsburgh Little Rhody So. Illimois Lobo Alamo Area West Valley INDIVIDUAL SCORING WOMEN Tracy Caulkins, Nashville	24.0 24.0 18.0 17.0 17.0 16.0 13.0 13.0 11.0 9.0 7.0 6.0 5.0 3.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1
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Reno Gr. Renton Univ. of lowa N. Baltimore Hurricane Stingray Athletes in Action Commerce City Indian Valley Santa Barbara Spicer Baylor Germantowo Memphis State Lakeside Colorado Rapids Harbison Michiana Marlins Pittsburgh Little Rhody So. Illinois Lobo Alamo Area West Valley INDIVIDUAL SCORING WMEN Tracy Caulkins, Nashville Kim Linehan, Longhorn Marybeth Linzmeier, M. Viejo Karin LaBerge, Germantown Cynthia Woodhead, Unat Joan Pennington, Longhorn Nancy Hogshead, Florida*	24.0 24.0 22.0 118.0 17.0 117.0 116.0 113.0 11.0 11.0 11.0 11.0 11.0 11.0 1
Reno Gr. Renton Univ. of lowa N. Baltimore Hurricane Stingray Athletes in Action Commerce City Indian Valley Santa Barbara Spicer Baylor Germantowo Memphis State Lakeside Colorado Rapids Harbison Michiana Marlins Pittsburgh Little Rhody So. Illinois Lobo Alamo Area West Valley INDIVIDUAL SCORING WMEN Tracy Caulkins, Nashville Kim Linehan, Longhorn Marybeth Linzmeier, M. Viejo Karin LaBerge, Germantown Cynthia Woodhead, Unat Joan Pennington, Longhorn Nancy Hogshead, Florida*	24.0 24.0 22.0 118.0 17.0 117.0 116.0 113.0 11.0 11.0 11.0 11.0 11.0 11.0 1
Reno Gr. Renoton Univ. of lowa N. Baltimore. Hurricane Stingray Athletes in Action Commerce City Indian Valley. Santa Barbara Spicer Baylor Germantown Memphis State Lakeside. Colorado Rapids Harbison Michiana Marlins Pittsburgh Little Rhody So. Illinois Lobo Alamo Area West Valley INDIVIDUAL SCORING WOMEN Tracy Caulkins, Nashville Kim Linehan, Longhorn Marybeth Linzmeier, M. Viejo Karin LaBerge, Germantown Cynthia Woodhead, Unat Joan Pennington, Longhorn	24.0 24.0 22.0 118.0 17.0 117.0 116.0 113.0 11.0 11.0 11.0 11.0 11.0 11.0 1

Mike Bruner, Mesa	. 74.0
Jesse Vassallo, M. Viejo	67.0
Brian Goodell, M. Viejo	60.0
Rowdy Gaines, Florida	50.0
Bill Barrett, Cin. Pepsi	52.0
Brian Roney, Industry	50.0
John Simons Cardinal	46.0
John Simons, Cardinal	
Bari Weick, Conquistdr Ron Neugent, Wichita	44.0
Chris Cavanaugh, De Anza	
Olitis Cavallaugii, De Aliza	44.0
WOMEN	
50 M FREESTYLE—July 29	
Championship Finals Jill Sterkei, Longhorn	
Jill Sterkel, Longhorn	26.21
Susie Thayer, Bartow Fly Heather Strang, Gr. Lansing	26.40
Heather Strang, Gr. Lansing	26.46
Sue Habernigg, Mis. Viejo	26.48
Annie Lett, Bartow Fly Diane Wallner, Anoka Blaine	26.73
Diane Wallner, Anoka Blaine	26.79
Amy Pless, Chapel Hill	
Laurie Lehner, Unat	20.90
Consolation Finals	26.52
Kelly Asplund, Con-Pisn	27.03
Lisa Remele, Solotar Ruth Elliott, Foxcatcher	27.00
Maria Doelner Wilton	27.00
Maria Doelger, Wilton Kathy Smith, Bellevue E	27.10
Jane Abraham, Ladera Oaks	27.14
Michele Reagan, Gr. Lansing.	
Liz Brown, Commonwealth	
Prelims	
Susie Thayer, Bartow Fly	26.32
Laurie Lehner, Unat	
Annie Lett, Bartow Fly	26.54
Jill Sterkel, Longhorn	26.57
Jill Sterkel, Longhorn	26.69
Sue Habernigg, Mis. Viejo	26.69
Sue Walsh, Zwicker	. 26.71
Diane Wallner, Anoka Bl	26.72
Michele Reagan, Gr. Lansing	. 26.74
Heather Strang, Gr. Lansing Kathy Smith, Bellevue E	26.74
Kathy Smith, Bellevue E	26.75
Kelly Asplund, Con-Plsn	
Liz Brown, Commonwealth Lisa Remele, Solotar	26.84
Buth Elliett Ecycotcher	26.07
Ruth Elliott, Foxcatcher	
Jane Abraham, Ladera Oaks Maria Doelger, Wilton	26.03
Stacy Smith, Heartland	26.94
Diana Zock Woodlands	26.94
Diana Zock, Woodlands Lisa Buese, Cin. Pepsi	27.00
Anne M. Milling, City Mobile	27.01
Beth Lutz, Dr. Pepper	27.05
Carol Landry, Lakeside	. 27.07
Carol Landry, Lakeside Barb Major, Cardinal	. 27.08
Sue Scott, Foxcatcher	27.15
Wendy Boglioli, Cen. Jersey	27.16
Wendy Boglioli, Cen. Jersey Mary Birdsell, Industry Hl	27.16
Carol Borgman, Longhorn	2,7.20
Beth Washut, Ashtabula	
Buffy Horlander, Indianapolis	27.28
Tracy Spalding, Santa Clara	27.30
Amy Caulkins, Florida Barb Harris, Nebraska	27.35
Lice Debt Invine	27.35
Lisa Dahl, Irvine Jan Ujevich, Florida	
Lisa Zeiser, Meriden	
Liz Mesmer, Blue Dolfins	
Sue Flynn, Foxcatcher	
Grace Whiteis, Rockville	27.43
Rene Sullivan, Nebraska	27.45
Andrea Cross, Nashville	. 27.45
Mary Blomberg, Walnut Crk	27.45

Kathy Shipman, Punahou	. 27.48
Robin Fiene, Con-Plsn	
Mary G. Bell, Sugar Crk	27.50
Katha O'Danaali Carmontowa	07.50
Kathy O'Donnell, Germantown	27.51
Jill Rogers, Cin. Pepsi	. 27.53
Cami Berizzi, Unat Debbie Risen, KC Blaz	. 27.56
Debbie Risen, KC Blaz	. 27.59
Tanya Nielsen, Nashville	27.59
Sharon Vietz Foycatcher	27 50
Erica Nardaca Highling	27.60
Erica Nordean, Highline	. 27.00
Ellen Riley, Lake Erie	27.61
Dana Zonnevylle, Berkeley	. 27.64
Holly Green, Florida	. 27.65
Alison Orr, Huntsville	27.68
Flaine Hall Santa Clara	27 74
Elaine Hall, Santa Clara Michelle Maximo, Foxcatcher	27.75
Michelle Maxillo, Foxcatcher.	. 27.75
Sarah Gengler, Schroeder	27.76
Jacqueline Komrij, Petaluma	. 27.76
Julie Williams, Mis. Vielo	. 27.79
Karen Johansson, Industry HI.	27.80
Karen Johansson, Industry Hl Simone Kusseling, Solotar	27.86
Rebecca Kast, New Hamps	27.00
nebecca Nasi, New Hallips	27.07
Donna Decker, Joliet	27.90
Sue Anderson, Cin. Pepsi	. 27.94
Cathy Clark, Cen. Jersey Stephanie Schoening, Minn	27.99
Stephanie Schoening, Minn	28.03
Mary Ann Dempster, Nashville	28.06
lude De Sando Bookville	28.00
Jude De Sando, Rockville	
Lisa Miller, Memphis St	. 28.10
Sheri Beckett, Starlit. Michelle Williams, Dr. Pepper . Nancy Stephens, Sarasota . Lynn Baker, De Anza . Nina Somerville, Con-Plsn . Laura Blankley, Santa Cruz .	. 28.13
Michelle Williams, Dr. Pepper	28.14
Nancy Stephens, Sarasota	28.17
Lynn Baker De Anza	28 19
Nina Samaruilla Can Plan	28 27
I arras Dia alalam Canta Carra	20.21
Laura Blankley, Santa Cruz	20.20
Octi Claire, Staillt	20.00
Chris Jansky, Santa Clara	28.31
Kelly Welykhalowa, San. Clara .	28.42
Poppie Noch Space City	28 57
Bonnie Nash, Space City	28.70
Jeanne Barkey, Lake Erie	. 28.70
Jeanne Barkey, Lake Erie	. 28.70 28.75
Jeanne Barkey, Lake Erie	. 28.70 28.75
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood	. 28.70 28.75
Jeanne Barkey, Lake Erie	. 28.70 28.75
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood	. 28.70 28.75
Jeanne Barkey, Lake Erie	. 28.70 28.75 . 29.02
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat	28.70 28.75 29.02 56.57 56.61
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat	28.70 28.75 29.02 56.57 56.61
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat	28.70 28.75 29.02 56.57 56.61
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat Jill Sterkel, Longhorn Susie Thayer, Bartow Fly Marybeth Linzmeier, M. Viejo	28.70 28.75 29.02 56.57 56.61 56.81 56.99
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat Jill Sterkel, Longhorn Susie Thayer, Bartow Fly Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo	28.70 28.75 29.02 56.57 56.61 56.81 56.99
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat Jill Sterkel, Longhorn Susie Thayer, Bartow Fly Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo	28.70 28.75 29.02 56.57 56.61 56.81 56.99
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat Jill Sterkel, Longhorn Susie Thayer, Bartow Fly Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo	28.70 28.75 29.02 56.57 56.61 56.81 56.99
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi	56.57 56.61 56.81 56.99 57.19 57.82 57.88
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals	56.57 56.61 56.81 56.89 57.82 57.88 58.41
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals	56.57 56.61 56.81 56.89 57.82 57.88 58.41
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara	28.70 28.75 29.02 56.57 56.61 56.81 56.99 57.19 57.82 57.88 58.41
Jeanne Barkey, Lake Erie Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat Jill Sterkel, Longhorn Susie Thayer, Bartow Fly Marybeth Linzmeier, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdseli, Industry	28.70 28.75 29.02 56.57 56.61 56.99 57.19 57.82 57.88 58.41
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS. Beth O'Connor, Briarwood. 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo. Sue Habernigg, M. Viejo. Lisa Buese, Cin. Pepsi. Stephanie Elkins, Cin. Pepsi. Heather Strang, Gr. Lansing. Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry. Kim Carlisle, Cin. Pepsi.	56.57 56.61 56.81 56.99 57.19 57.82 57.88 58.41 57.58 57.87 57.88
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS. Beth O'Connor, Briarwood. 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn. Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo. Suse Habernigg, M. Viejo. Lisa Buese, Cin. Pepsi. Stephanie Elkins, Cin. Pepsi. Heather Strang, Gr. Lansing. Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry. Kim Carlisle, Cin. Pepsi. Andrea Cross, Nashville.	28.70 28.75 29.02 56.57 56.61 56.81 56.99 57.82 57.82 57.88 58.41 57.58 57.87 57.88
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville.	28.70 28.75 29.02 56.57 56.61 56.81 56.99 57.82 57.82 57.88 58.41 57.58 57.87 57.88
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville.	28.70 28.75 29.02 56.57 56.61 56.81 56.99 57.82 57.82 57.88 58.41 57.58 57.87 57.88
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo	28.70 28.75 29.02 56.57 56.61 56.81 56.99 57.19 57.82 57.88 57.87 57.88 57.87 57.88 57.93 57.98
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo	28.70 28.75 29.02 56.57 56.61 56.81 56.99 57.19 57.82 57.88 57.87 57.88 57.87 57.88 57.93 57.98
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly.	28.70 28.75 29.02 56.57 56.61 56.81 56.99 57.19 57.82 57.88 57.87 57.88 57.87 57.88 57.93 57.98
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Suse Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly.	28.70 28.75 29.02 56.57 56.61 56.81 56.89 57.89 57.82 57.88 57.88 57.88 57.98 57.98 57.98 57.98 57.98
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Suse Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prellms Cynthia Woodhead, Unat.	28.70 28.75 29.02 56.57 56.61 56.81 56.99 57.82 57.88 57.87 57.88 57.98 57.98 57.98 57.98 57.98 57.98
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sus Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prellms Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo	28.70 28.75 29.02 56.57 56.61 56.81 57.82 57.88 57.87 57.87 57.88 57.93 57.98 57.93 57.98 57.93 56.53
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sus Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prellms Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo	28.70 28.75 29.02 56.57 56.61 56.81 57.82 57.88 57.87 57.87 57.88 57.93 57.98 57.93 57.98 57.93 56.53
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con. Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow	28.70 28.75 29.02 56.57 56.61 56.81 57.82 57.88 57.88 57.93 57.98 57.98 57.98 57.98 57.98 57.98 57.88 57.98
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn	28.70 28.75 29.02 56.57 56.61 56.81 57.19 57.82 57.88 57.88 57.87 57.88 57.93 57.88 57.93 57.93 56.53 56.64 56.53 56.64 56.53 56.64 56.53
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con. Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn Sue Habernigg, M. Viejo	28.70 29.02 56.57 56.61 56.81 56.99 57.19 57.82 57.88 57.87 57.88 57.98 57.98 57.98 57.98 57.93
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi	28.70 29.02 56.57 56.61 56.81 56.99 57.19 57.88 57.88 57.98 57.98 56.81 56.83 56.84 56.89 56.89 57.98 57.98 57.98 57.98
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi	28.70 29.02 56.57 56.61 56.61 56.99 57.92 57.88 58.41 57.58 57.87 57.88 57.93 57.93 57.93 56.84 56.93 57.93
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi	28.70 29.02 56.57 56.61 56.61 56.99 57.92 57.88 58.41 57.58 57.87 57.88 57.93 57.93 57.93 56.84 56.93 57.93
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Keily Asplund, Con-Plsn.	28.70 29.02 56.57 56.61 56.81 56.99 57.82 57.88 57.93 57.86 57.93 57.88 57.93 57.86 57.93 56.53 56.63 56.63 56.63 56.63 56.63 56.63 56.79 57.73 57.73 57.73 57.73 57.73 57.73 57.73
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Klyd Asplund, Con-Plsnt. Wendy Boglioli, Cen. Jersey	28.70 29.02 56.57 56.61 56.61 56.99 57.82 57.88 57.87 57.88 57.93 57.93 57.93 56.84 56.53 56.84 56.99 57.88 57.93
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Klyd Asplund, Con-Plsnt. Wendy Boglioli, Cen. Jersey	28.70 29.02 56.57 56.61 56.61 56.99 57.82 57.88 57.87 57.88 57.93 57.93 57.93 56.84 56.53 56.84 56.99 57.88 57.93
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Klyd Asplund, Con-Plsnt. Wendy Boglioli, Cen. Jersey	28.70 29.02 56.57 56.61 56.61 56.99 57.82 57.88 57.87 57.88 57.93 57.93 57.93 56.84 56.53 56.84 56.99 57.88 57.93
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con. Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prellms Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Keily Asplund, Con-Pisnt. Wendy Boglioli, Cen. Jersey Keily Asplund, Con-Pisnt. Wendy Boglioli, Cen. Jersey Tracy Spalding, Santa Clara Mary Birdsell, Industry	28.70 29.02 28.75 56.57 56.61 56.81 56.99 57.82 57.88 57.93 57.87 57.88 57.93
Jeanne Barkey, Lake Erie. Rosemary Trahan, CLASS Beth O'Connor, Briarwood 100 M FREESTYLE—July 30 Championship Finals Cynthia Woodhead, Unat. Jill Sterkel, Longhorn Susie Thayer, Bartow Fly. Marybeth Linzmeier, M. Viejo Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Consolation Finals Tracy Spalding, Santa Clara Mary Birdsell, Industry Kim Carlisle, Cin. Pepsi Andrea Cross, Nashville Kelly Asplund, Con-Plsn. Michelle Amen, M. Viejo Wendy Boglioli, Cen. Jersey Annie Lett, Bartow Fly. Prelims Cynthia Woodhead, Unat. Marybeth Linzmeier, M. Viejo Susie Thayer, Bartow Jill Sterkel, Longhorn Sue Habernigg, M. Viejo Lisa Buese, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Stephanie Elkins, Cin. Pepsi Heather Strang, Gr. Lansing Klyd Asplund, Con-Plsnt. Wendy Boglioli, Cen. Jersey	28.70 29.02 56.57 56.61 56.81 56.99 57.82 57.88 57.87 57.88 57.93 57.88 57.93

Michelle Amen, M. Viejo 57.84 Kim Carlisle, Cin. Pepsi 58.03

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Beth Lutz, Dr. Pepper 5		Heather Strang, Gr. Lansing 2:06.81	Stephanie Elkins, Cin. Pepsi 8:39.48 Karin LaBerge, Germantown . 8:39.53	Libby Kinkead, Foxcatcher1:03.76
Beth Washut, Ashtabula 5		Melanie Rile, Industry 2:06.82 Shelly Bieck, Wichita 2:06.97	Laura Campazano, Unat 8:42.51	Theresa Andrews, N. Baitmre . 1:03.85 Joan Pennington, Longhorn . 1:04.03
Liz Brown, Commonwealth 5 Barb Major, Cardinal 5		Sue Walsh, Zwicker 2:06.97	Linda Irish, Longhorn 8:44.84	Diane Johannigman, C. Pepsi . 1:04.65
Jane Abraham, Ladera Oaks 5		Darci Bodner, Norwin 2:07.13	Linda Thompson, AFOX 8:45.17	Darci Bodner, Norwin 1:04.88
Carol Landry, Lakeside5		Sheryl Barnicoat, M. Viejo 2:07.25	Kim Black, M. Viejo 8:46.17	Consolation Finals
Barb Harris, Nebraska 5		Annie Lett, Bartow Fly 2:07.26	Florence Barker, M. Viejo 8:48.69	Cami Berizzi, Unat1:04.66
Carol Borgmann, Longhorn 5		Darcee Douglas, KC Blazers 2:07.27	Anne Tweedy, Santa Barbara . 8:48.73	Margaret Hoeflich, Con-Plsn . 1:05.37
Lynda White, Industry5		Andrea Cross, Nashville 2:07.31	M.J. Dressman, Cin. Pepsi 8:48.78	Sandy McIntyre, Dynamo 1:05.45
Juli Schulte, Germantown 5		Jennifer Hooker, M. Viejo 2:07.47	Cyndi McCullam, M. Viejo 8:49.39	Meg McCully, St. Petrsbg 1:05.56
Stacy Smith, Heartland 5		Kim Stedman, Industry 2:07.58	Eney Jones, Florida 8:49.77	Debbie Risen, KC Blazers 1:05.59
Tenley Fisher, Longhorn 5		Ellen Ferguson, M. Viejo 2:07.73	Mayumi Yokoyama, Industry . 8:50.49	Patty Gavin, Foxcatcher 1:05.85
Maria Doelger, Wilton 5		Teri McKeever, Industry 2:08.04	Melanie Dion, Unat 8:50.98	Margaret Browne, M. Viejo 1:06.33
Ann Cremin, Ann Arbor5		Julie Williams, M. Viejo 2:08.17	Maura Walsh, Industry Hl 8:51.56	Tauna Vandeweghe, Fxctchr . 1:06.71
Missy Gehan, Con-Plant 5	9.07	Karen Weisel, Paramus 2:08.37	Julie Schulte, Germantown 8:52.08	Prelims
Michele Reagan, Gr. Lansing 5	9.09	Vera Barker, M. Viejo 2:08.45	Jane Boyland, Germantown 8:52.23	Kim Carlisle, Cin. Pepsi 1:03.47
Amy Caulkins, Florida 5	9.10	Kathy Shipman, Punahou 2:08.48	Nancy Nemet, Unat8:52.45	Linda Jezek, Cardinal 1:03.63
Ruth Elliott, Foxcatcher 5	9.18	Liz Mesmer, Blue Dol 2:09.07	Shelly Bieck, Wichita 8:52.50	Sue Walsh, Zwicker 1:03.81
Jennifer Hooker, M. Viejo 5	9.20	Susan Capshaw, Longhorn 2:09.54	Dianne Griebel, Unat 8:53.03	Libby Kinkead, Foxcatcher 1:03.84
Melanie Rile, Industry 5	9.20	Robin Fiene, Con-Pisnt2:10.38	Margee MacFarland, Con-Plsn.8:53.47	Theresa Andrews, N. Baltmre . 1:04.25
Marianne McCaw, Unat5	9.26	Rebecca Kast, New Hampshre 2:11.16	Maureen Jones, Sarasota 8:54.00	Joan Pennington, Longhorn 1:04.41
Libby Kinkead, Foxcatcher 5		Diane Johannigman, Cin. Pepsi DQ	Kelly Gillespie, Glendale 8:54.40	Diane Johannigman, C. Pepsi . 1:04.57
Sara Linke, Unat5		400 M FREESTYLE—July 31	Tiffany Cohen, Unat 8:54.68	Darci Bodner, Norwin 1:04.69
Robin Fiene, Con-Pisnt 5	9.38	Championship Finals	Judy Scovel, De Anza 8:54.99	Margaret Hoeflich, Con-Plsn . 1:05.04
Jan Ujevich, Florida 5		Kym Linehan, Longhorn 4:07.77	Melody Barker, Mis. Viejo 8:55.18	Debbie Risen, KC Blazers 1:05.08
Linda Irish, Longhorn 5	9.46	Cynthia Woodhead, Unat 4:08.17	Molly Kueny, High Pt 8:55.65	Meg McCully, St. Petrsbg 1:05.18
Liz Mesmer, Blue Dolfins 5	9.58 -	Stephanie Elkins, Cin. Pepsi 4:11.58	Lori Strong, Cin. Pepsi 8:55.88	Cami Berizzi, Unat1:05.20
Julie Williams, M. Viejo 5	9.61	Marybeth Linzmeier, M. Viejo . 4:11.92	Krys Napper, Michiana 8:56.41	Sandy McIntyre, Dynamo 1:05.22
Donna Decker, Joliet 5	9.81	Karin LaBerge, Germntwn4:14.18	Brenda Borgh, Florida 8:57.00	Tauna Vandeweghe, Fxcatchr 1:05.26
Kathy Shipman, Punahou5	9.91	Linda Thompson, AFOX 4:14.31	Lynette Gernaat, Florida 8:57.10	Patty Gavin, Foxcatcher 1:05.41
Jill Rogers, Cin. Pepsi5	9.96	Sherri Hanna, Unat 4.15.52	Jennifer Hooker, M. Viejo 8:57.77	Margaret Browne, M. Viejo 1:05.44
Buffy Horlander, Indianapolis 5	9.99	Linda Irish, Longhorn 4:17.94	Cheryl Gillett, AFOX 8:57.78	Ellen Lewis, Walnut Crk 1:05.59
Eliz. Cullen, Nashville 1:0	00.04	Consolation Finals	Lynn Kennedy, Paramus 8:59.00	Lisa Iori, Vineland 1:05.59
Lori Armbruster, Cin. Pepsi 1:0		Sabrina Sagehorn, Pacific 4:15.87	Maria Pease, Starlit 9:00.97	Kim Nicholson, Oregon 1:05.65
Lisa Zeiser, Meriden 1:0	10.07	Lynette Gernaat, Florida 4:17.70	Cay Andres, Cen. Jersey 9:01.17	Elaine Palmer, Bernal Gtr 1:05.67
Amy Pless, Chapel Hill 1:0	JU. 12	Enev Jones, Florida 4:17.89	Darcee Douglas, KC Blaz 9:01.33	Tenley Fisher, Longhorn 1:05.78
Rebecca Kast, New Hmpshre . 1:0		Kelly Gillespie, Glendale 4:18.40	Jocelyn Thomas, Longhorn 9:02.54	Stephanie Lister, Colo. Rpd 1:05.85
Tanya Nielsen, Nashville 1:0		Lynda White, Industry HI 4:18.81	Lynda White, Industry Hl 9:02.73	Jenny Rapp, Starlit1:05.95
Gayle Hegel, Jersey Wah 1:0	10.52	Laura Campuzano, Unat 4:19.50	Michelle Brochner, Unat9:03.86	Karen Turner, Cin. Pepsi 1:05.96
Karen Johansson, Industry 1:0		Judy Scovel, De Anza4:19.83	Vera Barker, M. Viejo 9:04.58	Chris Breedy, Florida 1:06.14
Karen Weisel, Paramus 1:0		M.J. Dressman, Cin. Pepsi 4:26.08	Sheryl Barnicoat, M. Viejo 9:06.83	Denise Lamb, Foxcatcher 1:06.15
Lynn Baker, De Anza 1:0		Prelims	Corinna Weinkofsky, Mesa 9:12.22 Amelia Nalli, Highline 9:12.55	Susan O'Brien, Curl 1:06.29
Lisa Dahl, Irvine 1:0 Mary Ann Dempster, Nashville 1:0		Kym Linehan, Longhorn 4:12.22	Denette King, Nashville9:13.56	Mary Wayte, Chinook1:06.31 Gwen Cross, Best Blue1:06.47
mary Ann Dempster, Nashvine 1.0	/2.01	Stephanie Elkins, Cin. Pepsi 4:12.84	Kim Stedman, Industry Ht 9:15.71	
200 M FREESTYLE—August 1	J	Marybeth Linzmeier, M. Viejo . 4:14.59	Susan Capshaw, Longhorn 9:16.92	Suzy Reynolds, Schroeder 1:06.50 Libby Hill, Santa Clara 1:06.51
Championship Finals		Cynthia Woodhead, Unat 4:14.70	Odsan Capshaw, Longhom 10.32	Dian Girard, Longhorn 1:06.56
Cynthia Woodhead, Unat 1:5	9.44	Linda Irish, Longhorn 4:14.84		Kelly Beach, Ft. Lauderdie 1:06.83
Marybeth Linzmeier, M. Viejo . 2:0		Karin LaBerge, Germantown . 4:15.65	1500 M FREESTYLE—August 2	Rae Gregg, Nashville 1:06.91
Mary T. Meagher, Cin. Pepsi 2:0	11 45	Sherri Hanna, Unat 4:16.04	Final Results (Timed Finals)	
				Tina Helm Con-Plant 1:07 03
Kym Linehan, Longhorn 2:0	1.80	Linda Thompson, AFOX 4:16.39	Kym Linehan, Longhorn 16:21.74	Tina Helm, Con-Plant 1:07.03
Kym Linehan, Longhorn 2:0 Stephanie Elkins, Cin. Pepsi 2:0	01.80 01.94	Linda Thompson, AFOX 4:16.39 Eney Jones, Florida 4:17.19	Kym Linehan, Longhorn 16:21.74 Marybeth Linzmeier, M. Viejo 16:29.76	Jane Esselstyn, Lake Erie 1:07.06
Kym Linehan, Longhorn 2:0	01.80 01.94 03.22	Linda Thompson, AFOX 4:16.39 Eney Jones, Florida 4:17.19 Judy Scovel, De Anza	Kym Linehan, Longhorn 16:21.74 Marybeth Linzmeier, M. Viejo 16:29.76 Karin LaBerge, Germantown 16:32.14	Jane Esselstyn, Lake Erie 1:07.06 Shelly Curruth, Florida 1:07.07
Kym Linehan, Longhorn 2:0 Stephanie Elkins, Cin. Pepsi 2:0 Lisa Buese, Cin. Pepsi 2:0 Michelle Amen, M. Viejo 2:0	01.80 01.94 03.22 04.41	Linda Thompson, AFOX	Kym Linehan, Longhorn 16:21.74 Marybeth Linzmeier, M. Viejo 16:29.76 Karin LaBerge, Germantown 16:32.14 Linda Irish, Longhorn 16:34.80	Jane Esselstyn, Lake Erie 1:07.06 Shelly Curruth, Florida 1:07.07 Buffy Horlander, Indianapolis 1:07.41
Kym Linehan, Longhorn 2:0 Stephanie Elkins, Cin. Pepsi 2:0 Lisa Buese, Cin. Pepsi 2:0	01.80 01.94 03.22 04.41 04.47	Linda Thompson, AFOX	Kym Linehan, Longhorn 16:21.74 Marybeth Linzmeier, M. Viejo 16:29.76 Karin LaBerge, Germantown 16:32.14 Linda Irish, Longhorn 16:34.80 Laura Campuzano, Unat 16:40.04	Jane Esselstyn, Lake Erie 1:07.06 Shelly Curruth, Florida 1:07.07 Buffy Horlander, Indianapolis 1:07.41 Kim Stedman, Industry Hl 1:07.88
Kym Linehan, Longhorn 2:0 Stephanie Elkins, Cin. Pepsi 2:0 Lisa Buese, Cin. Pepsi 2:0 Michelle Amen, M. Viejo 2:0 Gwen Cross, Best Blue 2:0 Consolation Finals	01.80 01.94 03.22 04.41 04.47	Linda Thompson, AFOX	Kym Linehan, Longhorn 16:21.74 Marybeth Linzmeier, M. Viejo 16:29.76 Karin LaBerge, Germantown 16:32.14 Linda Irish, Longhorn 16:34.80 Laura Campuzano, Unat 16:40.04 Linda Thompson, AFOX 16:43.02	Jane Esselstyn, Lake Erie 1:07.06 Shelly Curruth, Florida 1:07.07 Buffy Horlander, Indianapolis 1:07.41 Kim Stedman, Industry Hi 1:07.88 Karen Nicholson, Oregon 1:08.22
Kym Linehan, Longhorn 2:0 Stephanie Elkins, Cin. Pepsi 2:0 Lisa Buese, Cin. Pepsi 2:0 Michelle Amen, M. Viejo 2:0 Gwen Cross, Best Blue 2:0 Consolation Finals Jill Sterkel, Longhorn 2:0	01.80 01.94 03.22 04.41 04.47	Linda Thompson, AFOX	Kym Linehan, Longhorn 16:21.74 Marybeth Linzmeier, M. Viejo 16:29.76 Karin LaBerge, Germantown 16:32.14 Linda Irish, Longhorn 16:34.80 Laura Campuzano, Unat 16:40.04 Linda Thompson, AFOX 16:43.02 Eney Jones, Florida 16:46.90	Jane Esselstyn, Lake Erie 1:07.06 Shelly Curruth, Florida 1:07.07 Buffy Horlander, Indianapolis 1:07.41 Kim Stedman, Industry Hi 1:07.88 Karen Nicholson, Oregon 1:08.22 Jan King, Huntsville 1:08.23
Kym Linehan, Longhorn 2:0 Stephanie Elkins, Cin. Pepsi 2:0 Lisa Buese, Cin. Pepsi 2:0 Michelle Amen, M. Viejo 2:0 Gwen Cross, Best Blue 2:0 Consolation Finals Jill Sterkel, Longhorn 2:0 Susie Thayer, Bartow Fly 2:0	01.80 01.94 03.22 04.41 04.47 03.02 03.70	Linda Thompson, AFOX 4:16.39 Eney Jones, Florida 4:17.19 Judy Scovel, De Anza 4:17.88 Sabrina Sagehorn, Pacific 4:18.60 Laura Campuzano, Unat 4:19.29 Lynette Gernaat, Florida 4:19.31 Lynda White, Industry HI 4:19.46 M.J. Dressman, Cin. Pepsi 4:20.14	Kym Linehan, Longhorn	Jane Esselstyn, Lake Erie 1:07.06 Shelly Curruth, Florida 1:07.07 Buffy Horlander, Indianapolis 1:07.41 Kim Stedman, Industry HI 1:07.88 Karen Nicholson, Oregon 1:08.22 Jan King, Huntsville 1:08.23 Kail Chun, Aulea 1:08.24
Kym Linehan, Longhorn 2:0 Stephanie Elkins, Cin. Pepsi 2:0 Lisa Buese, Cin. Pepsi 2:0 Michelle Amen, M. Viejo 2:0 Gwen Cross, Best Blue 2:0 Consolation Finals Jill Sterkel, Longhorn 2:0 Susie Thayer, Bartow Fly 2:0 Anne Tweedy, Santa Barbara . 2:0	01.80 01.94 03.22 04.41 04.47 03.02 03.70	Linda Thompson, AFOX	Kym Linehan, Longhorn 16:21.74 Marybeth Linzmeier, M. Viejo 16:29.76 Karin LaBerge, Germantown 16:32.14 Linda Irish, Longhorn 16:34.80 Laura Campuzano, Unat 16:40.04 Linda Thompson, AFOX 16:43.02 Eney Jones, Florida 16:46.90 Sherri Hanna, Unat 16:47.50 Judy Scovel, De Anza 16:48.14	Jane Esselstyn, Lake Erie 1:07.06 Shelly Curruth, Florida 1:07.07 Buffy Horlander, Indianapolis 1:07.41 Kim Stedman, Industry Hi 1:07.88 Karen Nicholson, Oregon 1:08.22 Jan King, Huntsville 1:08.23
Kym Linehan, Longhorn 2:0 Stephanie Elkins, Cin. Pepsi 2:0 Lisa Buese, Cin. Pepsi 2:0 Michelle Amen, M. Viejo 2:0 Gwen Cross, Best Blue 2:0 Consolation Finals Jill Sterkel, Longhorn 2:0 Susie Thayer, Bartow Fly 2:0 Anne Tweedy, Santa Barbara 2:0 Beth Washut, Ashtabula 2:0	01.80 01.94 03.22 04.41 04.47 03.02 03.70 03.93 04.49	Linda Thompson, AFOX 4:16.39 Eney Jones, Florida 4:17.19 Judy Scovel, De Anza 4:17.88 Sabrina Sagehorn, Pacific 4:18.60 Laura Campuzano, Unat 4:19.29 Lynette Gernaat, Florida 4:19.31 Lynda White, Industry HI 4:19.46 M.J. Dressman, Cin. Pepsi 4:20.14 Kelly Gillespie, Glendale 4:20.31 Maura Walsh, Industry HI 4:20.81	Kym Linehan, Longhorn 16:21.74 Marybeth Linzmeier, M. Viejo 16:29.76 Karin LaBerge, Germantown 16:32.14 Linda Irish, Longhorn 16:34.80 Laura Campuzano, Unat. 16:40.04 Linda Thompson, AFOX 16:43.02 Eney Jones, Florida 16:47.50 Judy Scovel, De Anza 16:48.14 Dianne Griebel, Unat. 16:49.13	Jane Esselstyn, Lake Erie 1:07.06 Shelly Curruth, Florida 1:07.07 Buffy Horlander, Indianapolis 1:07.41 Kim Stedman, Industry Hi 1:07.88 Karen Nicholson, Oregon 1:08.22 Jan King, Huntsville 1:08.23 Kaili Chun, Aulea 1:08.24 Ellen Buvik, Conquistador 1:08.25
Kym Linehan, Longhorn 2:0 Stephanie Elkins, Cin. Pepsi 2:0 Lisa Buese, Cin. Pepsi 2:0 Michelle Amen, M. Viejo 2:0 Gwen Cross, Best Blue 2:0 Consolation Finals Jill Sterkel, Longhorn 2:0 Susie Thayer, Bartow Fly 2:0 Anne Tweedy, Santa Barbara 2:0 Beth Washut, Ashtabula 2:0 Martha Jahn, Unat. 2:0	11.80 11.94 13.22 14.41 14.47 13.02 13.70 13.93 14.49	Linda Thompson, AFOX 4:16.39 Eney Jones, Florida 4:17.19 Judy Scovel, De Anza 4:17.88 Sabrina Sagehorn, Pacific 4:18.60 Laura Campuzano, Unat 4:19.29 Lynette Gernaat, Florida 4:19.31 Lynda White, Industry HI 4:19.46 M.J. Dressman, Cin. Pepsi 4:20.14 Kelly Gillespie, Glendale 4:20.31 Maura Walsh, Industry HI 4:20.81 Juli Schulte, Germantown 4:21.03	Kym Linehan, Longhorn	Jane Esselstyn, Lake Erie 1:07.06 Shelly Curruth, Florida 1:07.07 Buffy Horlander, Indianapolis 1:07.41 Kim Stedman, Industry Hi 1:07.88 Karen Nicholson, Oregon 1:08.22 Jan King, Huntsville 1:08.23 Kaili Chun, Aulea 1:08.24 Ellen Buvik, Conquistador 1:08.25 Jan Baubus, Ann Arbor 1:11.11
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Kym Linehan, Longhorn 2:0 Stephanie Elkins, Cin. Pepsi 2:0 Michelle Amen, M. Viejo 2:0 Gwen Cross, Best Blue 2:0 Consolation Finals Jill Sterkel, Longhorn 2:0 Susie Thayer, Bartow Fly 2:0 Beth Washut, Ashtabula 2:0 Martha Jahn, Unat. 2:0 Kelly Gillespie, Glendale 2:0 Maura Walsh, Industry 2:0 Tracy Spalding, Santa Clara 2:0 Prellims Cynthia Woodhead, Unat. 2:0 Kym Linehan, Longhorn 2:0 Mary T. Meagher, Cin. Pepsi 2:0 Marybeth Linzmeler, M. Viejo 2:0 Lisa Buese, Cin. Pepsi 2:0 Marybeth Linzmeler, M. Viejo 2:0 Marybeth Linzmeler, M. Viejo 2:0 Mary T. Meagher, Cin. Pepsi 2:0 Marybeth Linzmeler, M. Viejo 2:0 Beth Washut, Ashtabula 2:0 Beth Washut, Ashtabula 2:0 Beth Washut, Ashtabula 2:0 Beth Washut, Ashtabula 2:0 Martha Jahn, Unat. 2:0 Martha Jahn, Una	11.80 11.94 11.93 11.94 11.94 11.94 11.94 11.95 11.95 11.06 11.39 11	Linda Thompson, AFOX	Kym Linehan, Longhorn 16:21.74 Marybeth Linzmeier, M. Viejo 16:29.76 Karin LaBerge, Germantown 16:32.14 Linda Irish, Longhorn 16:34.80 Laura Campuzano, Unat. 16:40.04 Linda Thompson, AFOX 16:43.02 Eney Jones, Florida 16:46.90 Sherri Hanna, Unat. 16:47.50 Judy Scovel, De Anza 16:48.14 Dianne Griebel, Unat. 16:49.13 Vera Barker, M. Viejo 16:51.09 Kim Black, M. Viejo 16:52.90 Cheryl Gillett, AFOX 16:53.09 Tiffany Cohan, Unat. 16:53.24 Sabrina Sagehorn, Pacific 16:55.98 Maureen Jones, Sarasota 16:57.03 Lynette Gernaat, Florida 16:59.03 Krys Napper, Michiana 16:59.72 Nancy Nemet, Unat. 16:59.78 Jocelyn Thomas, Longhorn 17:01.85 Florence Barker, M. Viejo 17:01.96 Molly Kueny, High Point 17:02.12 Kelly Gillespie, Glendale 17:02.58 Cay Andres, Cen. Jersey 17:03.75 Jane Boyland, Germantown 17:04.04 Margee MacFarland, Con-Pls 17:04.69 M.J. Dressman, Cin. Pepsi 17:09.62 Shelly Bieck, Wichita 17:09.86 Jennifer Hooker, M. Viejo 17:10.34 Lynn Kennedy, Paramus 17:12.14 Melanie Dion, Unat 17:12.49 Sue Heon, Pittsburgh 17:12.79 Melody Barker, M. Viejo 17:15.27 Melody Barker, M. Viejo 17:16.81 Darcee Douglas, KC Blazers 17:21.58 Amelia Nalli, Highline 17:22.25 Patti Weideman, Unat 17:41.91 Stephanie Porter, M. Viejo 18:05.46 Cassie Cochran, AFOX 18:11.38 Linda Jezek, Cardinal 1:03.16	Jane Esselstyn, Lake Erie. 1.07.06 Shelly Curruth, Florida 1.07.07 Buffy Horlander, Indianapolis 1.07.41 Kim Stedman, Industry Hi. 1.07.88 Karen Nicholson, Oregon. 1.08.22 Jan King, Huntsville. 1.08.23 Kaili Chun, Aulea 1.08.24 Ellen Buvik, Conquistador. 1.08.25 Jan Baubus, Ann Arbor. 1.11.11 200 M BACKSTROKE—July 29 Champlonship Finals Linda Jezek, Cardinal 2.14.52 Libby Kinkead, Foxcatcher. 2.15.65 Joan Pennington, Longhorn. 2:16.22 Kim Carlisle, Cin. Pepsi. 2:16.39 Sue Walsh, Zwicker. 2:16.85 Darci Bodner, Norwin. 2:17.22 Dian Girard, Longhorn. 2:17.94 Meg McCully, St. Petrsbg. 2:20.85 Consolation Finals Tenley Fisher, Longhorn. 2:18.12 Margaret Hoeflich, Con-Plsn. 2:18.12 Margaret Hoeflich, Con-Plsn. 2:18.14 Jenny Rapp, Starlit. 2:19.67 Sherri Hayward, Worthington. 2:19.67 Sherri Hayward, Worthington. 2:19.67 Sherri Hayward, Worthington. 2:19.67 Sherli Hayward, Worthington. 2:16.25 Darci Bodner, Norwin. 2:15.58 Joan Pennington, Longhorn. 2:16.22 Darci Bodner, Norwin. 2:18.30 Margaret Hoeflich, Con-Plsn. 2:18.30 Stephanie Lister, Colo. Rapids 2:18.30 Stephanie Lister, Colo. Rapids 2:18.30 Stephanie Lister, Colo. Rapids 2:18.30 Sherri Hayward, Worthington. 2:20.79 Shelly Curruth, Florida. 2:21.09

2:16.99 2:18.12 2:18.43 2:18.44 2:19.67 2:19.93 2:21.19 2:23.54 2:14.78 2:15.58 2:16.22 2:16.82 2:17.41 2:18.26 2:18.30 2:18.30 2:18.30 2:18.65 2:18.65 2:18.93 2:20.79 2:21.06 2:21.19 Nancy Hogshead, Florida 2:21.20 ▶ Swimming World/August 87

Manager Brauna M Wints 2001 01	Halan Hudo Biramingham 1:18 80	Mary Birdsell, Industry 1:02.90	Carol Moyer, M. Viejo2:18.43
Margaret Browne, M. Viejo 2:21.21	Helen Hyde, Birgmingham 1:18.80		Michele Kurtzman, N. Bltmre . 2:18.62
Sandy McIntyre, Dynamo 2:21.24	Maureen McLeay, Omaha 1:18.90	Wendy Boglioli, Cen. Jersey 1:02.90	
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Jan King, Huntsville 2:21.67	200 M PREASTSTROVE July 21	Stephanie Hopper, Best Blue . 1:02.99	Nancy McCrea, Space City 2:18.92
Chris Breedy, Florida 2:21.76	200 M BREASTSTROKE—July 31	Lelei Fonoimoana, M. Viejo 1:03.06	Maria Pease, Starlit 2:19.10
Tina Helm, Con-Plsn2:22.40	Championship Finals	Lisa lori, Vineland 1:03.09	Holly Green, Florida2:19.10
Ellen Lewis, Walnut Crk 2:22.50	Tracy Caulkins, Nashville 2:34.66	Jill Symons, Con-Plant 1:03.12	Diane Ursin, M. Viejo 2:19.11
	Terri Baxter, Ladera Oaks 2:34.66	Kathy Shipman, Punahou 1:03.14	Stephanie Hopper, Best Blue . 2:19.21
Kaili Chun, Aulea 2:22.54	Susan Rapp, Starlit 2:35.08		Merideth Williams, Unat2:19.29
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Diana Zock, Woodlands 2:22.87	Polly Winde, N. Baltmre 2:37.30	Patty Gavin, Foxcatcher 1:03.31	Julie Effinger, Florida 2:21.04
Laura Barber, Pittsburgh 2:22.95	Kathy Treible, Florida 2:37.45	Patty King, Nashville 1:03.35	Karinne Miller, Nashville 2:21.05
	Torry Blazey, Florida 2:38.46	Maria Doelger, Wilton 1:03.76	Sue Anderson, Cin. Pepsi 2:22.02
Lynn Reynolds, Alamo 2:23.39	Kim Rhodenbaugh, Cin. Pepsi 2:38.87		Angie Wester, De Anza 2:22.52
Theresa Andrews, N. Baltimre 2:23.48	Consolation Finals	Bonnie Nash, Space City1:03.77	
Cindy Brisbin, Unat2:23.79		Barb Harris, Nebraska 1:03.80	Stephanie Porter, M. Viejo 2:22.60
Shelly Carlisle, Cin. Pepsi 2:23.93	Anne Tweedy, Santa Barbara . 2:38.89	Jodi Alexander, De Anza 1:03.81	Julia Ritchie, Beach 2:22.77
Zena Hermann, Cardinal 2:24.09	Eileen Collier, Paramus 2:39.06	Heather Strang, Gr. Lansing 1:03.83	Tracy Stanhoff, Beach 2:23.54
	Kim Alsobrook, M. Viejo 2:39.40	Melody Barker, M. Viejo 1:03.91	Beth O'Connor, Briarwood 2:23.72
Rae Gregg, Nashville 2:24.11	Sara Guido, Longhorn 2:39.66		Both & Connor, Brian Wood 111 2:20172
Carol Wiegand, Joliet 2:24.21	Julie Ginden, Dynamo 2:39.86	Laura Blankley, Santa Cruz 1:03.97	200 M IND. MEDLEY-August 1
Denise Lamb, Foxcatcher 2:24.26		Jenny Rapp, Starlit 1:04.08	
Michelle Hampton, Industry 2:24.47	Margaret Brown, Riviera 2:41.28	Terriane McGuirk, Lng Isid 1:04.23	Championship Finals
Susan O'Brien, Curl 2:25.02	Jackie Heeney, Santa Clara 2:42.06	Macie Phillips, Nashville 1:04.25	Tracy Caulkins, Nashville 2:14.64
	Patty Waters, Stingray 2:44.16	Michele Kurtzman, N. Baltmre 1:04.27	Nancy Hogshead, Florida 2:17.90
Kim Nicholson, Oregon 2:25.61	Prelims	Teri McKeever, Industry 1:04.33	Joan Pennington, Longhorn 2:18.60
Laura Warwick, Dick Bower 2:25.65	Tracy Caulkins, Nashville 2:35.56		Karin LaBerge, Germantown . 2:19.91
Kris Isackson, Florida 2:27.46	Terri Baxter, Ladera Oaks 2:36.72	Cami Berizzi, Unat1:04.33	Kim Carlisle, Cin. Pepsi 2:21.17
Ellen Buvik, Conquistador2:27.89		Ann Ardell, Walnut Crk 1:04.37	
Jan Baubus, Ann Arbor 2:28.94	Kathy Treible, Florida 2:37.00	Nancy McCrea, Space City 1:04.37	Rhonda Rape, Unat2:21.87
Leslie Maurer, San Dieguito 2:29.02	Kathy Smith, Bellevue E 2:37.14	Karinne Miller, Nashville 1:04.66	Julie Ginden, Dynamo 2:22.53
	Susan Rapp, Starlit 2:38.21	Mayumi Yokoyama, Industry . 1:04.67	Anne Tweedy, Santa Barbara . 2:22.60
Mary Wayte, Chinook2:29.11	Kim Rhodenbaugh, Cin. Pepsi 2:38.52		Consolation Finals
Karen Nicholson, Oregon 2:29.78	Polly Winde, N. Baltmre2:39.03	Melinda Pitts, Jackson 1:04.67	Jenny Rapp, Starlit 2:21.28
Kelly Beach, Ft. Lauderdle DQ		Grace Whiteis, Rockville 1:04.68	
Swim-Off	Torry Blazey, Florida 2:39.21	Mary Hurrell, Paramus 1:04.70	Michele Kurtzman, N. Baltmre 2:21.41
Dian Girard, Longhorn 2:17.75	Julie Ginden, Dynamo 2:39.26	Leslie Grimley, Santa Clara 1:04.73	Sue Heon, Pittsburgh 2:21.43
	Margaret Brown, Riviera 2:39.46	Martina Bebin, Dr. Pepper 1:04.74	Gayle Hegel, Jersey Wah 2:22.06
Margaret Hoeflich, Con-Plant. 2:18.79	Kim Alsobrook, M. Viejo 2:39.86	Carol Borgmann, Longhorn 1:04.75	Patty Gavin, Foxcatcher 2:22.23
	Eileen Collier, Paramus 2:39.92		Terri Baxter, Ladera Oaks 2:22.66
100 M BREASTSTROKE-July 29		Chris Breedy, Florida 1:04.77	
Championship Finals	Sara Guido, Longhorn 2:39.96	Diane Kutsunai, Punahou 1:04.81	Bonnie Glasgow, KC Orchards 2:23.57
	Anne Tweedy, Santa Barbara . 2:40.17	Angie Wester, De Anza 1:04.92	Lori Armbruster, Cin. Pepsi 2:25.44
Tracy Caulkins, Nashville 1:10.40*	Patty Waters, Stingray 2:40.18	Linda Valerio, Penguin 1:04.94	Prelims
Terri Baxter, Ladera Oaks 1:12.42	Jackie Heeney, Santa Clara 2:40.60	Andrea Cross, Nashville 1:05.00	Tracy Caulkins, Nashville 2:17.46
Susan Rapp, Starlit 1:12.93	Sharon Thomas, CLASS 2:40.67		Nancy Hogshead, Florida 2:18.60
Kim Rhodenbaugh, Cin. Pepsi 1:12.97	Michelle Merchant, Dads 2:40.97	Beth O'Connor, Briarwood 1:05.06	Karin LaBerge, Germantown . 2:19.55
Kathy Smith, Bellevue E 1:13.10		Nancy Placak, Unat 1:05.07	
Patty Waters, Stingray 1:13.57	Jennifer Baron, Longhorn 2:41.22	Sue Collins, Santa Clara 1:05.27	Joan Pennington, Longhorn 2:19.72
	Dana Morton, Cardinal 2:41.39	Missy Gehan, Con-Pisnt1:05.31	Anne Tweedy, Santa Barbara . 2:20.54
Kathy Treible, Florida 1:13.65	Cindy Bodenstedt, Industry 2:42.03	Carol Moyer, M. Viejo 1:05.43	Kim Cartisle, Cin. Pepsi 2:20.84
Kim Alsobrook, Mis. Viejo 1:13.80	Cassie Cochran, AFOX 2:42.10	Lisa Martinez, Longhorn 1:05.43	Julie Ginden, Dynamo 2:21.26
Consolation Finals	Lisa Geiger, Germantown 2:42.26	Simone Kusseling, Solotar 1:05.46	Rhonda Rape, Unat2:21.38
Tami Paumier, Columbia 1:14.19	Katie Hazelwood, Schroeder . 2:42.77		Gayle Hegel, Jersey Wah 2:21.44
Patty Spees, Con-Plsn 1:14.57	Diane Johnson, Industry 2:42.88	Julie Effinger, Florida 1:05.54	Michele Kurtzman, N. Baltmre 2:21.55
Darcy Ruane, Unat 1:14.82		Eliz. Cullen, Nashville 1:05.57	
	Cindy Tuttle, Con-Plsnt 2:43.14	Lisa McClain, Foxcatcher 1:05.63	Sue Heon, Pittsburgh 2:21.68
Poily Winde, N. Baltmre1:14.86	Julie Johnson, Santa Clara 2:43.49	Kim Stedman, Industry 1:05.91	Jenny Rapp, Starlit2:21.78
Julie Ginden, Dynamo 1:14.98	Jan Ujevich, Florida 2:44.64	Teresa Massey, Tallahassee . 1:05.92	Patty Gavin, Foxcatcher 2:22.18
Torry Blazey, Florida 1:14.99	Barb Mitchell, Tacoma 2:44.73	Libbie Beaudet, Cardinal 1:06.37	Terri Baxter, Ladera Oaks 2:22.28
Michelle Merchant, Dads Club 1:15.91	Gayle Hegel, Jersey Wah 2:44.81		Lori Armbruster, Cin. Pepsi 2:22.30
Jacqueline Komrij, Petaluma DQ	Martha Kitch, Heartland 2:45.52	Pam Haaland, M. Viejo 1:06.64	Bonnie Glasgow, KC Orchards 2:22.81
Prelims		Sharon Herzog, Germantown . 1:06.67	
	Jennifer Luhn, W. Valley 2:45.73	Tracy Stanhoff, Beach 1:07.02	Dian Girard, Longhorn 2:22.87
Tracy Caulkins, Nashville 1:11.42	Michele Kurtzman, N. Baltmre 2:46.89	Jeanne Barkey, Lake Erie 1:07.36	Tori Hames, Hurricane 2:23.03
Terri Baxter, Ladera Oaks 1:12.47	Dawn Rodighiero, Longhorn 2:47.99	Amy Caulkins, Florida 1:07.42	Jan Ujevich, Florida 2:23.15
Kathy Smith, Bellevue E 1:13.10	Lisa McClain, Foxcatcher 2:48.08		Michelle Merchant, Dads 2:23.19
Susan Rapp, Starlit 1:13.19	Shannon Orcutt, M. Viejo 2:48.26	200 M BUTTERFLY—July 30	Kathy Smith, Bellevue E 2:23.33
Kim Rhodenbaugh, Cin. Pepsi 1:13.24	Dori Vollmar, Industry 2:49.34	Championship Finals	Diane Johnson, Industry 2:23.82
Patty Waters, Stingray 1:13.34		Mary T. Meagher, Cin. Pepsi 2:06.37**	
	Tami Paumier, Columbia DQ		Sheryl Brosseau, Starlit 2:23.85
Kathy Treible, Florida 1:13.45	Patty Spees, Con-PlantDQ	Nancy Hogshead, Florida 2:11.07	Jodi Alexander, De Anza 2:23.97
Kim Alsobrook, M. Viejo 1:13.74	Patrice Delaney, De Anza DQ	Kym Linehan, Longhorn 2:11.57	Christi Woolger, Ft. Laudrdle . 2:24.04
Darcy Ruane, Unat 1:14.00	·	Linda Thompson, AFOX 2:11.70	Sue Walsh, Zwicker 2:24.08
Polly Winde, N. Baltimre 1:14.07	100 M BUTTERFLY—August 2	Diane Johannigman, Cin. Pep. 2:12.48	Melissa Rossie, CLASS 2:24.14
Torry Blazey, Florida 1:14.10	Championship Finals	Betsy Rapp, Starlit 2:13.96	Lisa Martinez, Longhorn 2:24.47
Patty Spees, Con-Pisn 1:14.49	Mary T. Meagher, Cin. Pepsi 59.41	Mayumi Yokoyama, Industry . 2:14.32	
Julie Ginden, Dynamo 1:14.57	Tracy Caulkins, Nashville 1:00.75	Lisa Buese, Cin. Pepsi 2:15.45	Shelley Carlisle, Cin. Pepsi 2:24.63
		Consolation Finals	Sara Linke, Unat
Tami Paumier, Columbia 1:14.59	Lisa Buese, Cin. Pepsi 1:01.05		Janet Buchan, Tacoma 2:24.88
Michelle Merchant, Dads Club 1:14.79	Diane Johannigman, C. Pepsi . 1:01.33	Macie Phillips, Nashville 2:15.35	Amy Winter, Dr. Pepper 2:24.90
Jacqueline Komrij, Petaluma . 1:14.95	Jill Sterkel, Longhorn 1:01.67	Maryann Brandiger, Albuqrqe . 2:15.59	Jennifer Baron, Longhorn 2:25.01
Margaret Brown, Riviera 1:15.05	Laurie Lehner, Ünat 1:01.76	Melody Barker, M. Viejo 2:15.62	Michelle Amen, M. Viejo 2:25.20
Stephanie Woodburn, M. Viejo 1:15.06	Nancy Hogshead, Florida 1:02.09	Kelly Gillespie, Glendale 2:15.82	Amy Pless, Chapel Hill 2:25.37
Cindy Tuttle, Con-Plant 1:15.46	Joan Pennington, Longhorn 1:02.57	Teri McKeever, Industry 2:16.37	Katie Hazelwood, Schroeder . 2:25.58
Shannon Orcutt, M. Viejo 1:15.49	Consolation Finals	Maura Walsh, Industry 2:16.50	
			Carol Borgmann, Longhorn 2:25.64
Jennifer Baron, Longhorn 1:15.53	Sue Anderson, Cin. Pepsi 1:02.09	Sandi Sciples, Memphis 2:16.57	Lisa McClain, Foxcatcher 2:25.81
Meg Wright, Meriden 1:15.56	Wendy Boglioli, Cen. Jersey 1:02.30	Patty King, Nashville 2:16.87	Linda Jezek, Cardinal 2:25.92
Heather Davis, Unat 1:15.72	Sandi Sciples, Memphis 1:02.52	Prelims	Melody Barker, M. Viejo 2:25.99
Dana Morton, Cardinal 1:16.18	Linda Thompson, AFOX 1:02.68	Mary T. Meagher, Cin. Pepsi 2:10.79	Libbie Beaudet, Cardinal 2:26.21
Kristin Samuelson, Dynamo 1:16.20	Mary Birdsell, Industry 1:02.77	Nancy Hogshead, Florida 2:11.67	
Martha Kitch, Heartland 1:16.39	Holly Green, Florida 1:02.84	Linda Thompson, AFOX 2:12.69	Tawny Hood, M. Viejo 2:26.92
			Polly Winde, N. Baltmre2:26.98
Jackie Heeney, Santa Clara 1:16.46	Julia Ritchie, Beach 1:03.06	Kym Linehan, Longhorn 2:13.91	Mary Ann Dempster, Nashville 2:27.89
Lisa McClain, Foxcatcher1:16.64	Betsy Rapp, Starlit 1:03.31	Lisa Buese, Cin. Pepsi 2:14.02	Diane Ursin, M. Viejo 2:28.09
Diane Johnson, Industry 1:16.64	Prelims	Betsy Rapp, Starlit 2:14.21	Sue Habernigg, M. Viejo 2:28.58
Gayle Hegel, Jersey Wah 1:16.66	Joan Pennington, Longhorn 1:01.31	Diane Johannigman, Cin. Pep 2:14.34	Patty Waters, Stingray 2:30.50
Amy Winter, Dr. Pepper 1:16.69		Mayumi Yokoyama, Industry . 2:14.41	. atty maters, othigray
בסונו ביייי ופקקס זיוע, ופוואיז קווות	Diane Johannigman C Pensi 1:01 49	yenn renegation inducting a minimal	400 M IND. MEDLEY—July 30
Cara Guido Longhorn 1.10 00	Diane Johannigman, C. Pepsi . 1:01.49	Macie Philling Nachville 2:15:12	
Sara Guido, Longhorn 1:16.88	Mary T. Meagher, Cin. Pepsi 1:01.50	Macie Phillips, Nashville 2:15.13	
Kathy Clarke, De Anza 1:16.89	Mary T. Meagher, Cin. Pepsi 1:01.50 Tracy Caulkins, Nashville 1:01.58	Teri McKeever, Industry 2:15.71	Championship Finals
Kathy Clarke, De Anza 1:16.89 Kerry Stewart, Tacoma 1:18.93	Mary T. Meagher, Cin. Pepsi 1:01.50 Tracy Caulkins, Nashville 1:01.58 Lisa Buese, Cin. Pepsi 1:01.58	Teri McKeever, Industry 2:15.71 Melody Barker, M. Viejo 2:15.72	Championship Finals Tracy Caulkins, Nashville 4:40.61*
Kathy Clarke, De Anza 1:16.89	Mary T. Meagher, Cin. Pepsi 1:01.50 Tracy Caulkins, Nashville 1:01.58	Teri McKeever, Industry 2:15.71 Melody Barker, M. Viejo 2:15.72 Sandi Sciples, Memphis 2:16.09	Championship Finals Tracy Caulkins, Nashville 4:40.61* Nancy Hogshead, Florida 4:47.81
Kathy Clarke, De Anza 1:16.89 Kerry Stewart, Tacoma 1:16.93 Barb Mitchell, Tacoma 1:16.94	Mary T. Meagher, Cin. Pepsi 1:01.50 Tracy Caulkins, Nashville 1:01.58 Lisa Buese, Cin. Pepsi 1:01.58	Teri McKeever, Industry 2:15.71 Melody Barker, M. Viejo 2:15.72	Championship Finals Tracy Caulkins, Nashville 4:40.61*
Kathy Clarke, De Anza	Mary T. Meagher, Cin. Pepsi 1:01.50 Tracy Caulkins, Nashville 1:01.58 Lisa Buese, Cin. Pepsi 1:01.58 Jill Sterkel, Longhorn 1:01.88 Laurie Lehner, Unat	Teri McKeever, Industry 2:15.71 Melody Barker, M. Viejo 2:15.72 Sandi Sciples, Memphis 2:16.09 Patty King, Nashville 2:16.38	Championship Finals Tracy Caulkins, Nashville 4:40.61 Nancy Hogshead, Florida 4:47.81 Karin LaBerge, Germantown . 4:49.61
Kathy Clarke, De Anza	Mary T. Meagher, Cin. Pepsi 1:01.50 Tracy Caulkins, Nashville 1:01.58 Lisa Buese, Cin. Pepsi 1:01.58 Jill Sterkel, Longhorn 1:02.80 Laurie Lehner, Unat 1:02.10 Nancy Hogshead, Florida 1:02.31	Teri McKeever, Industry	Championship Finals Tracy Caulkins, Nashville 4:40.61* Nancy Hogshead, Florida 4:47.81 Karin LaBerge, Germantown . 4:49.61 Anne Tweedy, Santa Barbara . 4:50.39
Kathy Clarke, De Anza	Mary T. Meagher, Cin. Pepsi. 1:01.50 Tracy Caulkins, Nashville 1:01.58 Lisa Buese, Cin. Pepsi 1:01.58 Jill Sterkel, Longhorn 1:02.10 Laurie Lehner, Unat 1:02.10 Nancy Hogshead, Florida 1:02.31 Linda Thompson, AFOX 1:02.38	Teri McKeever, Industry 2:15.71 Melody Barker, M. Viejo 2:15.72 Sandi Sciples, Memphis 2:16.09 Patty King, Nashville 2:16.38 Kelly Gillespie, Glendale 2:16.80 Maryann Brandiger, Albuqrqe .2:16.92	Championship Finals Tracy Caulkins, Nashville 4:40.61* Nancy Hogshead, Florida 4:47.81 Karin LaBerge, Germantown . 4:49.61 Anne Tweedy, Santa Barbara . 4:50.39 Joan Pennington, Longhorn 4:54.68
Kathy Clarke, De Anza	Mary T. Meagher, Cin. Pepsi. 1:01.50 Tracy Caulkins, Nashville 1:01.58 Lisa Buese, Cin. Pepsi 1:01.58 Jill Sterkel, Longhorn 1:01.88 Laurie Lehner, Unat 1:02.10 Nancy Hogshead, Florida 1:02.31 Linda Thompson, AFOX 1:02.38 Holly Green, Florida 1:02.41	Teri McKeever, Industry 2:15.71 Melody Barker, M. Viejo 2:15.72 Sandi Sciples, Memphis 2:16.09 Patty King, Nashville 2:16.38 Kelly Gillespie, Glendale 2:16.80 Maryann Brandiger, Albuqrqe .2:16.92 Maura Walsh, Industry 2:17.07	Championship Finals Tracy Caulkins, Nashville 4:40.61* Nancy Hogshead, Florida 4:47.81 Karin LaBerge, Germantown . 4:49.61 Anne Tweedy, Santa Barbara . 4:50.39 Joan Pennington, Longhorn . 4:54.68 Bonnie Glasgow, KC Orchards 4:58.61
Kathy Clarke, De Anza	Mary T. Meagher, Cin. Pepsi 1:01.50 Tracy Caulkins, Nashville 1:01.58 Lisa Buese, Cin. Pepsi 1:01.58 Jill Sterkel, Longhorn 1:01.88 Laurie Lehner, Unat 1:02.10 Nancy Hogshead, Florida 1:02.31 Linda Thompson, AFOX 1:02.38 Holly Green, Florida 1:02.41 Sandi Sciples, Memphis 1:02.47	Teri McKeever, Industry 2:15.71 Melody Barker, M. Viejo 2:15.72 Sandi Sciples, Memphis 2:16.09 Patty King, Nashville 2:16.38 Kelly Gillespie, Glendale 2:16.80 Maryann Brandiger, Albuqrqe .2:16.92 Maura Walsh, Industry 2:17.07 Lisa Martinez, Longhorn 2:17.92	Championship Finals Tracy Caulkins, Nashville 4:40.61* Nancy Hogshead, Florida 4:47.81 Karin LaBerge, Germantown . 4:49.61 Anne Tweedy, Santa Barbara . 4:50.39 Joan Pennington, Longhorn 4:54.68 Bonnie Glasgow, KC Orchards 4:58.61 Sue Heon, Pittsburgh 4:58.81
Kathy Clarke, De Anza	Mary T. Meagher, Cin. Pepsi. 1:01.50 Tracy Caulkins, Nashville 1:01.58 Lisa Buese, Cin. Pepsi 1:01.58 Jill Sterkel, Longhorn 1:01.88 Laurie Lehner, Unat 1:02.10 Nancy Hogshead, Florida 1:02.31 Linda Thompson, AFOX 1:02.38 Holly Green, Florida 1:02.41	Teri McKeever, Industry 2:15.71 Melody Barker, M. Viejo 2:15.72 Sandi Sciples, Memphis 2:16.09 Patty King, Nashville 2:16.38 Kelly Gillespie, Glendale 2:16.80 Maryann Brandiger, Albuqrqe .2:16.92 Maura Walsh, Industry 2:17.07	Championship Finals Tracy Caulkins, Nashville 4:40.61* Nancy Hogshead, Florida 4:47.81 Karin LaBerge, Germantown . 4:49.61 Anne Tweedy, Santa Barbara . 4:50.39 Joan Pennington, Longhorn . 4:54.68 Bonnie Glasgow, KC Orchards 4:58.61 Sue Heon, Pittsburgh 4:58.81 Diane Ursin, M. Viejo DQ
Kathy Clarke, De Anza	Mary T. Meagher, Cin. Pepsi 1:01.50 Tracy Caulkins, Nashville 1:01.58 Lisa Buese, Cin. Pepsi 1:01.58 Jill Sterkel, Longhorn 1:01.88 Laurie Lehner, Unat 1:02.10 Nancy Hogshead, Florida 1:02.31 Linda Thompson, AFOX 1:02.38 Holly Green, Florida 1:02.41 Sandi Sciples, Memphis 1:02.47	Teri McKeever, Industry 2:15.71 Melody Barker, M. Viejo 2:15.72 Sandi Sciples, Memphis 2:16.09 Patty King, Nashville 2:16.38 Kelly Gillespie, Glendale 2:16.80 Maryann Brandiger, Albuqrqe .2:16.92 Maura Walsh, Industry 2:17.07 Lisa Martinez, Longhorn 2:17.92	Championship Finals Tracy Caulkins, Nashville 4:40.61* Nancy Hogshead, Florida 4:47.81 Karin LaBerge, Germantown . 4:49.61 Anne Tweedy, Santa Barbara . 4:50.39 Joan Pennington, Longhorn . 4:54.68 Bonnie Glasgow, KC Orchards 4:58.61 Sue Heon, Pittsburgh 4:58.81

Vera Barker, M. Viejo 4:55.70	Longhorn3:50.14	Gary Schatz, Longhorn 23.31	Chris Cavanaugh, De Anza50.26
Kay Lundy, Coronado 4:58.25	Mission Viejo 3:50.46	Sam Jones, Unat 23.32	Kris Kirchner, Longhorn 51.21
Tori Hames, Hurricane 4:58.65	Florida B 3:53.09	Chris Cavanaugh, De Anza23.38	Jim Montgomery, Dr. Pepper 51.32
Julie Ginden, Dynamo 4:58.82	Concord-Pleasant Hill 3:53.31	Kim Davis, Dr. Pepper 23.39	Greg Kraus, Dr. Pepper 51.41
Sara Linke, Unat 4:59.02	Nashville	David Hart, Stingray 23.42	Gary Schatz, Longhorn 51.52
Jill Symons, Con-Plant 4:59.72	Foxcatcher 3:55.20	Kevin De Forest, Longhorn 23.44	Scott Findorff, Badger Dol 51.57
Patty Gavin, Foxcatcher 5:00.04	Dr. Pepper 3:55.25	Rob Ramirez, Florida 23.44	Andy Schmidt, Dads 51.66
Prelims	Mission Viejo B 3:55,38	Bruce Stahl, Santa Barbara 23.45	Consolation Finals
Tracy Caulkins, Nashville 4:45.77	Santa Clara	John Spaulding, Dr. Pepper 23.48	Jerry Spencer, M. Viejo51.19
Karin LaBerge, Germantown . 4:52.25	Industry Hill 3:56.00	Steve Wyatt, Conquistador 23.50	Andy Veris, Dr. Pepper 51.29
Anne Tweedy, Santa Barbara . 4:53.76	Cincinnati Pepsi Marlins B 3:56.47	Phil Perdue, Starlit 23.55	John Ebuna, Commerce Cty 51.45
Nancy Hogshead, Florida 4:54.89	Florida 3:58.15	Ken McLaughlin, Cin. Pepsi 23.57	Geoff Gaberino, Baylor 51.51
Joan Pennington, Longhorn 4:56.52	Starlit3:58.18	Kris Kirchner, Longhorn 23.59	Robin Leamy, M. Viejo 51.63
Bonnie Glasgow, KC Orchards 4:57.35	Central Jersey 3:58.46	Wayne Madsen, Park Ridge 23.62	Sam Jones, Unat 51.67
Sue Heon, Pittsburgh 4:57.58	De Anza	Andy Veris, Dr. Pepper 23.63	Richard Thornton, Con-Plant 51.86
Diane Ursin, M. Viejo 4:57.76	Cincinnati Pepsi Marlins C 3:59.59	Richard Hess, Dr. Pepper 23.65	Doug Northway, Conquistador . 52.13
Julie Ginden, Dynamo 4:57.84	Concord-Pleasant Hill B 3:59.63	Eric Finical, Conquistador 23.66	Prelims
Jili Symons, Con-Plant 4:58.03	Longhorn B	Dave Boatwright, Con-Plant 23.67	Rowdy Gaines, Florida 49.61†
Vera Barker, M. Viejo 4:58.43	Nashville B 4:00.31	John Ebuna, Commerce Cty 23.68	Chris Cavanaugh, De Anza50.66
	Mission Viejo C 4:00.76		Kris Kirchner, Longhorn 50.74
Mayumi Yokoyama, Industry . 4:58.91	Santa Clara B 4:01.11	Donald Hornby, Broward 23.69	Scott Findorff, Badger Dol 50.83
Kay Lundy, Coronado 4:58.98		Jim Ferstel, Park Ridge 23.71	Gary Schatz, Longhorn 50.85
Sara Linke, Unat 4:59.45	Industry Hill B4:01.30	Brad Hering, Joe Phillips 23.77	Jim Montgomery, Dr. Pepper 51.14
Patty Gavin, Foxcatcher 4:59.73	Walnut Creek 4:01.51	Mike Kelly, Spicer 23.80	
Tori Hames, Hurricane 4:59.89	Rockville 4:02.14	Jim Montgomery, Dr. Pepper 23.81	Greg Kraus, Dr. Pepper
Dian Girard, Longhorn 4:59.92	Bernal's Gator 4:02.19	Mike St. Denis, Florida 23.82	Andy Schmidt, Dads 51.32
Gwen Cross, Best Blue 5:00.64	Germantown 4:02.71	Joe Gentile, Ft. Lauderdle 23.85	Sam Jones, Unat 51.41
Jenny Rapp, Starlit 5:00.71	Foxcatcher B 4:03.86	Matt Gribble, Hurricane 23.86	Andy Veris, Dr. Pepper 51.43
Kelly Burke, Wichita 5:01.18	Industry Hill C4:04.06	Doug Elenz, Sullair 23.87	John Ebuna, Commerce Cty 51.47
Jane Boyland, Germantown 5:01.38	Paramus Red Wave 4:04.16	Ron Manganiello, Stingray23.88	Geoff Gaberino, Baylor 51.47
Terri Baxter, Ladera Oaks 5:02.82	Mission Viejo D 4:04.97	Randy Ensminger, M. Viejo 23.88	Richard Thornton, Con-Pisnt 51.61
Claire Sanders, Nashville 5:02.82	Berkeley 4:05.98	Bart Ebbinghaus, Wal. Crk 23.89	Jerry Spencer, M. Viejo 51.65
Brenda Borgh, Florida 5:02.94	Industry Hill D4:07.61	Geoff Gaberino, Baylor23.91	Doug Northway, Conqstdr 51.68
Shelly Carlisle, Cin. Pepsi 5:03.02	Ft. Lauderdale	Brendan McCarthy, N. River 23.93	Robin Leamy, M. Viejo 51.68
Sandy Ferrin, Santa Clara 5:03.21		Art Griffith, M. Viejo 23.96	Bruce Stahl, Santa Barbara 51.72
Sharon Thomas, CLASS 5:03.74	800 M FREE RELAY—August 1	John Smith, Longhorn 23.96	Bill Barrett, Cin. Pepsi 51.75
Diane Johnson, Industry 5:04.22	Final Results (Timed Finals)	Mike Hayhurst, Nebraska23.97	Joe Bottom, Walnut Crk 51.80
Diana Zock, Woodlands 5:04.33	Cincinnati Pepsi Marlins 8:13.07 +	Sam Franklin, Conquistador 23.99	Phil Perdue, Starlit 51.87
Lisa Martinez, Longhorn 5:04.79	Longhorn	Greg Salomon, Starlit 23.99	David Larson, Florida 51.90
Nancy Bauman, Germantown . 5:05.15	Florida	Bob Murray, Ann Arbor 24.00	Ken McLaughlin, Cin. Pepsi 51.91
Patti Weideman, Unat5:05.15	Mission Viejo 8:19.29	Christopher Silva, Ladera Oaks . 24.01	Richard Hess, Dr. Pepper 51.97
Jennifer Baron, Longhorn 5:05.28	Concord-Pleasant Hill 8:20.42	Jim Hadly, Foxcatcher 24.01	Brendan McCarthy, N. River 51.97
Heather Aust, Ft. Lauderdle 5:05.44	Industry Hills 8:24.90		Kirk Peppas, Hurricane 52.02
Lisa McClain, Foxcatcher 5:06.29	Nashville	Steve Wood, Florida 24.08	Brad Hering, Joe Phillips 52.02
Dale Etnyre, St. Charles 5:06.59	Cincinnati Pepsi Marlins B 8:26.72	Carl Maler, Stingray 24.08	Steve Wyatt, Conquistdr 52.03
	Germantown 8:27.37	Pat Looby, Huntsville 24.09	Bruce Furniss, Beach 52.05
Melissa Rossie, CLASS5:07.22	Mission Viejo B 8:29.79	Clay Britt, Starlit 24.10	Steve Wood, Florida 52.09
Shelly Bieck, Wichita 5:07.82	Mission Viejo C 8:29.85	Karl Weiss, Badger Dol 24.11	
Jude DeSando, Rockville 5:08.22	Santa Clara 8:31.11	Mike Doyle, Con-Plant 24.12	Art Griffith, M. Viejo 52.09
Michelle Merchant, Dads 5:08.89	De Anza8:31.49	Jack Oppel, Dr. Pepper 24.13	Matt Gribble, Hurricane 52.13
Stephanie Munatones, Beach 5:09.86	Foxcatcher 8:31.58	Greg Asplund, San Jose 24.13	Kim Davis, Dr. Pepper
Amy Winter, Dr. Pepper 5:10.59	Central Jersey 8:33.26	Mark Greenwood, Industry 24.13	Carl Maler, Stingray 52.15
Mary Ann Dempster, Nashville 5:10.65	Florida B 8:33.86	Lou Kammerer, Badger Dol 24.13	Bart Ebbinghaus, Wal. Crk52.17
Lisa Hazen, Arden Hills 5:10.75	Dr. Pepper	Craig Dinkel, Beach 24.14	Mike Brown, M. Viejo 52.18
Cassie Cochran, AFOX 5.10.79	Beach 8:35.93	Mark Welker, Dr. Pepper 24.16	Joe Gentile, Ft. Lauderdle 52.22
Katie Hazelwood, Schroeder . 5:11.59		Jim Winegarner, Dr. Pepper 24.19	Donald Hornby, Broward 52.25
Jennifer Nye, Florida 5:12.73	Bernal's Gator 8:36.89	Bruce Foster, Tallahassee 24.19	Eric Finical, Conquetdr52.27
Stephanie Porter, M. Viejo 5:12.76	Longhorn B 8:37.63	James Brown, Aggle 24.23	John Smith, Longhorn 52.29
Jocelyn Thomas, Longhorn 5:13.69	Starlit8:38.52	Nir Shamir, Mis. Viejo 24.24	David Hart, Stingray 52.29
Darcee Douglas, KC Blazers 5:13.72	Ft. Lauderdale 8:40.86	Ed Bahan, Bernal's Gtr 24.25	Rich Saeger, M. Viejo 52.32
Michelle Hampton, Industry 5:16.01	Paramus Red Wave 8:41.10	Jim Alexander, Starlit 24.26	Jack Oppel, Dr. Pepper 52.32
Kelly Burke, Wichita DQ	Cincinnati Pepsi Marlins C 8:41.12	John Fields, Bolles 24.26	Mark Greenwood, Industry 52.33
Gayle Hegel, Jersey WahDQ	Rockville	Tom Redig, Park Ridge 24.26	Bobby Hackett, Bernal Gtr 52.37
Rhonda Rape, UnatDQ	Concord-Pleasant Hill B 8:42.68	Vic Swanson, Cascade 24.29	Cress Templeton, Cin. Pepsi 52.37
Tawny Hood, M. Viejo DQ	Mission Viejo D 8:43.32	Kirk Peppas, Hurricane 24.33	Bob Bugg, Unat 52.39
400 M MEDLEY RELAY—August 2	Industry Hills B8:43.72	Randy Espenshied, Unat24.33	Kevin DeForest, Longhorn 52.39
Final Results (Timed Finals)	Industry Hills C8:44.55	Mike Kelly, CLASS 24.34	Craig Dinkel, Beach 52.40
Cincinnati Pepsi Marlins 4:17.81	Nashville B 8:44.85	Lee Cassidy, Hurricane 24.39	Jim Hadly, Foxcatcher 52.51
Foxcatcher 4:18.91	Walnut Creek 8:48.69	Rick Fields, Badger24.40	Pat Nitsch, Dads 52.62
Cincinnati Pepsi Marlins B 4:20.22	Foxcatcher B 8:58.06	David Berg, Dr. Pepper 24.42	Bob Murray, Ann Arbor 52.65
Concord-Pleasant Hill 4:20.25	HighlineDQ	David Reed, Mis. Vielo 24.43	Dan Stephenson, Ann Arbor 52.70
Nashville 4:20.67	MEN	Tom Harvill, Riverside 24.45	Chuck Sharpe, Cin. Pepsi52.74
Longhorn	MEN 50 M FREESTYLE—July 29	Jay Posey, Unat 24.50	Jim Ferstel, Park Ridge 52.88
Mission Viejo 4:20.94	Championship Finals	Pat Nitsch, Dads 24.50	Mike Doyle, Con-Plant52.98
Mission Viejo B 4:22.80		Jeff Paulson, S. Snohomish 24.56	Pat Looby, Huntsville 52.99
Starlit	Joe Bottom, Walnut Crk 23.07	Eric Sandberg, Edina 24.58	Mike St. Denis, Florida 53.04
Florida	Jerry Spencer, Mis. Viejo 23.14	Craig Buchmann, Aggie 24.59	Rob Ramirez, Florida 53.08
Florida B 4:23.31	David McCagg, Unat 23.20	Hunter Richmond, Dr. Pepper 24.60	John Spaulding, Dr. Pepper 53.12
Santa Clara	Boyd Crisler, Florida 23.21	Dave Benjamin, Badger 24.62	Boyd Crisler, Florida 53.35
Longhorn B	Rowdy Gaines, Florida 23.23	Bill Neville, Mis. Viejo 24.64	David Reed, M. Viejo 53.36
Walnut Creek 4:25.64	Scott Findorff, Badger Dol 23.34	Drew Donovan, N.E. Barracudas 24.70	Davitt Cunningham, Conquistdr 53.37
	Rick DeMont, Unat23.49	Tom Pederson, Ann Arbor 24.74	Ricky Bodor, Dads53.55
Concord-Pleasant Hill B 4:26.70	Robin Leamy, Mis. Viejo23.53	Tom Huber, Schroeder 24.74	Mike Kelly, Spicer 53.55
Industry Hills	Consolation Finals	Trent Lyght, Starlit 24.76	Randy Espenshied, Unat53.66
Industry Hills B4:28.69	Bruce Stahl, Santa Barbara 23.25	Jack Gauthier, Spicer 24.78	Trent Lyght, Starlit 53.88
Central Jersey 4:28.82	Gary Schatz, Longhorn 23.32		Mickey Termin, Conquistdr 53.99
Ft. Lauderdale 4:29.49	Chris Cavanaugh, De Anza23.35	Bart Schneider, Germantown 24.78	Anthony Jones, Lakeside 54.06
Foxcatcher B 4:30.72	Rob Ramirez, Florida 23.42	Brian Haas, Bolles 24.81	Stuart MacDonald, CLASS54.46
Mission Viejo C 4:30.79	David Hart, Stingray 23.61	Daniel Gall, Napa	·
Germantown 4:31.10	Kevin De Forest, Longhorn 23.65	Anthony Jones, Lakeside 24.85	200 M FREESTYLE-August 1
Cincinnati Pepsi Marlins C 4:31.17	Kim Davis, Dr. Pepper 23.66	Jay Russell, Wilmington24.86	Championship Finals
Santa Clara B 4:31.31	Sam Jones, Unat 23.90	Harry Freeman, West Valley 24.89	Rowdy Gaines, Florida 1:50.02
Rockville 4:32.22	Prelims	James Biedsell, Beach 24.98	Richard Thornton, Con-Plant 1:51.05
Nashville B 4:32.30	Robin Leamy, Mis. Viejo 23.01	John Henry, Longhorn 25.09	Bill Forrester, Florida 1:51.06
Paramus Red Wave 4:32.42	Scott Findorff, Badger Dol 23.09	Bart Cerer, Con-Pisnt25.14	David Larson, Florida 1:51.79
Mission Viejo D 4:32.72	Joe Bottom, Walnut Crk 23.13	Everett Mercer, Harbison 25.18	Todd Trowbridge, Con-Plant 1:52.28
De Anza 4:33.29	Rowdy Gaines, Florida 23.23	Jack Salzman, Sarasota 25.30	Doug Northway, Conquistador 1:52.29
Nebraska4:35.65	Rick DeMont, Unat23.25		Jim Montgomery, Dr. Pepper . 1:52.81
400 M FREE RELAY—July 31	David McCagg, Unat 23.28	100 M FREESTYLE—July 30	Bill O'Brien, Dads 1:52.85
Finals Results (Timed Finals)	Boyd Crisler, Florida 23.29	Championship Finals	Consolation Finals
Cincinnati Pepsi Marlins 3:48.83	Jerry Spencer, Mis. Viejo 23.30	Rowdy Gaines, Florida 50.19	Brian Roney, Industry 1:52.30 ▶

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Greg Kraus, Dr. Pepper 1:52.39	Dave Sims, Joliet 3:58.86	Monte Brown, Ca
Andy Schmidt, Dads 1:52.45	James Lorys, David Douglas . 3:59.04	Brian Roney, Indu
Chris Cavanaugh, De Anza 1:52.92	Chuck Bauman, Dr. Pepper 3:59.06	James Lorys, Dav
Geoff Gaberino, Baylor 1:53.40 Chuck Sharpe, Cin. Pepsi 1:53.77	Amir Ganiel, Industry HI 3:59.29 George Di Carlo, Colo. Rpd 3:59.30	Bruce Hayes, Dr.
Bobby Hackett, Bernal Gtr 1:53.94	Bobby Hackett, Berni Gtr 3:59.51	Doug Towne, Con George Di Carlo, (
Kirk Anderson, Con-Plant 1:54.11	Kirk Anderson, Con-Plant 3:59.58	Kent Martin, Long
Prelims	Todd Trowbridge, Con-Plant 3:59.69	Ed Denny, Germa
Rowdy Gaines, Florida 1:50.93	Chuck Sharpe, Cin. Pepsi 3:59.92	Bobby Hackett, B
Bill Forrester, Florida 1:51.10	Mike Heath, Dr. Pepper 3:59.93	Amir Ganiel, Indu
Richard Thornton, Con-Plant 1:51.21	Rob Ramoska, Cardinal3:59.98	Kirk Anderson, Co
Jim Montgomery, Dr. Pepper . 1:51.58	Bruce Hayes, Dr. Pepper 4:00.14	Larry Countrymar
Bill O'Brien, Dads 1:51.63	Drew Donovan, N.E. Barracda 4:00.14	Ed Ryder, M. Viejo
David Larson, Florida 1:51.92	Mark Tomlin, Dr. Pepper 4:00.44	Rick Walker, Chai
Todd Trowbridge, Con-Plsnt, . 1:51.97	Mike Brown, M. Viejo 4:00.44	Mark Tomlin, Dr. I
Doug Northway, Conquistador 1:51.99	Rick Morley, Longhorn 4:00.72	Chris Rowe, Alam
Andy Schmidt, Dads 1:52.14	Bruce Dorman, Lakeside 4:00.92	Chuck Bauman, E
Chuck Sharpe, Cin. Pepsi 1:52.49	Monte Brown, Cardinal 4:00.99	Bauer Duke, Cond
Kirk Anderson, Con-Plant 1.52.53	Randy Fry, Germantown 4:01.23	Lane Hudson, Hu
Brian Roney, Industry 1:52.53	Andy Schmidt, Dads 4:01.34	Mike Higgs, Cin. F
Chris Cavanaugh, De Anza 1:52.54	Ted Chappell, Paramus 4:01.53	William Robertso
Greg Kraus, Dr. Pepper 1:52.62	Scott Bergen, Longhorn 4:01.70	Tony Corbisiero, I
Bobby Hackett, Bernal Gtr 1:52.68	Geoff Gaberino, Baylor 4:01.78 Joe LaJoie, Park Ridge 4:01.99	Jon Denney, Unat John Kratzer, Sch
Geoff Gaberino, Baylor 1:52.92 Kris Kirchner, Longhorn 1:52.98	Dennis Scannell, Industry 4:02.12	Rob Ramoska, Ca
Wike Brown, M. Viejo 1:53.01	John Spaid, Ann Arbor4:02.15	Mike Brown, M. Vi
Mike Bruner, Mesa 1:53.07	Jim Kizer, Florida 4:02.51	Randy Fry, Germa
Rich Saeger, M. Viejo 1:53.29	Tony Corbisiero, M. Viejo 4:03.11	Scott Bergen, Lon
Joe LaJoie, Park Ridge 1:53.45	James Lee, Harbison 4:03.22	Bill O'Brien, Dds.
Bruce Furniss, Beach 1:53.51	Sandy Blyth, Husky 4:03.34	Bob Menches, Sw
loug Towne, Conquistador 1:53.56	Richard Thornton, Con-Plant . 4:03.40	John Ravenhali, C
3ob Bugg, Unat1:53.58	Scott Newkirk, M. Viejo 4:03.57	Greg Masica, Up.
Andy Veris, Dr. Pepper1:53.59	Chris Rowe, Alamo 4:03.63	Greg Goulet, Alar
Steve Gregg, Conquistador1:53.87	Todd Lincoln, Beach 4:03.78	Bill Schmidt, San
Brian Goodell, M. Viejo 1:53.97	Bob Menches, Swt. Acd 4:04.47	Dave Barnes, M. V
Rob Ramoska, Cardinal1:54.03	Dave Malin, Con-Plant 4:04.49	Todd Lincoln, Bea
Tony Bartle, New Haven 1:54.41	Mike Higgs, Cin. Pepsi 4:05.39	Steve Dougherty,
Mark Greenwood, Industry 1:54.53	Dave Barnes, M. Viejo 4:05.52	Grant Whitcomb,
Rick Morley, Longhorn 1:54.55	Greg Goulet, Alamo 4:05.94	Filiberto Colon, M
Jack Oppel, Dr. Pepper 1:54.58	Paul Donahue, M. Viejo 4:06.73 Ricky Bodor, Dads 4:07.07	Mike Heath, Dr. Pe Todd Trowbridge,
Fodd Lincoln, Beach 1:55.00 Dennis Scannell, Industry 1:55.06	Craig Spada, Con-Pisnt 4:07.22	
Matt Mullane, Unat 1:55.58	Michael Beam, Gr. Orlando 4:07.42	100 M BACKSTRO
Eric Finical, Conquistador 1:55.66	Steve Dougherty, Tacoma4:07:67	Champior
Jim Hadly, Foxcatcher 1:55.68	Kyle Ditzler, Cardinal 4:08.77	Peter Rocca, Con- Bob Jackson, Cor
Ricky Bodor, Dads 1:55.95	Frank Dinkel, Walnut Crk 4:10.90	Rick Carey, Badge
Cress Templeton, Cin. Pepsi 1:56.05	Dave Phelps, Cin. Pepsi 4:11.61	Clay Britt, Starlit.
David Hart, Stingary 1:56.32	Chris Cavanaugh, De Anza DQ	Steve Barnicoat,
Dave Malin, Con-Plsnt 1:56.44	800 M FREESTYLE—July 29	David Marsh, Stin
Michael Beam, Gr. Orlando 1:56.45	Final Results (Timed Finals)	John Engs, Reno
Mike Anderson, Cardinal 1:56.48	Brian Goodell, Mis. Viejo 7:59.66*	Jesse Vassallo, M
lark McGreager, San Jose 1:56.59 ames Lee, Harbison 1:56.77	Mike Bruner, Mesa 8:00.06	Consola
ohn Hillencamp, Florida 1:56.82	Bari Weick, Conquistador 8:06.60	Ron Maddox, N. B
ed Knapp, Unat 1:56.95	Brian Roney, Industry 8:06.85	Tom Roemer, Univ Larry Craft, Dads
Bart Ebbinghaus, Walnut Crk. 1:56.98	Bobby Hackett, Bernal's Gtr. 8:07.28	Steve Wood, Flori
ohn Spaid, Ann Arbor1:57.00	Dave Sims, Joliet 8:07.46	Dave Bottom, Wal
avid Berg, Dr. Pepper1:57.01	Ron Neugent, Wichita 8:08.04	Louis Manganielle
ireg Goulet, Alamo 1:57.70	Monte Brown, Cardinal 8:09.24	Curt LaCount, Bac
Pave Phelps, Cin. Pepsi1:58.12	Bruce Hayes, Dr. Pepper 8:099	Pat Thomas, Wes
tuart MacDonald, CLASS 1:59.93	James Lorys, David Douglas . 8:10.05	Pre
lickey Termin, Conquistador 2:00.25	Tony Bartle, New Haven 8:10.43 Ed Ryder, Mis. Viejo 8:11.42	Bob Jackson, Cor
	Randy Fry, Germantown 8:13.34	Peter Rocca, Con-
00 M FREESTYLE—July 31	Doug Towne, Conquistador 8:13.80	David Marsh, Stin
Championship Finals	Kent Martin, Longhorn 8:14.08	Clay Britt, Starlit .
like Bruner, Mesa 3:52.19	Mark Tomlin, Dr. Pepper 8:15.09	Rick Carey, Badge
rian Goodell, M. Viejo 3:52.99	Ed Denny, Germantown 8:16.61	Steve Barnicoat,
rian Roney, Industry Hl 3:56.10	Courtney Roberts, Cin. Pep 8:17.17	Jesse Vassallo, M
ony Bartle, New Haven 3:56.21	Chuck Bauman, Dr. Pepper 8:19.30	John Engs, Reno
Sari Weick, Conquistdr 3:56.39	Kirk Anderson, Con-Plant 8:21.22	Ron Maddox, N. B
ent Martin, Longhorn 3:56.72	Filiberto Colon, Mis. Viejo8:21.30	Curt LaCount, Bac
Bill O'Brien, Dads	Tony Corbisiero, Mis. Viejo 8:21.50	Louis Manganielle
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loug Towne, Conquistadr 3:56.22	Mike Brown, Mis. Viejo 8:22.14	Larry Craft, Dads
d Ryder, M. Viejo 3:57.88	Lincoln Djang, Santa Clara 8:22.24	Steve Wood, Flori
eff Float, Arden His 3:58.45	Chris Rowe, Alamo 8:24.05	Dave Bottom, Wal
arry Countryman, Bernal Gtr. 3:58.46	Larry Countryman, Bernal Gtr. 8:25.39	Jamie Fowler, Un
ave Sims, Joliet 3:58.59	Mike Heath, Dr. Pepper 8:26.37	Jim Winegarner, D
ames Lorys, David Douglas . 3:58.68	Steve Dougherty, Tacoma 8:26.39 William Robertson, Longhorn . 8:27.21	Bob Tierney, Unat
obby Hackett, Bernal Gtr 3:58.74	Mike Higgs, Cin. Pepsi8:27.74	Eric Ericson, Wilm
lon Neugent, Wichita 3:59.21	Chuck Sharpe, Cin. Pepsi 8:28.85	Mike Bottom, Ath
Prelims	Chris Hug, Little Rhody 8:29.14	Jay Alt, West Vail
like Bruner, Mesa 3:55.34	John Kratzer, Schroeder 8:31.42	Dave Wilson, Cin.
Sill O'Brien, Dads 3:55.95	Amir Ganlel, Industry8:31.68	Lee Hudson, Blue
Brian Roney, Industry 3:56.18	John James, De Anza 8:31.82	Kyle Miller, Florid
rian Goodell, M. Viejo 3:56.28	Pete Colbeck, Cascade 8:33.91	Cress Templeton,
ent Martin, Longhorn 3:56.45	John Spaid, Ann Arbor8:33.92	John Hoffman, Ba
ari Weick, Conquistdr 3:57.13	Grant Whitcomb, Unat 8:35.30	Mark Gordin, Bead
	Jim Murakami, Punahou 8:39.73	Mike Conaton, Cir
ohn Hillencamp, Florida 3:57.31	· · · · · · · · · · · · · · · · · · ·	Jay Yarid, M. Viejo
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ohn Hillencamp, Florida 3:57.31 ony Bartle, New Haven 3:57.57 ton Neugent, Wichita 3:57.82 id Ryder, M. Viejo 3:57.93	Final Results (Timed Finals)	Scott Seelye, Taco
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John Hillencamp, Florida 3:57.31 Fony Bartle, New Haven 3:57.57 Ron Neugent, Wichita 3:57.82 Ed Ryder, M. Viejo 3:57.93 leff Float, Arden Hills 3:58.18 David Larson, Florida 3:58.40	Final Results (Timed Finals) Mike Bruner, Mesa	Scott Seelye, Taco Chris Lanier, Lade

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ruce Hayes, Dr. Pepper	15:41.93	ŀ
loug Towne, Conquistador . leorge Di Carlo, Colo. Rpd	15:43.87	
ieorge Di Carlo, Colo. Rpd :	15:46.67	l
ent Martin, Longhorn	15:46.80	
d Denny, Germantown obby Hackett, Bernal Gtr	15:49.31	
obby Hackett, Bernal Gtr	15:49.60	
mir Ganiel, Industry		-
irk Anderson, Con-Plsnt arry Countryman, Bernal Gtr	15:52.83	
d Ryder, M. Viejo	15.55.31	
ick Walker, Champaign	15:55 46	
lark Tomlin, Dr. Pepper	15:56.29	
hris Rowe, Alamo	15:56.67	
huck Bauman, Dr. Pepper auer Duke, Conquistador	15:58.20	
auer Duke, Conquistador	15:59.41	
ane Hudson, Hurricane '	16:00.16	
like Higgs, Cin. Pepsi		
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ony Corbisiero, M. Viejo	16:05.93	
on Denney, Unat	16:07:30	
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like Brown, M. Viejo	16:08:84	
andy Fry, Germantown	16.08.88	
cott Bergen, Longhorn	6:08.97	
ill O'Brien, Dds	16:09.60	
ob Menches, Swt. Acd	16:10.70	
ob Menches, Swt. Acd ohn Ravenhall, Cin. Pepsi	16:11.19	
reg Masica, Up. Arlngtn '	16:11.87	
reg Goulet, Alamo	16:13.59	
ill Schmidt, San Jose	16:18.00	
ave Barnes, M. Viejo	16:22.33	
tous Daugherty Tagens	16:24.25	
odd Lincoln, Beach teve Dougherty, Tacoma rant Whitcomb, Unat	16:25.04	
iliberto Colon, M. Viejo	16:30.59	
like Heath, Dr. Pepper 1	6:38.03	
odd Trowbridge, Con-Plant.	18:24.08	
00 M BACKSTROKE-July 3		
Championship Finals	' 1	
eter Rocca, Con-Plant	56.64	
ob Jackson, Conquistador	. 56.78	
ick Carey, Badger	56.93	
lay Britt, Starlit	57.15	
teve Barnicoat, M. Viejo	57.40	
avid Marsh, Stingray	. 57.78	
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consolation Engs, Reno consolation Finals on Maddox, N. Baltmre om Roemer, Univ. Iowa arry Craft, Dads ave Bottom, Walnut Crk ous Manganiello, Longhorn urt LaCount, Badger Dol. at Thomas, West Valley Prelims ob Jackson, Conquistador eter Rocca, Con-Pisnt avid Marsh, Stingray lay Britt, Starlit ick Carey, Badger icke Carey, Badger icke Vassallo, M. Viejo ohn Engs, Reno on Maddox, N. Baltmre	. 58.00 . 58.28 . 58.28 . 58.45 . 58.49 . 58.56 . 58.81 . 58.96 . 59.18 . 59.26 . 56.75 . 57.03 . 57.09 . 57.28 . 57.51 . 57.77 . 57.90 . 57.91	
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consolation Finals con Maddox, N. Baltmre con Maddox, N. Baltmre com Roemer, Univ. Iowa corry Craft, Dads ceve Wood, Florida cave Bottom, Walnut Crk cous Manganiello, Longhorn curt LaCount, Badger Dol. cat Thomas, West Valley Prelims ob Jackson, Conquistador ceter Rocca, Con-Pisnt conductor cave Batter cick Carey, Badger cick Carey, Badger cick Carey, Badger ceve Barnicoat, M. Viejo cesse Vassallo, M. Viejo con Maddox, N. Baltmre curt LaCount, Badger Dol. cous Manganiello, Longhorn con Roemer. Univ. lowon	58.00 58.28 58.45 58.45 58.45 58.56 58.96 59.18 59.26 56.75 57.03 57.09 57.28 57.28 57.77 57.91 57.91 57.91 58.19 58.19 58.20	
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consolation Finals con Maddox, N. Baltmre com Roemer, Univ. Ioigo cat Thomas, West Valley com Roemer, Univ. Ioigo com Roemer, Univ. Ioigo cat Thomas, West Valley cat Thomas, West Valley com Roemer, Univ. Ioigo com Roemer, Univ. Ioigo cat Thomas, West Valley catry Craft, Dads cleve Wood, Florida	. 58.00 . 58.28 . 58.45 . 58.45 . 58.45 . 58.56 . 58.81 . 58.96 . 59.26 . 59.26 . 56.75 . 57.03 . 57.09 . 57.28 . 57.28 . 57.77 . 57.90 . 57.91 . 58.10 . 58.20 . 58.24 . 58.24 . 58.28	
consolation Finals con Maddox, N. Baltmre con Maddox, N. Conquistador ceter Rocca, Con-Pisnt con Maddox, N. Gongoro con Maddox, N. Gongoro con Maddox, N. Baltmre con Maddox, N. Baltmr	. 58.00 . 58.28 . 58.28 . 58.45 . 58.49 . 58.56 . 58.96 . 59.18 . 59.26 . 56.04 . 56.75 . 57.09 . 57.28 . 57.51 . 57.77 . 57.90 . 57.91 . 58.10 . 58.20 . 58.46 . 58.46 . 58.46 . 58.46 . 58.46 . 58.46 . 58.46 . 58.46 . 58.48	
consolation Finals con Maddox, N. Baltmre com Roemer, Univ. lowa com	58.00 .58.28 .58.28 .58.49 .58.56 .58.81 .58.96 .59.26 .59.26 .50.04 .50.75 .57.09 .57.28 .57.51 .57.77 .57.91 .58.10 .58.10 .58.20 .58.24 .58.35 .58.35 .58.46 .58.35 .58.48 .58.52	
consolation Finals con Maddox, N. Baltmre com Roemer, Univ. Joeg com Roemer, Univ. Lego com Roemer com	. 58.00 . 58.28 . 58.28 . 58.45 . 58.45 . 58.56 . 58.96 . 59.26 . 59.26 . 50.04 . 56.75 . 57.09 . 57.28 . 57.51 . 57.77 . 57.90 . 57.91 . 58.10 . 58.20 . 58.24 . 58.35 . 58.46 . 58.48 . 58.52 . 58.48 . 58.58	
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consolation Finals con Maddox, N. Baltmre com Roemer, Univ. Iowa corry Craft, Dads teve Wood, Florida ave Bottom, Walnut Crk couls Manganiello, Longhorn urt LaCount, Badger Dol. at Thomas, West Valley Prellms ob Jackson, Conquistador eter Rocca, Con-Plsnt. avid Marsh, Stingray lay Britt, Starlit. ick Carey, Badger teve Barnicoat, M. Viejo cesse Vassallo, M. Viejo cesse Vassallo, M. Viejo con Maddox, N. Baltmre urt LaCount, Badger Dol. ouis Manganiello, Longhorn om Roemer, Univ. Iowa at Thomas, West Valley arry Craft, Dads teve Wood, Florida ave Bottom, Walnut Crk urm Winegarner, Dr. Pepper ob Tierney, Unat. ice Ericson, Wilmington	. 58.00 . 58.28 . 58.28 . 58.45 . 58.49 . 58.56 . 58.86 . 59.18 . 59.26 . 56.04 . 56.75 . 57.09 . 57.28 . 57.28 . 57.77 . 57.90 . 57.91 . 58.10 . 58.19 . 58.20 . 58.46 . 58.46 . 58.52 . 58.58 . 58.58 . 58.58 . 58.58 . 58.58 . 58.58 . 58.60 . 58.61	
consolation Finals con Maddox, N. Baltmre corrections of Maddox, Maddox, N. Corrections corrections of Maddox, Maddox, Maddox, N. Corrections corrections of Maddox, N. Baltmre corrections of Maddox, N. Corrections	. 58.00 . 58.28 . 58.28 . 58.45 . 58.49 . 58.56 . 58.96 . 59.18 . 59.26 . 57.03 . 57.09 . 57.28 . 57.77 . 57.90 . 57.91 . 58.10 . 5	
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consolation Finals on Maddox, N. Baltmre or Maddox, N. Green or Maddox, N. Green or Maddox, N. Green or Maddox, N. Green or Maddox, N. Baltmre or Maddox,	. 58.00 . 58.28 . 58.28 . 58.45 . 58.45 . 58.56 . 58.96 . 59.26 . 59.26 . 56.75 . 57.09 . 57.28 . 57.51 . 57.77 . 57.91 . 58.10 . 58.20 . 58.24 . 58.35 . 58.48 . 58.46 . 58.48 . 58.58 . 58.60 . 58.61 . 58.68 . 58.69 . 58.69 . 58.77 . 58.79	
consolation Finals on Maddox, N. Baltmre or Maddox, N. Green or Maddox, N. Green or Maddox, N. Green or Maddox, N. Green or Maddox, N. Baltmre or Maddox,	. 58.00 . 58.28 . 58.28 . 58.45 . 58.45 . 58.56 . 58.96 . 59.26 . 59.26 . 56.75 . 57.09 . 57.28 . 57.51 . 57.77 . 57.91 . 58.10 . 58.20 . 58.24 . 58.35 . 58.48 . 58.46 . 58.48 . 58.58 . 58.60 . 58.61 . 58.68 . 58.69 . 58.69 . 58.77 . 58.79	
consolation Finals on Maddox, N. Baltmre om Roemer, Univ. lowa. corry Craft, Dads. corry	58.00 .58.28 .58.28 .58.49 .58.56 .58.96 .59.26 .59.26 .59.26 .50.75 .57.09 .57.28 .57.51 .57.70 .57.91 .58.10 .58.20 .58.35 .58.46 .58.35 .58.46 .58.45 .58.58 .58.66 .58.66 .58.68 .58.69 .58.79 .59.03	
consolation Finals on Maddox, N. Baltmre om Roemer, Univ. Ioua arry Craft, Dads are Bottom, Wallour at Thomas, West Valley besse Vassallo, M. Viejo on Roemer, Univ. Ioua arry Craft, Dads arry Craft, Dads arry Craft, Dads arry Craft, Dads besse Valley Prelims ob Jackson, Conquistador eter Rocca, Con-Pisnt avid Marsh, Stingray lay Britt, Starlit cick Carey, Badger leve Barnicoat, M. Viejo onses Vassallo, M. Viejo on Maddox, N. Baltmre ourt LaCount, Badger Dol. outs Manganiello, Longhorn on Roemer, Univ. Iowa at Thomas, West Valley arry Craft, Dads leve Wood, Florida are Bottom, Walnut Crk amie Fowler, Unat. ob Tierney, Unat. ick Ericson, Wilmington ike Bottom, AthletesActn ay Alt, West Valley are Wilson, Cin. Pepsi be Hudson, Blue Dolphins yle Miller, Florida ress Templeton, Cin. Pepsi shn Hoffman, Badger	. 58.00 . 58.28 . 58.28 . 58.49 . 58.56 . 58.81 . 58.96 . 59.18 . 59.26 . 50.04 . 50.709 . 57.03 . 57.03 . 57.09 . 57.28 . 57.51 . 57.77 . 57.91 . 58.10 . 58.20 . 58.24 . 58.48 . 58.48 . 58.58 . 58.60 . 58.60 . 58.60 . 58.60 . 58.61 . 58.60 . 58.70 . 58.70 . 58.70 . 58.70 . 58.70 . 58.70 . 58.70 . 58.70 . 58.60 . 58.60 . 58.60 . 58.60 . 58.60 . 58.70 . 59.21	
consolation Finals con Maddox, N. Baltmre com Roemer, Univ. loon com Roemer, Univ. lowa com Roemer, Walnut Crk couis Manganiello, Longhorn com Roemer, Walnut Crk couis Manganiello, Longhorn com Roemer, West Valley com Roemer, Con-Pisnt com Roemer, Con-Pisnt com Roemer, Univ. lowa com Roemer, Univ. lowa com Roemer, Univ. lowa com Roemer, Univ. lowa com Walnut Crk com Roemer, Univ. lowa com Walnut Crk com Walnut com Wa	. 58.00 . 58.28 . 58.28 . 58.45 . 58.49 . 58.56 . 58.96 . 59.18 . 59.26 . 57.03 . 57.09 . 57.28 . 57.28 . 57.77 . 57.91 . 57.91 . 58.19 . 58.24 . 58.35 . 58.48 . 58.66 . 58.66 . 58.66 . 58.66 . 58.67 . 58.77 . 58.79 . 58.69 . 58.79 . 58.79 . 59.03 . 59.03 . 59.03 . 59.03 . 59.11 . 59.24	
consolation Finals on Maddox, N. Baltmre om Roemer, Univ. Iowa consolation Finals on Maddox, N. Baltmre om Roemer, Univ. Iowa consolation Finals on Maddox, N. Baltmre om Roemer, Univ. Iowa consolation Finals on Maddox, N. Baltmre ob Jackson, Conquistador ceter Rocca, Con-Pisht. ceter Sarnicoat, M. Viejo obsse Vassallo, M. Viejo obss	58.00 58.28 58.28 58.49 58.56 58.96 59.18 59.26 50.04 50.709 57.03 57.09 57.09 57.51 57.77 57.91 58.10 58.20 58.24 58.46 58.48 58.46 58.48 58.60 58.61 58.69 58.69 58.79 58.79 58.79 58.79 58.79 58.79 59.03 59.21 59.21 59.24 59.24 59.20 59.21 59.23	
consolation Finals on Maddox, N. Baltmre or Manganiello, Longhorn or Manganiello, Longhorn or Maddox, N. Baltmre or Manganiello, Longhorn or Maddox, N. Baltmre or Maddox, N. Gonquistador or Maddox, N. Gonquistador or Maddox, N. Wejo or Maddox, N. Wejo or Maddox, N. Wejo or Maddox, N. Baltmre or Maddox, N. B	. 58.00 . 58.28 . 58.28 . 58.49 . 58.56 . 58.86 . 59.26 . 59.26 . 50.04 . 50.709 . 57.28 . 57.51 . 57.77 . 57.91 . 57.91 . 58.10 . 58.20 . 58.24 . 58.35 . 58.46 . 58.48 . 58.58 . 58.60 . 58.79 . 59.21 . 59.24 . 59.30 . 59.42	
consolation Finals con Maddox, N. Baltmre com Roemer, Univ. loon com Roemer c	. 58.00 . 58.28 . 58.28 . 58.45 . 58.45 . 58.56 . 58.96 . 59.18 . 59.26 . 57.03 . 57.09 . 57.28 . 57.77 . 57.90 . 57.51 . 57.77 . 57.91 . 58.10 . 58.19 . 58.24 . 58.35 . 58.48 . 58.66 . 58.66 . 58.69 . 58.61 . 58.66 . 58.69 . 58.77 . 59.03 . 59.11 . 59.24 . 59.30 . 59.42 . 59.42 . 59.42 . 59.42 . 59.42 . 59.42 . 59.42	
consolation Finals con Maddox, N. Baltmre com Roemer, Univ. loon com Roemer c	. 58.00 . 58.28 . 58.28 . 58.45 . 58.45 . 58.56 . 58.96 . 59.18 . 59.26 . 57.03 . 57.09 . 57.28 . 57.77 . 57.90 . 57.51 . 57.77 . 57.91 . 58.10 . 58.19 . 58.24 . 58.35 . 58.48 . 58.66 . 58.66 . 58.69 . 58.61 . 58.66 . 58.69 . 58.77 . 59.03 . 59.11 . 59.24 . 59.30 . 59.42 . 59.42 . 59.42 . 59.42 . 59.42 . 59.42 . 59.42	
consolation Finals on Maddox, N. Baltmre or Manganiello, Longhorn or Manganiello, Longhorn or Maddox, N. Baltmre or Manganiello, Longhorn or Maddox, N. Baltmre or Maddox, N. Gonquistador or Maddox, N. Gonquistador or Maddox, N. Wejo or Maddox, N. Wejo or Maddox, N. Wejo or Maddox, N. Baltmre or Maddox, N. B	. 58.00 . 58.28 . 58.28 . 58.49 . 58.56 . 58.86 . 59.26 . 59.26 . 59.26 . 57.03 . 57.09 . 57.28 . 57.51 . 57.77 . 57.91 . 58.10 . 58.20 . 58.24 . 58.46 . 58.48 . 58.58 . 58.60 . 58.60 . 58.60 . 58.60 . 58.79 . 58.60 . 58.79 . 59.24 . 59.24 . 59.24 . 59.46 . 59.42 . 59.46 . 59.59 . 59.59	
consolation Finals on Maddox, N. Baltmre om Roemer, Univ. lowa. consolation Finals on Maddox, N. Baltmre om Roemer, Univ. lowa. consolation Finals on Maddox, N. Baltmre om Roemer, Univ. lowa. consolation Finals on Maddox, N. Baltmre ober, Malnut Crk. could Manganiello, Longhorn ourt LaCount, Badger Dol. consolation Finals ob Jackson, Conquistador ober Rocca, Con-Pisht. colation Finals ob Jackson, Conquistador ober Rocca, Con-Pisht. colation Finals ob Jackson, Conquistador ober Rocca, Con-Pisht. colation Finals ob Jackson, Conquistador ob Jackson, Con-Pisht. ob Kargy, Badger obn Maddox, N. Viejo obs Sevassallo, M. Viejo obs Manganiello, Longhorn om Roemer, Univ. lowa obs Thomas, West Valley ave Wood, Florida ave Bottom, Walnut Crk. mwinegarner, Dr. Pepper ob Tierney, Unat. obs Tierney	.58.00 .58.28 .58.28 .58.49 .58.56 .58.49 .58.56 .59.18 .59.26 .59.26 .57.03 .57.09 .57.51 .57.77 .57.91 .57.91 .58.10 .58.20 .58.20 .58.48 .58.48 .58.66 .58.68 .58.61 .58.68 .58.69 .58.79 .58.69 .58.69 .58.79 .58.79 .58.79 .58.79 .58.79 .58.79 .58.79 .58.79 .58.79 .59.21 .59.24 .59.24 .59.24 .59.30 .59.42 .59.54 .59.56 .59.56 .59.62	
consolation Finals con Maddox, N. Baltmre com Roemer, Univ. Longhus Handox, N. Baltmre com Roemer, Univ. Longhorn correct Badger cot Consolation Finals con Maddox, N. Baltmre correct Badger cot Consolation	. 58.00 . 58.28 . 58.28 . 58.49 . 58.56 . 58.96 . 59.26 . 59.26 . 59.26 . 57.03 . 57.09 . 57.28 . 57.51 . 57.77 . 57.91 . 58.10 . 58.20 . 58.24 . 58.46 . 58.48 . 58.58 . 58.60 . 58.50 . 59.21 . 59.24 . 59.30 . 59.24 . 59.30 . 59.50 . 59.60 . 59.60	

Davitt Cunningham, Conquis Roger Vredeveld, Baylor	tdr 59.77
Phil Nenon, Cin. Pepsi	. 1:00.13
Phil Nenon, Cin. Pepsi Randy Ensminger, M. Viejo	. 1:00.15
Scott Malm, Spicer	1:00.17
Mark Strohl, Ann Arbor Clark Rush, Husky	. 1:00.21
Sean Bailey, Conquistdr	. 1:00.45
William Juvruo, Longhorn Cliff Looschen, Florida	. 1:00.53
Rick Brackett, Baylor	1:00.67
Ken Brenton, Dr. Pepper	. 1:00.72
Ken Brenton, Dr. Pepper Ross Myers, Longhorn	.1:00.75
Brian Smith, N. River	. 1:00.79
200 M BACKSTROKE-July	
Championship Final	5
Steve Barnicoat, Mis. Viejo Peter Rocca, Con-Pisnt	
Jesse Vassallo, Mis, Vieio	. 2:02.11
Rick Carey, Badger	. 2:02.79
Bob Jackson, Conquistador.	. 2:03.17
John Engs, Reno Jamie Fowler, Unat	2:05:01
Tom Roemer, Univ. Iowa	. 2:06.38
Consolation Finals	
Ron Maddox, N. Baltmre	
Louis Manganiello, Lnghrn Roger Von Jouanne, Gr. Rent	
Mike Conaton, Cin. Pepsi	. 2:06.74
Mark Gordin, Beach	. 2:07.32
Jim Winegarner, Dr. Pepper .	2:07.57
Kyle Miller, Florida Bruce Hayes, Dr. Pepper	. 2:08.30
Prelims	
Jesse Vassallo, Mis. Viejo	
Bob Jackson, Conquistador. Rick Carey, Badger	
Peter Rocca, Con-Plant,	. 2:03.21
John Engs. Reno	. 2:03.75
Steve Barnicoat, Mis. Viejo	. 2:03.86
Tom Roemer, Univ. Iowa Jamie Fowler, Unat	2:05.09
Kyle Miller, Florida	
Louis Manganiello, Lnghrn	. 2:05.88
Ron Maddox, N. Baltmre	. 2:05.88
Roger VonJouanne, Gr. Rntn Mike Conaton, Cin. Pepsi	2:05.90
Bruce Hayes, Dr. Pepper	. 2:06.27
Mark Gordin, Beach	. 2:06.34
Jim Winegarner, Dr. Pepper .	. 2:06.50
Jim Winegarner, Dr. Pepper . Dave Bottom, Walnut Crk Curt LaCount Badger Dol	. 2:06.50
Dave Bottom, Walnut Crk Curt LaCount, Badger Dol Scott Seelye, Tacoma	. 2:06.50 . 2:06.83 . 2:06.91 . 2:06.92
Dave Bottom, Walnut Crk Curt LaCount, Badger Dol Scott Seelye, Tacoma John Hoffman, Badger	. 2:06.50 . 2:06.83 . 2:06.91 . 2:06.92
Dave Bottom, Walnut Crk	. 2:06.50 . 2:06.83 . 2:06.91 . 2:06.92 . 2:06.92 . 2:07.09
Dave Bottom, Walnut Crk	. 2:06.50 . 2:06.83 . 2:06.91 . 2:06.92 . 2:06.92 . 2:07.09 . 2:07.34
Dave Bottom, Walnut Crk	. 2:06.50 . 2:06.83 . 2:06.91 . 2:06.92 . 2:06.92 . 2:07.09 . 2:07.34 . 2:07.45
Dave Bottom, Walnut Crk Curt LaCount, Badger Dol Scott Seelye, Tacoma John Hoffman, Badger Pat Thomas, West Vly Todd Lincoln, Beach Peter Solomon, Little Rhdy Clay Britt, Starlit Bruce Gemmell, Wilmngtn	. 2:06.50 . 2:06.83 . 2:06.91 . 2:06.92 . 2:07.09 . 2:07.34 . 2:07.45 . 2:07.89
Dave Bottom, Walnut Crk Curt LaCount, Badger Dol Scott Seelye, Tacoma John Hoffman, Badger Pat Thomas, West Vly Todd Lincoln, Beach Peter Solomon, Little Rhdy Clay Britt, Starlit Bruce Gemmell, Wilmngtn Fred Werdine, Sun	. 2:06.50 . 2:06.83 . 2:06.91 . 2:06.92 . 2:07.09 . 2:07.34 . 2:07.45 . 2:07.58 . 2:07.89
Dave Bottom, Walnut Crk Curt LaCount, Badger Dol Scott Seelye, Tacoma John Hoffman, Badger Pat Thomas, West Vly Todd Lincoln, Beach Peter Solomon, Little Rhdy Clay Britt, Starlit Bruce Gemmell, Wilmngtn Fred Werdine, Sun Phil Nenon, Cin. Pepsi	. 2:06.50 . 2:06.83 . 2:06.91 . 2:06.92 . 2:07.09 . 2:07.34 . 2:07.58 . 2:07.89 . 2:08.11 . 2:08.35
Dave Bottom, Walnut Crk. Curt LaCount, Badger Dol. Scott Seelye, Tacoma John Hoffman, Badger Pat Thomas, West Vly Todd Lincoln, Beach Peter Solomon, Little Rhdy Clay Britt, Starlit Bruce Gemmell, Wilmngtn Fred Werdine, Sun Phil Nenon, Cin. Pepsi Robert Spragins, Harbison Kelly Rives, Dads	. 2:06.50 . 2:06.83 . 2:06.91 . 2:06.92 . 2:07.09 . 2:07.34 . 2:07.45 . 2:07.89 . 2:08.11 . 2:08.35 . 2:08.36 . 2:08.72
Dave Bottom, Walnut Crk. Curt LaCount, Badger Dol. Scott Seelye, Tacoma John Hoffman, Badger Pat Thomas, West Vly Todd Lincoln, Beach Peter Solomon, Little Rhdy Clay Britt, Starlit Bruce Gemmell, Wilmngtn Fred Werdine, Sun Phil Nenon, Cin. Pepsi Robert Spragins, Harbison Kelly Rives, Dads	. 2:06.50 . 2:06.83 . 2:06.91 . 2:06.92 . 2:07.09 . 2:07.34 . 2:07.45 . 2:07.89 . 2:08.11 . 2:08.35 . 2:08.36 . 2:08.72
Dave Bottom, Walnut Crk. Curt LaCount, Badger Dol. Scott Seelye, Tacoma John Hoffman, Badger Pat Thomas, West Vly Todd Lincoln, Beach Peter Solomon, Little Rhdy Clay Britt, Starlit Bruce Gemmell, Wilmngtn Fred Werdine, Sun Phil Nenon, Cin. Pepsi Robert Spragins, Harbison Kelly Rives, Dads Brad Wells, Wichita Mark Strohl, Ann Arbor Sean Bailey, Conquistador	.2:06.50 .2:06.83 .2:06.89 .2:06.92 .2:07.09 .2:07.34 .2:07.48 .2:07.88 .2:07.89 .2:08.15 .2:08.36 .2:08.72 .2:08.89 .2:09.12
Dave Bottom, Walnut Crk. Curt LaCount, Badger Dol. Scott Seelye, Tacoma John Hoffman, Badger Pat Thomas, West Vly Todd Lincoln, Beach Peter Solomon, Little Rhdy Clay Britt, Starlit Bruce Gemmell, Wilmngtn Fred Werdine, Sun Phil Nenon, Cin. Pepsi Robert Spragins, Harbison Kelly Rives, Dads Brad Wells, Wichita Mark Strohl, Ann Arbor Sean Bailey, Conquistador	.2:06.50 .2:06.83 .2:06.89 .2:06.92 .2:07.09 .2:07.34 .2:07.48 .2:07.88 .2:07.89 .2:08.15 .2:08.36 .2:08.72 .2:08.89 .2:09.12
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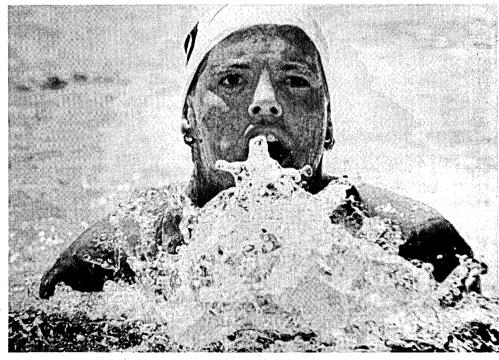
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Steve Lundquist, Dr. Pepper .	. 1:02.89
Bill Barrett, Cin. Pepsi	. 1:03.04
John Hencken, Santa Clara .	1:03.82
Rick Meador, Longhorn	1:04.24
John Moffet Beach	1.04.24
John Moffet, Beach Robert Lager, Indian Viy	1.04.30
Hobert Lager, Indian Viy	. 1:04.46
Greg Higginson, Cin. Pepsi.	. 1:04.49
David Lundberg, Wainut Crk.	. 1:04.74
Nick Nevid, Longhorn	. 1:05.06
Glenn Mills, Cin. Pepsi	. 1:05.24
Jeff Freeman, Santa Clara	. 1:05.27
Jeff Freeman, Santa Clara	1:05.34
Joe Jimenez, Con-Plant	1.05.44
Sam Jones, Unat	1:05.49
John Clark, Santa Barbara	1.05.40
John Clark, Santa Barbara	1.05.56
Jim Barron, Badger Dol Lawrence Dowler, Indian Rvr John Simons, Cardinal	. 1:05.60
Lawrence Dowler, Indian Rvr	. 1:05.79
John Simons, Cardinal	. 1:05.88
Mike Hallill, Spicer	. 1:05.66
Bob McAdam, Decatur	. 1:06.03
George Koch, Oregon	1:06.13
Bob McAdam, Decatur	1:06.13
Greg Rhodenbaugh, Cin Peps	1.00.20
Biskis City Dalm Carines	1.00.40
Rickie Gill, Palm Springs	1:06.41
Mark Barber, Mis. Viejo	
Ron Zhiss, Michiana	. 1:06.46
Tom Ernsting, Santa Clara Thomas Mintz, New Haven	. 1:06.52
Thomas Mintz, New Haven	. 1:06.67
Jan Vanderstuis Hurricane	1:06.74
Jan Vandersluis, Hurricane . Doug Soltis, Florida	1:06.85
Bob Wilton Industry	1.00.00
Bob Wiltse, Industry	1:00.93
Kerwin Gober, Starlit	. 1:06.99
Hob Long, New Haven	. 1:07.02
Rob Long, New Haven Alan Christopher, Stingray	. 1:07.22
Matt Rye, Con-Plant	. 1:07.27
Dean Putterman, Dads	. 1:07 41
Jeff Paulson, S. Snohomish .	1:07.49
Ricky May, Dads	1.07.80
John Christenson Badger	1:07.00
John Christensen, Badger Mike St. Denis, Florida	1.00.00
Mike St. Denis, Florida	. 1:08.02
Jim Carbone, Spicer	. 1:08.07
Trent Lyght, Starlit	. 1:08.11
Dean Hart, Cin. Pepsi	. 1:08.24
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Ed Fuller, Dr. Pepper David Greenwood, Dr. Pepper Jeff White, Conquistador Swim-off John Simons, Cardinal Mike Hamm, Spicer 200 M BREASTSTROKE—Jul Champlonship Finals Glenn Mills, Cin. Pepsi John Moffet, Beach John Hencken, Santa Clara Bill Barrett, Cin. Pepsi John Simons, Cardinal Greg Higginson, Cin. Pepsi Rick Meador, Longhorn Nick Nevid, Longhorn Consolation Finals David Lundberg, Walnut Cree John Budd, Memphis Mark Chatfield, Beach Ron Zhiss, Michiana Greg Rhodenbaugh, C. Pepsi Sandy Pidgeon, Pittsburgh Mike Hamm, Spicer Jim Barron, Badger Dol. Prellms John Moffet, Beach Glenn Mills, Cin. Pepsi Rick Meador, Longhorn John Hencken, Santa Clara John Simons, Cardinal Greg Higginson, Cin. Pepsi Rick Meador, Longhorn Mark Chatfield, Beach David Lundberg, Walnut Crk Jim Barron, Badger Dol. Sandy Pidgeon, Pittsburgh Nick Nevid, Longhorn Mark Chatfield, Beach David Lundberg, Walnut Crk Jim Barron, Badger Dol. Sandy Pidgeon, Pittsburgh John Budd, Memphis Greg Rhodenbaugh, C. Pepsi Ron Zhiss, Michiana Mike Hamm, Spicer Rob Werner, Unat. Rob Long, New Haven Jim Johnson, Con-Plsnt Bob McAdam, Decatur	1:08.40 1:09.24 1:05.75 1:05.93 19.31 2:18.78 2:18.79 2:19.09 2:19.93 2:20.68 2:20.75 2:22.38 2:23.30 2:23.86 2:24.31 2:24.85 2:29.36 2:20.57 2:20.58 2:21.08 2:21.08 2:21.08 2:21.94 2:22.38 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.38 2:22.38 2:22.39 2:23.20
Ed Fuller, Dr. Pepper David Greenwood, Dr. Pepper Jeff White, Conquistador Swim-off John Simons, Cardinal Mike Hamm, Spicer 200 M BREASTSTROKE—Jul Champlonship Finals Glenn Mills, Cin. Pepsi John Moffet, Beach John Hencken, Santa Clara Bill Barrett, Cin. Pepsi John Simons, Cardinal Greg Higginson, Cin. Pepsi Rick Meador, Longhorn Nick Nevid, Longhorn Consolation Finals David Lundberg, Walnut Cree John Budd, Memphis Mark Chatfield, Beach Ron Zhiss, Michiana Greg Rhodenbaugh, C. Pepsi Sandy Pidgeon, Pittsburgh Mike Hamm, Spicer Jim Barron, Badger Dol. Prellms John Moffet, Beach Glenn Mills, Cin. Pepsi Rick Meador, Longhorn John Hencken, Santa Clara John Simons, Cardinal Greg Higginson, Cin. Pepsi Rick Meador, Longhorn Mark Chatfield, Beach David Lundberg, Walnut Crk Jim Barron, Badger Dol. Sandy Pidgeon, Pittsburgh Nick Nevid, Longhorn Mark Chatfield, Beach David Lundberg, Walnut Crk Jim Barron, Badger Dol. Sandy Pidgeon, Pittsburgh John Budd, Memphis Greg Rhodenbaugh, C. Pepsi Ron Zhiss, Michiana Mike Hamm, Spicer Rob Werner, Unat. Rob Long, New Haven Jim Johnson, Con-Plsnt Bob McAdam, Decatur	1:08.40 1:09.24 1:05.75 1:05.93 19.31 2:18.78 2:18.79 2:19.09 2:19.93 2:20.68 2:20.75 2:22.38 2:23.30 2:23.86 2:24.31 2:24.85 2:29.36 2:20.57 2:20.58 2:21.08 2:21.08 2:21.08 2:21.94 2:22.38 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.38 2:22.38 2:22.39 2:23.20
Ed Fuller, Dr. Pepper David Greenwood, Dr. Pepper Jeff White, Conquistador Swim-off John Simons, Cardinal Mike Hamm, Spicer 200 M BREASTSTROKE—Jul Champlonship Finals Glenn Mills, Cin. Pepsi John Moffet, Beach John Hencken, Santa Clara Bill Barrett, Cin. Pepsi John Simons, Cardinal Greg Higginson, Cin. Pepsi Rick Meador, Longhorn Nick Nevid, Longhorn Consolation Finals David Lundberg, Walnut Cree John Budd, Memphis Mark Chatfield, Beach Ron Zhiss, Michiana Greg Rhodenbaugh, C. Pepsi Sandy Pidgeon, Pittsburgh Mike Hamm, Spicer Jim Barron, Badger Dol. Prellms John Moffet, Beach Glenn Mills, Cin. Pepsi Rick Meador, Longhorn John Hencken, Santa Clara John Simons, Cardinal Greg Higginson, Cin. Pepsi Rick Meador, Longhorn Mark Chatfield, Beach David Lundberg, Walnut Crk Jim Barron, Badger Dol. Sandy Pidgeon, Pittsburgh Nick Nevid, Longhorn Mark Chatfield, Beach David Lundberg, Walnut Crk Jim Barron, Badger Dol. Sandy Pidgeon, Pittsburgh John Budd, Memphis Greg Rhodenbaugh, C. Pepsi Ron Zhiss, Michiana Mike Hamm, Spicer Rob Werner, Unat. Rob Long, New Haven Jim Johnson, Con-Plsnt Bob McAdam, Decatur	1:08.40 1:09.24 1:05.75 1:05.93 19.31 2:18.78 2:18.79 2:19.09 2:19.93 2:20.68 2:20.75 2:22.38 2:23.30 2:23.86 2:24.31 2:24.85 2:29.36 2:20.57 2:20.58 2:21.08 2:21.08 2:21.08 2:21.94 2:22.38 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.34 2:22.38 2:22.38 2:22.39 2:23.20
Ed Fuller, Dr. Pepper David Greenwood, Dr. Pepper Jeff White, Conquistador Swim-off John Simons, Cardinal Mike Hamm, Spicer 200 M BREASTSTROKE—Jul Champlonship Finals Glenn Mills, Cin. Pepsi John Moffet, Beach John Hencken, Santa Clara Bill Barrett, Cin. Pepsi John Simons, Cardinal Greg Higginson, Cin. Pepsi Rick Meador, Longhorn Nick Nevid, Longhorn Consolation Finals David Lundberg, Walnut Cree John Budd, Memphis Mark Chatffield, Beach Ron Zhiss, Michiana Greg Rhodenbaugh, C. Pepsi Sandy Pidgeon, Pittsburgh Mike Hamm, Spicer Jim Barron, Badger Dol. Frellms John Moffet, Beach Glenn Mills, Cin. Pepsi Rick Meador, Longhorn John Hencken, Santa Clara John Simons, Cardinal Greg Higginson, Cin. Pepsi Rick Meador, Longhorn John Hencken, Santa Clara John Simons, Cardinal Greg Higginson, Cin. Pepsi Rick Nevid, Longhorn Mark Chatfield, Beach David Lundberg, Walnut Crk. Jim Barron, Badger Dol. Sandy Pidgeon, Pittsburgh John Budd, Memphis Greg Rhodenbaugh, C. Pepsi Ron Zhiss, Michiana Mike Hamm, Spicer Rob Werner, Unat. Rob Long, New Haven Jim Johnson, Con-Pisnt. Bob McAdam, Decatur	1:08.40 1:09.24 1:09.24 1:05.75 1:05.93 ly 31 3 2:18.78 2:18.79 2:19.09 2:19.93 2:20.68 2:20.75 2:22.38 2:23.13 lk 2:22.14 2:22.28 2:23.00 2:24.32 2:24.32 2:24.32 2:20.36 2:20.36 2:20.36 2:21.99 2:22.58 2:21.94 2:22.58 2:23.20 2:24.45 2:21.94 2:22.58 2:23.20 2:24.45 2:21.94 2:22.58 2:23.20 2:24.45 2:24.99

Dan Rawding, Husky 2:25	50
Bob Wiltse Industry 2:25	53
Bob Wiltse, Industry	53
John Walton Walnut Crk 2:25	.oc
Joe Jimenez, Con-Plant 2:25	76
George Koch, Oregon 2:25	. r c
Lawrence Dowler, Indian River 2:26	.9
Chuck Eischen, De Anza 2:26	.0
Kerwin Gober, Starlit 2:26	ام.
Jay Frentsos, Cin. Pepsi 2:26	.92
Scott Adams, Pacific2:27	.00
Jim Flowers, Cin. Pepsi 2:27	.04
Jack Bierie, Alamo 2:27	.54
Jan Vandersluis, Hurricane 2:27	.75
Rickie Gill, Palm Springs2:27	.82
Kevin McKenna, Con-Plsnt 2:28	.28
Jeff White, Conquistador 2:28	.44
Ricky May, Dads 2:28 Ted Rychlik, Lakewood 2:29	.88
Ted Rychlik, Lakewood 2:29	.22
Andy Moore, Lakeside 2:29	.30
Mark Barber, M. Viejo 2:29	.47
Mark Barber, M. Viejo 2:29 Matt Rye, Con-Pisnt 2:29	.54
David Santos, Con-Plant2:29	.91
Dean Putterman, Dads 2:30	.11
Bobby Laugherty, Baylor 2:30	.73
David Greenwood, Dr. Pepper . 2:31	.43
John Christensen, Badger 2:31	.75
Bruce Howell, Beach	oc
Tom Ernsting, Santa Clara I	
Thomas Mintz, New Haven I	50
Kelly Rives, Dads	50
Dan Arakaki, Punahou	no
Jim Carbone, Spicer	
Dan Rosenthal, Spicer	20
Dan Hoseithai, Opicer	-
100 M BUTTERFLYAugust 2	
Championship Finals William Paulus, Longhorn 54	
William Paulus, Longhorn 54	.34
Matt Gribble, Hurricane 54	.51
Mike Bottom, Ath.Action 54	.97
Jim Halliburton, Cin. Pepsi 54	.98
Steve Smith, Florida 55	.07
Joe Bottom, Walnut Crk 55	17
Sam Franklin, Conquistdr 55	54
Jeff Stuart Conquistdr 55	.57 54
Jeff Stuart, Conquistdr55 Consolation Finals	
Nell Macready, Spicer 55	ns
John Ehuna Commerce City 55	40
John Ebuna, Commerce City 55	.~\ 56
Craig Beardsley, Florida55	
William Longton, Conqstdr 55	.o.
Billy Forrester, Florida 55 Richard Hess, Dr. Pepper 56	.04 06
Grea Bostor So Illinois	.00
Greg Porter, So. Illinois 56	.21
Steve Gregg, Conquistdr 56	.34
Prelims	
the Mettherstee Cir Beerl	.54
Joe Bottom, Walnut Crk 54 Jim Halliburton, Cin. Pepsi 54	.54 .62

Steve Smith, Florida	. 54.77
Mike Bottom, Ath.Action	. 54.83
Matt Gribble, Hurricane	. 54.85
William Paulus, Longhorn	. 54.90
Sam Franklin, Conquistor	54.99
Jeff Stuart, Conquistdr John Ebuna, Commerce City	. 55.11
John Ebuna, Commerce City	. 55.32
Greg Porter, So. Illinois	. 55.46
Richard Hess, Dr. Pepper	. 55.51
Neil Macready, Spicer	. 55 53
Steve Gregg, Conquistdr	55.59
Billy Forrester, Florida	55.62
William Longton, Conqueter	55.62
Craig Beardsley, Florida	55 63
Craig Beardsley, Florida Richard Thornton, Con-Plsn	55.64
Dave Wilson, Cin. Pepsi	55.78
Bob Placak, Indian Viy	55 98
Karl Weiss, Badger Dol	56.02
Kris Kirchner, Longhorn	56 O/
Dennis Baker, David Dougls	56.05
Hunter Richmond Dr. Penner	56.00
Hunter Richmond, Dr. Pepper . Scott Spann, Longhorn	56 13
Glynn Perry, Florida	56 16
Sam Jones, Unat.	56.22
lay Hersey Cin Pensi	58 24
Jay Hersey, Cin. Pepsi Keith Clinton, Foxcatchr	. 50.54 56.36
Sandy MacDonald, San Ramon	56.30
Tom Cole, Cin. Pepsi	. 50.30
Brad Hering, Joe Phillips	. 30.38
Donald Haraby Proward	. 50.35 EC 40
Donald Hornby, Broward Charlie Roberts, Univ. Iowa	. 50.40 EC E1
Rick Hyser, Germantown	. 30.31
Hospel Votema Lobe	. 30.34 56.50
Hessel Yntema, Lobo Curt La Count, Badger Dol	. 50.50
Andrew Wren, Briarwood	
Kim Davis Dr. Banner	. 50.70
Kim Davis, Dr. Pepper Todd Crossett, Cin. Pepsi	. 50.00
Iomos Brown Aggio	. 20.93
James Brown, Aggie	. 50.98
Glen Alkin, Conquistdr	. 57.07
John Henry, Longhorn	
Ed Fuller, Dr. Pepper	. 57.20
John Oswiany, Cin. Pepsi	.57.30
Dave Benjamin, Badger	57.32
Rick Morley, Longhorn	. 57.33
Davitt Cunningham, Conqueter	. 57.34
Robin Learny, M. Viejo	57,36
Bob Patten, AC Englewd	57.37
Ricky Bodor, Dads Ken McLaughlin, Cin. Pepsi	.5/.42
Nen McLaughlin, Cin. Pepsi	. 58.19
Brian McGuire, No. River	58.26
Mike Kelly, Spicer	. 59.20
200 M BUTTERFLY—July 30	
Championship Finals	

Craig Beardsley, Florida	1:58.46
Mike Bruner, Mesa	1:59.13
Billy Forrester, Florida	1:59.40

	the state of the s		
	Bill O'Brien, Dads	. 1.59.	77
	Bill O'Brien, Dads Dennis Baker, David Douglas	2:00	26
	Tony Bartle, New Haven	2.00	72
	Jeff Float, Arden		
	Steve Gregg, Conquistdr	2:00	98
	Consolation Finals		••
	Jeff Stuart, Conquistdr	2:01	12
	Bruce Dorman, Lakeside		
	James Lee, Harbison		
	William Paulus, Longhorn	2.02	כם
	Roger VonJouanne, Gr. Rntn.		
	Jesse Vassallo, M. Viejo	2:03.	20
	Hessel Ynterna, Lobo		
	Richard Thornton, Con-Pisnt.	2.04.	140
	Prelims	. 2.05.	91
		.50.04	
	Craig Beardsley, Florida 1		
*	Bill O'Brien, Dads		
	Jeff Float, Arden Hills		
	Steve Gregg, Conquistdr		
	Billy Forrester, Florida	. 2:00.	51
	Dennis Baker, David Douglas		
	Tony Bartle, New Haven	2:00.	57
	Mike Bruner, Mesa	. 2:01.	9
	Jeff Stuart, Conquistdr	2:01.	75
	James Lee, Harbison		
	Bruce Dorman, Lakeside		
	Jesse Vassallo, M. Viejo	2:02.	33
	Richard Thornton, Con-Plant.	. 2:02.4	45
٠.	Roger Von Jouanne, Gr. Rntn.	2:02.	72
	William Paulus, Longhorn	. 2:02.7	78
	Hessel Yntema, Lobo	2:03.	15
	Jon Denney, Unat	2:03.5	55
	Ed Ryder, M. Viejo	2:03.6	30
,	Scott Bergen, Longhorn	2:03.9	94
	⇒Filiberto Colon, M. Viejo	2;04.	10
	Ed Fuller, Dr. Pepper	2:04.	17
	Bob Patten, AC Englwd	2:04.2	23
	Keith Clinton, Foxcatcher	2:04.2	24
,	Brett Favero, Arden His	2:04.2	27
	Charlie Roberts, Univ. Iowa	2:04.3	30
	Neil Macready, Spicer	2:04.4	15
	John Hillencamp, Florida	2:04.8	31
	Todd Crossett, Cin. Pepsi	2:04.8	34
	Dan Coran, De Anza	2:04.9	3
	Andrew Wren, Briarwood	2:05	14
	Rick Carey, Badger		
	Jim Belardi, De Anza	2:05.2	23
	Paul Johnson, M. Viejo	2:05:3	26
	William Longton, Conquistdr.	2:06.0	11
	Glen Aikin, Conquistdr	2:06:0	'n
	Steve Smith, Florida		
	Kevin Fober, Badger Dol	2:06:2	20
	Matt Mullane, Unat	2:06:2	71
	David Gatchell, Dr. Pepper	2:06.2	70
	Steve Vela, Spokane	2.07	'n
	Mike Saphir, De Anza	2:07.4	18
	Chris Rives, Dads	2.07	3
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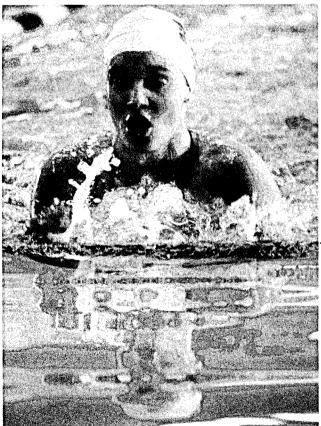


Terri Baxter tied Tracy Caulkins in the 200 breast for her first-ever Nationals title.

Scott Crowder, Santa Clara 2:07.56	Chuck Bauman, Dr. Pepper	4:28.67
Ted Chappell, Paramus 2:07.61	Ed Ryder, M. Viejo	
Paul Sims, M. Viejo 2:07.70	Kyle Miller, Florida	
David Pole, M. Viejo 2:08.21	Consolation Finals	
John Henry, Longhorn 2:09.31	Brian Goodell, M. Viejo	
John Yacovelle, Jersey Wah 2:10.09	Jim Johnson, Con-Plant	
Kyle Miller, Florida DQ	Lincoln Djang, Santa Clara Steve Barnicoat, M. Viejo	
200 M IND. MEDLEY-August 1	Dave Barnes, M. Viejo	
Championship Finals	Chris Hug, Little Rhody	
Bill Barrett, Cin. Pepsi 2:03.62	Roger Von Jouanne, Gr. Rntn	
Jesse Vassallo, M. Viejo 2:04.83	Chris Rowe, Alamo	. 4:34.97
Chris Cavanaugh, De Anza 2:05.35	Prelims	
John Simons, Cardinal 2:06.18	Jesse Vassallo, M. Viejo	
Jim Johnson, Con-Pisnt 2:06.50	Ron Neugent, Wichita Jeff Float, Arden Hills	
Peter Rocca, Con-Pisht 2:06.88 Roger VonJouanne, Gr. Rntn . 2:06.97	David Santos, Con-Plant	
Kyle Miller, Florida 2:10.62	Kyle Miller, Florida	
Consolation Finals	John Simons, Cardinal	
David Lundberg, Wal. Crk 2:05.96	Chuck Bauman, Dr. Pepper	
Rick Meador, Longhorn 2:07.20	Ed Ryder, M. Viejo	
Richard Hess, Dr. Pepper 2:07.66	Jim Johnson, Con-Pisnt	
Mark Greenwood, Industry 2:07.75	Scot Matsuda, Unat	
Tom Roemer, Univ. Iowa 2:08.43 David Santos, Con-Pisnt 2:08.53	Brian Goodeli, M. Viejo Roger VonJouanne, Gr. Rntn	
Jim Barron, Badger Dol 2:08.57	Steve Barnicoat, M. Viejo	
Jim Sorenson, Badger Dol 2:09.70	Dave Barnes, M. Viejo	
Prelims	Lincoln Djang, Santa Clara	
Bill Barrett, Cin. Pepsi 2:03.24*.*	Chris Rowe, Alamo	
Chris Cavanaugh, De Anza 2:05.64	Chris Hug, Little Rhody	
Jesse Vassallo, M. Viejo 2:05.83	Bob Roedel, Highline	
Roger VonJouanne, Gr. Rntn . 2:06.28 Jim Johnson, Con-Plsnt 2:06.45	Kelly Rives, Dads	
Peter Rocca, Con-Pisnt 2:06.78	Dave Melville, Badger Dol	
Kyle Miller, Florida 2:06.93	Glynn Perry, Florida	
John Simons, Cardinal 2:07.07	David Lundberg, Walnut Crk.	
Rick Meador, Longhorn 2:07.27	Jim Anderson, Alamo	
Richard Hess, Dr. Pepper 2:07.37	John Ravenhall, Cin. Pepsi Tom Kelly, Walnut Crk	
David Lundberg, Wal. Crk2:07.40	Jim Sorensen, Badger Dol	
Mark Greenwood, Industry 2:07.67 David Santos, Con-Pisnt 2:07.82	Mike Saphir, De Anza	
Tom Roemer, Univ. Iowa 2:07.86	Monte Brown, Cardinal	
Jim Sorenson, Badger Dol 2:07.94	Jay Frentsos, Cin. Pepsi	
Jim Barron, Badger Dol 2:08.13	Jamie Fowler, Unat	
Glynn Perry, Florida 2:08:43	Ricky Bodor, Dads	
Dave Melville, Badger Dol 2:08.52	Chris Rives, Dads	
Murat Ozuak, Santa Barbara 2:08.66 Scott Spann, Longhorn 2:08.68	Bob Weldon, Ft. Lauderdle	
Kelly Rives, Dads 2:08.73	Steve Vela, Spokane	
Mike Saphir, De Anza2:08.73	Conrad Roark, Mesa	
Greg Higginson, Cin. Pepsi2:08.84	David Pole, M. Viejo	
Scot Matsuda, Unat 2:09.07	T. Chappell, Paramus	
John Ravenhall, Cin. Pepsi 2:09.09 Tom Kelly, Walnut Crk 2:09.12	Brett Favero, Arden His	
Bob Wiltse, Industry 2:09.12	John Yacovelle, Jrsy Whs	
Dave Barnes, M. Viejo 2:09.14	Bruce Dorman, Lakeside	
Dennis Baker, David Dgls 2:09.78	Jack Bierie, Alamo	
Steve Vela, Spokane 2:09.85	Tony Yap, Eastmont	
Sam Jones, Unat	Bob Peters, Aquaducks John Brinkman, M. Viejo	
Jay Frentsos, Cin. Pepsi 2:09.94 Dave Wilson, Cin. Pepsi 2:10.01	Kent Davis, Beach	
Bobby Laugherty, Baylor2:10.18		
	Vic Swanson, Cascade	. 4:48.76
Mark Rhodenbaugh, C. Pepsi . 2:10.40	Vic Swanson, Cascade Carter Cast, Cin. Pepsi	. 4:48.76 . 4:49.33 DQ
John Smith, Longhorn 2:10.57	Vic Swanson, Cascade Carter Cast, Cin. Pepsi Roger Madruga, M. Viejo	. 4:48.76 . 4:49.33 DQ
John Smith, Longhorn 2:10.57 John Moffet, Beach 2:10.59	Vic Swanson, Cascade Carter Cast, Cin. Pepsi Roger Madruga, M. Viejo Brad Williams, Husky	. 4:48.76 . 4:49.33 DQ DQ
John Smith, Longhorn 2:10.57 John Moffet, Beach 2:10.59 Bruce Foster, Tallahassee 2:10.68	Vic Swanson, Cascade Carter Cast, Cin. Pepsi	. 4:48.76 . 4:49.33 DQ DQ DQ
John Smith, Longhorn	Vic Swanson, Cascade	. 4:48.76 . 4:49.33 DQ DQ DQ DQ
John Smith, Longhorn 2:10.57 John Moffet, Beach 2:10.59 Bruce Foster, Tallahassee 2:10.68 Jamie Fowler, Unat 2:11.08 Bob Placak, Indian Vly 2:11.18 Jeff Stuart, Conquistdr 2:11.31	Vic Swanson, Cascade Carter Cast, Cin. Pepsi Roger Madruga, M. Viejo Brad Williams, Husky Murat Ozuak, Santa Barbara Lolo Jaffee, Beach	. 4:48.76 . 4:49.33 DQ DQ DQ DQ DQ
John Smith, Longhorn	Vic Swanson, Cascade Carter Cast, Cin. Pepsi Roger Madruga, M. Viejo Brad Williams, Husky Murat Ozuak, Santa Barbara Lolo Jaffee, Beach 400 M MEDLEY RELAY—Aug Final Results (Timed Fin	. 4:48.76 . 4:49.33 DQ DQ DQ DQ DQ DQ DQ
John Smith, Longhorn 2:10.57 John Moffet, Beach 2:10.59 Bruce Foster, Tallahassee 2:10.68 Jamie Fowler, Unat 2:11.08 Bob Placak, Indian Vly 2:11.18 Jeff Stuart, Conquistdr 2:11.31 Jim Anderson, Alamo 2:11.51 Brad Williams, Husky 2:11.63	Vic Swanson, Cascade Carter Cast, Cin. Pepsi Roger Madruga, M. Viejo Brad Williams, Husky Murat Ozuak, Santa Barbara Lolo Jaffee, Beach 400 M MEDLEY RELAY—Aug Final Results (Timed Fin Dr. Pepper Longhorn	. 4:48.76 . 4:49.33
John Smith, Longhorn 2:10.57 John Moffet, Beach 2:10.59 Bruce Foster, Tallahassee 2:10.68 Jamie Fowler, Unat 2:11.08 Bob Placak, Indian Vly 2:11.18 Jeff Stuart, Conquistdr 2:11.31 Jim Anderson, Alamo 2:11.51 Brad Williams, Husky 2:11.63 Frank Dinkel, Walnut Crk 2:11.70	Vic Swanson, Cascade Carter Cast, Cin. Pepsi Roger Madruga, M. Viejo Brad Williams, Husky Murat Ozuak, Santa Barbara Lolo Jaffee, Beach 400 M MEDLEY RELAY—Aug Final Results (Timed Fin Dr. Pepper Longhorn Florida	. 4:48.76 . 4:49.33 DQ DQ DQ DQ DQ DQ DQ DQ 3:47.13 .3:48.67 .3:48.74
John Smith, Longhorn	Vic Swanson, Cascade Carter Cast, Cin. Pepsi Roger Madruga, M. Viejo Brad Williams, Husky Murat Ozuak, Santa Barbara Lolo Jaffee, Beach 400 M MEDLEY RELAY—Aug Final Results (Timed Fin Dr. Pepper Longhorn Florida Walnut Creek	. 4:48.76 . 4:49.33
John Smith, Longhorn	Vic Swanson, Cascade Carter Cast, Cin. Pepsi Roger Madruga, M. Viejo Brad Williams, Husky Murat Ozuak, Santa Barbara Lolo Jaffee, Beach 400 M MEDLEY RELAY—Aug Final Results (Timed Fin Dr. Pepper Longhorn Florida Walnut Creek Cincinnati Pepsi Marlins	. 4:48.76 . 4:49.33
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Industry Hills	3:59.31
De Anza	3:59.31
Dr. Pepper C	4:02.38
Punahou	4:04.25
Badger B	DQ
Concord-Plesant Hill B	DQ
Starlit B	
-,	
400 M FREE RELAY-July	31
Final Results (Timed F	
Florida	
Dr. Pepper	3.22.24
Mission Viejo	
Dr. Pepper B	
Cincinnati Pepsi Marlins	2.26.30
Longhorn	2.27.11
Concord-Pleasant Hill	2.07.11
Concord-Pleasant Hill	2.20.07
Conquistador	
Dr. Pepper C	3:29.10
Mission Viejo B	3:29.28
Walnut Creek	3:29.53
Badger Dolphin	3:29.64
Dads	3:30.15
Florida B	3:30.44
De Anza	3:31.47
Starlit	
Beach	3:31.91
Bernal's Gator	3:31.98
Spicer's	3:32.42
Industry Hill	3:32.42
Hurricane	
Longhorn B	3:32.69
Conquistador B	3:33.18
Stingray	
Ann Arbor	
Dr. Pepper D	
Concord-Pleasant Hill B	3:34.71
Baylor	3:35.44
Cincinnati Pepsi Marlins C.	3:35.45
Joliet Y Jets	
Badger	3:36.16
Badger Dolphins B	3:36.72
CLASS	3:37.37
Wilmington	3:37.62
Dads B	3:39.45
Alamo Area	3:39.95
Beach B	3:41.38
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	processor special constraints

Germantown	. 3:42.08
Spicer's B	. 3:42.74
Park Ridge	
-	
800 M FREE RELAY-Augus	
Final Results (Timed Fir	
Florida	. , 7;26.67
Dr. Pepper	. 7:31.23
Mission Viejo	. 7.31.84
Conquistador	. 7:34.07
Industry Hills	7:34.41
Longhorn	7:34.79
Concord-Pleasant Hill	
Florida B	. 7:37.84
Cincinnati Pepsi Marlins	. 7:39.49
Dr. Pepper B	. 7:40.21
Dr. Pepper B	. 7:40.72
Badger Dolphins	. 7:41.23
Mission Viejo B	. 7:41.56
Cardinal	7.42.33
Bernal's Gator	. 7:44.23
Dads	. 7:45.25
Joliet Y Jets	. 7:47.23
Longhorn B	. 7:47.42
De Anza	
San Jose	. 7:49.08
Conquistador B	. 7:49.13
Spicer's B	. 7:49.28
Beach	. 7:49.43
Walnut Creek	. 7:49.46
Mission Viejo C	. 7:51.33
Badger	. 7:51.46
David Douglas	. 7:52.10
Alamo Area	. 7:52.45
Hurricane	. 7:52.98
Concord-Pleasant Hill B	
Starlit	.7:56.91
Cincinnati Pepsi Marlins B	. 7:57.56
Germantown	. 7:58.06
Beach B	. 8:00.51
Badger Dolphin B	. 8:01.92
Stingray	.6:02.31
Spicer's A	
Dads B	



Paula Kelly became the first girl from Newfoundland to win a national title at the Canadian Nationals and Olympic Trials.

In the 100 breaststroke race Tracy Caulkins swam to her first victory and the first American record of the meet. Tracy outswam the field, turning in a time of 1:10.40, a quarter of a second better than her previous national mark and over two full seconds ahead of the second-place finisher. For the men, Steve Lundquist and Bill Barrett pushed each other in prelims and finals, with Lundquist emerging victoriously from both. The two bettered Lundquist's American mark in prelims, setting the stage for a showdown in finals. During the evening's competition Lundquist barely outtouched Barrett, 1:02.88 to 1:02.93. Lundquist's time was only twohundredths of a second off the global mark as he bettered his new American standard from prelims by one-hundredth of a second.

Brian Goodell of Mission Viejo established the new American and U.S. Open mark of 7:59.66 in the men's 800 freestyle, bettering Bobby Hackett's four-year-old American standard of 8:01.54 and Djan Madruga's Open time of 7:59.85 from 1980 Indoors.

On Wednesday, Caulkins got things off on the right foot as she raced to another American record while winning the 400 IM in 4:40.61. Nancy Hogshead finished second in the medley and less than one hour later swam to another second place finish in the 200 fly—a strong showing by a gutsy young girl, fighting her way back from an unfortunate string of injuries.

Finishing ahead of Hogshead in the fly was Mary T. Meagher, cruising to a world record time of 2:06.37, improving the world standard she had established at Outdoors in Fort Lauderdale last summer.

The 200 fly was *the* event on Wednesday, as 19-year-old Craig Beardsley shattered Mike Bruner's world record in the prelims. Beardsley knocked over a second off Bruner's best, lowering the standard from 1:59.23 to 1:58.21. In finals that night, Beardsley backed up his record as he touched in 1:58.46 to Bruner's 1:59.13.

Jesse Vassallo of Mission Viejo claimed a meet record in the men's 400 IM, going 4:21.51, one and one-half seconds short of his own world mark (4:20.05). In the men's 100 freestyle prelims, Rowdy Gaines tied his American record as he duplicated his 49.61 from Indoors.

By Thursday, the record-setting pace had begun to slow down but the thrilling races more than made up for the difference. In the women's 200 breast-stroke race, 15-year-old Terri Baxter of Ladera Oaks came from behind to catch Caulkins at the pad. The two touched in an identical 2:34.66, giving the young

Pacific Association swimmer her first national title. For the men, Glenn Mills of Cincinnati Pepsi Marlins repeated his Indoors victory, edging John Moffet of Beach, 2:18.78 to 2:18.79.

Linda Jezek captured the second of her two backstroke wins at Irvine as she edged out Sue Walsh of Zwicker in the 100, 1:03.16 to 1:03.18. In a race nearly

1980 UNITED STATES OLYMPIC TEAM

Lisa Buese, (Kim Carlisle Tracy Caulki	Cin. Pepsi Marlins . , Cin. Pepsi Marlins ns, N'ville 100-20	
Nancy Hogs	head, Florida Aqua	tics 200 fly, 400 IM
Linda Jezek,	Cardinal	100-200 back
Libby Kinkea	ad, Foxcatcher	
Karin LaBerg	je, Germantown	400 IM
Kym Linehai	n, Longhorn	400-800 free, 200 fly
Marybeth Lir	nzmeier, Mission Vi	ejo 100-200-800 free
Mary T. Mea	gher, Cin. Pepsi Mr	In . 200 free, 100-200 fly
Joan Pennin	aton, Longhorn	200 back
		100-200 breast
Jill Sterkel, I	onahorn	100 free
Susie Thave	r. Bartow Fivers	100 free
		100 back
Cynthia Woo	odhead, Unat	100-200-400-800 free
MEN		

MEN
Steve Barnicoat, Mission Viejo 200 back
Bill Barrett, Cin. Pepsi Marlins 100 breast
Craig Beardsley, Florida Aquatics200 fly
Mike Bottom, Athletes-in-Action 100 fly
Mike Bruner, Mesa 400-1500 free, 200 fly
Rick Carey, Badger
Chris Cavanaugh, De Anza100 free
Jeff Float, Arden Hills
Billy Forrester, Florida Aquatics 200 free, 200 fly
Rowdy Gaines, Florida Aquatics 100-200 free
Brian Goodell, Mission Viejo 400 free
Matt Gribble, Hurricane 100 fly
John Hencken, Santa Clara 100-200 breast
Bob Jackson, Conquistador100 back
Kris Kirchner, Longhorn 100 free
David Larson, Florida Aquatics 200 free
Steve Lundquist, Dr. Pepper 100 breast
Glenn Mills, Cin. Pepsi Marlins 200 breast
John Moffet, Beach 200 breast
Ron Neugent, Wichita1500 free
William Paulus, Longhorn 100 fly
Peter Rocca, Concord-Pisnt. Hill 100-200 back
Brian Roney, Industry Hills 400 free
John Simons, De Anza 400 IM
Dave Sims, Joliet Y
Richard Thornton, Concord-Pisnt. Hill 200 free
Jesse Vassallo Mission Vieio 200 back, 400 IM

OLYMPIC STAFF	
George Haines, Foxcatcher	Head Coach
Dennis Pursley, Cin. Pepsi Marlins	
Mark Schubert, Mission Viejo	
Randy Reese, Florida Aquatics	
Paul Bergen, Longhorn	
Don Gambril, Alabama	
George Breen	
Linda Burton	Asst. Manager
Pokey Watson Richardson	
•	_

as closely contested, Peter Rocca (56.64) defeated Bob Jackson (56.78).

Kym (that's K-y-m) Linehan narrowly missed bettering her meet record of 4:07.55 as she swam 4:07.77 in finals, edging Cynthia Woodhead by fourtenths. Bruner made the 400 his first victory of the meet, beating his distance nemesis, Goodell, 3:52.19 to 3:52.99. Bruner, who made the Outdoor Championships the final swim meet of his 17-year swimming career, would later

capture the men's 1500 and the Robert J. H. Kiphuth Award as men's high-point winner.

The next world record to fall was the men's 200 meter individual medley, toppled by Bill Barrett in Friday's preliminary rounds. Barrett admitted to going out with the intention of breaking the mark in prelims. He shaved five-hundredths off Jesse Vassallo's global standard, turning in a 2:03.24. Caulkins captured her fourth gold of the meet as she touched in 2:14.64, bettering her 1980 Indoor meet record of 2:14.73.

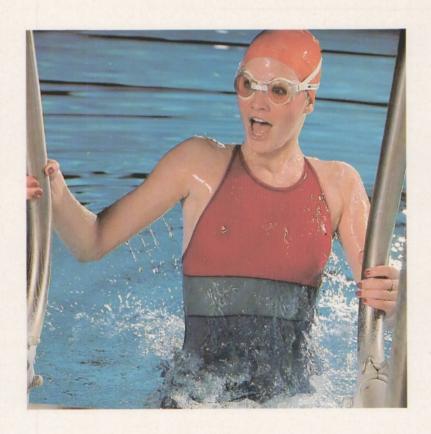
Later that evening the Cincinnati Pepsi Marlins' team of Mary T., Lisa Buese, Diane Johannigman and Stephanie Elkins combined to knock more than a full second off the American, U.S. Open and American Club record in the 800 free relay, going 8:13.07. They bettered Longhorn's previous world best in this non-Olympic event.

The final determination of the overall victorious clubs came down to the final event of the meet, the men's and women's 400 meter medley relay. The Cincinnati Pepsi Marlins clinched the women's and combined awards as they captured first and third in the women's race. As the FAST men turned in a third place showing behind Dr. Pepper and Longhorn, they managed to tie the Mission Viejo team at 345 points for a share of the championship.

Cincinnati coach Dennis Pursley was ecstatic at his team's victory. "It's the biggest thrill I've ever had. We're an exceptionally close team—everyone pulls for one another. We hoped for a shot at the title and things just worked out great." (Maybe too well for Pursley, who showed up at the Olympic luncheon on Sunday afternoon with a clean-shaven head, fulfilling a promise if the team captured the combined title.) It was the second straight title for the women and the first for the Cincinnati team.

Individual high-point victors were a repeat from 1980 Indoors as Caulkins and Bruner each earned their share of the Robert Kiphuth Award. Bruner closed out his career with his best year ever, five national championships. Caulkins, the queen of American swimming, collected her eighth straight Kiphuth as well as running her total of national championships to 27, three shy of Ann Curtis' mark of 30.

Special guest of honor for the 100 butterfly finals on Saturday evening was former California Governor Ronald Reagan and his wife Nancy. Reagan presented the finalists with their medals and delivered a short speech to the Olympians, honoring them for the sacrifice they made in regards to the



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United States boycott of the Moscow Games.

Reagan made mention of the fact that he was a swimmer at Eureka College "five or six years ago" and he was honored by the chance to present awards to people who compete in a sport in which he has, at one time, participated himself.

Following Saturday's last race the 46 Olympians lined up along the side of the pool and received commemorative medals from Col. F. Don Miller, executive director of the United States Olympic Committee. As each swimmer was announced and Miller made the presentation, an aerial fireworks display lit the sky, honoring meet, American and world record setters.

Following the awards and fireworks, Miller praised the swimmers "for their many hours of selfless dedication spent in pursuit of excellence in the sport of swimming.

"When the USOC made the decision in April to not participate, it resulted in many broken dreams and aspirations, heartaches, frustration and confusion among amateur athletes. You are to be complimented," he told the Olympians, "for the dignified manner in which you conducted yourselves during the crisis. You have the opportunity to leave a legacy to the future of amateur athletics in this country.

"I am confident that by your reactions and contributions you will do much to motivate other amateur athletes. And in 1984, here in Los Angeles, the world will see the finest Olympic team in the history of United States swimming," Miller concluded.

Following Miller's statement Ross Wales, president of U.S. Swimming, read a telegram from President Jimmy Carter. In part it read, "The swimmers at Nationals deserve special credit for

their world records bettering many Moscow times. They carry on a long tradition of swimming excellence and I look forward to meeting them at the White House luncheon on Tuesday."

At a luncheon in the Beverly Hills Hotel honoring the Olympians on Sunday (sponsored by Minute Maid and Speedo International) George Haines, 1980 Olympic coach, offered his congratulations to the Olympians whom he identified as "the would've-been people on the would've-been team to the whatcould-have-been Games.

"I know what you athletes went through, and I congratulate you for coming back and swimming the way you did," Haines said. "With the experience of seeing previous Olympic teams I can say that with the four-week training camp scheduled we would have seen some even greater swims over at Moscow."

Following the Trials, the U.S. Olympic swimming team prepared for outfitting by the people of Levi Strauss prior to their three-day trip to Washington, D.C., for recognition by the President. Afterwards, 22 swimmers headed for a China tour and another 74 went to Hawaii for competition with swimmers from Canada, New Zealand and Japan.

As with any major undertaking utilizing time and people, many individuals worked behind the scenes for long hours planning, executing and following up a myriad of details. The 1980 Outdoor Nationals were no exception. The people of Irvine Aquatics—president Sharon Meredith, meet coordinators Milt Dahl and Bill Roberts and publicity manager Mike Stockstill of the Irvine Company—as well as Randy Hart of the U.S. Swimming office, worked for the good of the meet and with the best interests of

the senior swimmers of the United States at heart. They are to be commended for their work.

Without financial backing, any undertaking would definitely flounder before it had a chance to start. The people of Phillips 66 have continued their support of swimming through the travel reimbursement program. Arena, USA, Inc., and Pepsi-Cola provided funds to help purchase the Colorado Timing Systems equipment used at the meet. Hewlett-Packard provided computers for seeding and results and Xerox provided the machines necessary for the xerographic duplicating needed to disseminate information to the press and spectators.

Sea World parks provided the fireworks for Saturday's closing ceremony. The Irvine Company donated time and management personnel to assist in running the meet, as well as funds. Additionally, the local rock group Air Tricks and the United States Marine Band from nearby El Toro Marine Air Station provided music for the nightly awards ceremonies.

And now, after the last race has been swum, the last comparison with Moscow times made, but not the last tear shed for missed opportunities to prove oneself the best in the world, we bid farewell to that which was the 1980 Olympic Games, the XXII Olympiad, and look forward to 1984 and Los Angeles.

As we lay to rest that oft-used term "boycott," the sacrifices of America's amateur athletes will now take their place upon the pages of history, where time will grant perspective to the meanings and values of such actions. Take heed, though, in the words of philosopher-humanist William James, who said, "Effort is the one strictly underived and original contribution we make to this world."

SWIMMERS FOR CHINA TRIP (Aug. 7-21)

WOMEN Terri Baxter . . Nancy Hogshead... Florida Aquatics Linda Jezek , Cardinal Libby Kinkead Karin LaBerge Germantown Marybeth Linzmeier ... Mission Viejo Mary T. Meagher . . Cin. Pepsi MarlinsZwicker Sue Walsh Cynthia Woodhead Unat. Steve Barnicoat Mission Viejo Craig Beardsley Florida Aquatics Mike Bruner..... Rowdy Galnes . , . . . Florida Aquatics Brian Goodell Mission Viejo Steve Lundquist . . . Glenn Mills Cin. Pepsi Marlins John Moffet Beach William Paulus. Peter Rocca . . Concord-Pleasant Hill John Simons Cardinal

SWIMMERS FOR HAWAII TRIP (Aug. 5-18)

Ð	WOMEN	
	Kim Alsobrook	Mission Viejo
		Mission Viejo
		North Baltimore
		Florida Aquatics
		Norwin
		. Cin. Pepsi Marlins
		o. I Unat.
		Cin. Pepsi Mariins
		Best Blue
		Dynamo
		Longhorn
		K.C. Orchards
¥		Mission Viejo
		Pittsburgh
		Longhorn
		an Cin, Pepsi Marlin
		Florida Aquatics
Œ.		
		Bartow Flyers
É		Longhorn
		Chapel Hill Y

Betsy Rapp	Starlit
	Starlit
Kim Rhodenbaugh	r Cin. Pepsi Marlins
Kathy Smith	: Bellevue Eastside
Heather Strang	Greater Lansing
	Bartow Flyers
Linda Thompson.	Ariz. Desert Fox
	Florida Aquatics
	Santa Barbara
	Anoka Blaine
	Stingray
	North Baltimore
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	

Polly Winde	North Baltimore
MEN	
Bill Barrett	. Cin. Pepsi Marlins
	New Haven
	Dr. Pepper
	Walnut Creek
	. Athletes-In-Action
	Starlit
	Cardina
	Badger
	De Anza
	Florida Aquatics
	Rend
	Badger Dolphin
	Arden Hills

Billy Forrester	Florida Aquatics
Matt Gribble	Hurricane
Bobby Hackett	Bernal's Gators
	. Cin. Pepsi Marlins
	Conquistador
Jim Johnson Co	ncord-Pleasant Hill
	Longhorn
Greg Kraus	Dr. Pepper
David Larson	Florida Aquatics
	Walnut Creek
	Stingray
Kent Martin	Longhorn
	Dr. Pepper
	Conquistador
	Dad's Club
	Industry Hills
	ncord-Pleasant Hill
	Longhorn
	Joliet Y
Steve Smith	Florida Aquatics
	Mission Viejo
Richard Thornton	Concord-Plant, Hill
Todd Trowbridge.	Concord-Pisnt, Hill
Jesse Vassallo	Mission Viejo
Bari Weick	Conquistador
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