

**1989 U.S. MASTERS SWIMMING  
NATIONAL LONG COURSE  
CHAMPIONSHIPS**

**at**

**GRAND FORKS,  
NORTH DAKOTA**

**WOMEN'S & MEN'S RESULTS**

**AUGUST 17 – 20, 1989**

**Women's and Men's Results from the  
1989 U.S. MASTERS SWIMMING  
NATIONAL LONG COURSE  
CHAMPIONSHIPS**

**at  
GRAND FORKS, NORTH DAKOTA  
on  
AUGUST 17 – 20, 1989**

**from SWIM Magazine September-  
October 1989 Issue pages 31-37**

**Individual results are for 10 places only.**

**Relay results were not included.  
Team scoring results were not included.**

**If you have a set of complete results (all  
places for women, men, and relays),  
then please contact  
[USMS\(at\)USMS\(dot\)org](mailto:USMS(at)USMS(dot)org)**

# Long Course Nationals Results Grand Forks, North Dakota

August 17-20, 1989

## WOMEN

### 25-29

#### 50 Free

27.78 Lynne Blomberg, Unat.  
29.11 Gina Gatti, Lakeside  
29.12 Melanie Schaffer, MVM  
29.84 Paula Hamp, Dakota  
30.36 Patricia Leahy, Michigan  
32.03 Karen Schmahl, SoCal  
32.04 Karen Christian, MVM  
34.90 Debbie Hoffnagle, Dakota  
35.20 Heather Anderson, MCSC  
37.92 Jo Ann Sandmann, Omaha

#### 100 Free

59.79 Lynne Blomberg, Unat.  
1:02.86 Melanie Schaffer, MVM  
1:09.22 Karen Christian, MVM  
1:12.13 Jennifer Cox, Minn.  
1:14.99 Kaaren Heard, Dakota  
1:16.20 Katherine Leibbrand, Minn.  
1:17.60 Debbie Hoffnagle, Dakota  
1:26.39 Jo Ann Sandmann, Omaha

#### 200 Free

2:08.44\*\* Lynne Blomberg, Unat.  
2:08.55 Diane Graner, SoCal  
2:24.61 Patricia Leahy, Michigan  
2:31.03 Jean Apker, Omaha  
2:31.32 Andree Devine, Oregon  
2:32.98 Karen Christian, MVM  
2:45.18 K. Greene, Charleston  
2:51.55 Jennifer Cox, Minn.

#### 400 Free

4:34.57 Lynne Blomberg, Unat.  
4:53.30 Patricia Leahy, Michigan  
5:08.34 Denise Brown, DCM  
5:14.68 Andree Devine, Oregon  
5:19.08 Karen Christian, MVM  
5:29.30 Jean Apker, Omaha  
5:36.53 K. Greene, Charleston

#### 800 Free

10:48.10 Andree Devine, Oregon  
10:52.90 Karen Christian, MVM  
11:03.12 Paula Hamp, Dakota  
11:17.12 Jean Apker, Omaha  
11:26.67 Sarah Hromada, Minn.

#### 1500 Free

19:40.87 Patricia Leahy, Michigan  
20:11.08 Denise Brown, DCM  
21:27.88 K. Greene, Charleston  
29:14.96 Jo Ann Sandmann, Omaha

#### 50 Back

30.84\*\* Diane Graner, SoCal  
36.96 Sarah Hromada, Minn.  
38.21 Paula Hamp, Dakota  
38.24 Karen Schmahl, SoCal  
46.24 Judy Martens, St. John's  
46.36 Jo Ann Sandmann, Omaha

#### 100 Back

1:07.32\*\* Diane Graner, SoCal  
1:14.73 Melanie Schaffer, MVM  
1:20.31 Jean Apker, Omaha  
1:23.33 Sarah Hromada, Minn.

#### 200 Back

2:19.97\*\* Diane Graner, SoCal  
2:53.37 Jean Apker, Omaha  
2:58.11 Sarah Hromada, Minn.  
3:00.16 Paula Hamp, Dakota

#### 50 Breast

37.68 Gina Gatti, Lakeside  
41.56 Paula Hamp, Dakota  
42.41 Katherine Leibbrand, Minn.  
47.1 Heather Anderson, MCSC  
49.46 Judy Martens, St. John's

### 200 IM

2:26.20\* Diane Graner, SoCal  
2:26.84 Lynne Blomberg, Unat.  
2:40.45 Gina Gatti, Lakeside  
2:45.95 Patricia Leahy, Michigan  
2:46.69 Andree Devine, Oregon  
2:54.04 Karen Schmahl, SoCal  
2:55.34 Denise Brown, DCM  
3:17.79 Heather Anderson, MCSC

### 400 IM

5:12.22 Lynne Blomberg, Unat.  
5:54.34 Patricia Leahy, Michigan  
6:06.02 Denise Brown, DCM  
6:12.48 Karen Schmahl, SoCal

### 30-34

#### 50 Free

27.44 Rosemarie Seaman, TOM  
28.44 Melinda Schmitt, Lakeside  
29.31 Maureen Mortell, Conn.  
30.44 Christine Siegel, San Diego  
31.35 Ana Finseth, Minn.  
32.26 Joanne Stothers, MCSC  
34.54 Anne Healey, Gr. Indiana  
35.04 Erin Sullivan, Omaha

#### 100 Free

1:00.36 Rosemarie Seaman, TOM  
1:01.55 Melinda Schmitt, Lakeside  
1:05.39 Maureen Mortell, Conn.  
1:09.18 Christine Siegel, San Diego  
1:11.39 Ana Finseth, Minn.  
1:13.06 Kim Wise, Virginia  
1:13.78 Sandy Stafford, Manitoba  
1:14.80 Janice Keyser, Omaha  
1:16.05 Anne Healey, Gr. Indiana  
1:31.04 Carol Thibodeaux, Dad's

#### 200 Free

2:17.39 Melinda Schmitt, Lakeside  
2:27.69 Charlene O'Brien, WCM  
2:29.13 Maureen Mortell, Conn.  
2:33.11 Nancy Sirois, NEM  
2:40.79 Kim Wise, Virginia  
2:41.94 Ana Finseth, Minn.  
2:43.22 C. Leigh-Maltry, Wisc.  
2:47.32 Janice Keyser, Omaha  
2:48.60 Sandy Stafford, Manitoba  
2:54.60 Erin Sullivan, Omaha

#### 400 Free

5:10.99 Charlene O'Brien, WCM  
5:20.83 Nancy Sirois, NEM  
5:34.19 Kim Wise, Virginia  
5:34.87 Julie D'Ambrosia, FYMCA  
5:45.93 Sandy Stafford, Manitoba  
5:47.68 Janice Keyser, Omaha  
5:51.43 C. Leigh-Maltry, Wisc.  
5:52.80 Ana Finseth, Minn.  
5:57.15 Anne Healey, Gr. Indiana  
5:58.43 Erin Sullivan, Omaha

#### 800 Free

10:17.65 Melinda Schmitt, Lakeside  
10:53.45 Nancy Sirois, NEM  
11:30.35 Kim Wise, Virginia  
11:37.40 Julie D'Ambrosia, FYMCA  
11:59.77 Sandy Stafford, Manitoba  
12:27.09 Robin Durant, IEM  
12:37.04 Erin Sullivan, Omaha  
14:03.08 Carol Thibodeaux, Dad's

#### 1500 Free

21:23.01 Victoria Sandberg, Minn.  
23:12.76 Janice Keyser, Omaha  
27:15.64 Peggy-A. Bruce, Manitoba

#### 50 Back

36.64 C. Leigh-Maltry, Wisc.  
37.07 Christine Siegel, San Diego  
37.08 Charlene O'Brien, WCM  
37.37 Victoria Sandberg, Minn.  
39.96 Diane Anderson, Dakota  
42.69 Anne Healey, Gr. Indiana  
43.69 Dori Burgan, Unat.

#### 100 Back

1:20.08 Joanne Stothers, MCSC  
1:20.49 Victoria Sandberg, Minn.  
1:20.84 C. Leigh-Maltry, Wisc.  
1:50.58 Lori Cassling, Omaha

#### 200 Back

2:40.40 Melinda Schmitt, Lakeside  
2:56.30 C. Leigh-Maltry, Wisc.  
2:56.43 Victoria Sandberg, Minn.  
3:01.26 Joanne Stothers, MCSC  
3:12.32 Sandy Stafford, Manitoba  
3:55.84 Lori Cassling, Omaha

#### 50 Breast

40.80 Diane Anderson, Dakota  
41.43 Katherine Erickson, Minn.  
44.38 Charlene O'Brien, WCM  
47.97 Carol Thibodeaux, Dad's  
49.46 Peggy-A. Bruce, Manitoba

#### 100 Breast

1:20.21 Rosemarie Seaman, TOM

### 1:28.92

Diane Anderson, Dakota  
1:31.07 Kathrine Erickson, Minn.  
1:43.81 J. Nicholson, Manitoba  
1:47.71 Peggy-A. Bruce, Manitoba  
1:48.63 Carol Thibodeaux, Dad's

### 200 Breast

3:17.05 Kathrine Erickson, Minn.  
3:18.36 Diane Anderson, Dakota  
3:19.77 Nancy Sirois, NEM  
3:39.21 Kim Wise, Virginia  
3:47.88 Erin Sullivan, Omaha  
3:50.03 Robin Durant, IEM  
3:50.13 Peggy-A. Bruce, Manitoba  
3:59.89 Carol Thibodeaux, Dad's

### 50 Fly

32.12 Maureen Mortell, Conn.  
32.69 Charlene O'Brien, WCM  
34.63 Julie D'Ambrosia, FYMCA  
34.69 Joanne Stothers, MCSC  
35.24 Christine Siegel, San Diego  
36.37 Kathrine Erickson, Minn.  
38.72 Sandy Stafford, Manitoba  
39.97 Anne Healey, Gr. Indiana  
47.34 Peggy-A. Bruce, Manitoba  
52.88 J. Nicholson, Manitoba

### 100 Fly

1:06.24\*\* Rosemarie Seaman, TOM  
1:10.97 Melinda Schmitt, Lakeside  
1:16.31 Maureen Mortell, Conn.  
1:17.87 Julie D'Ambrosia, FYMCA  
1:46.20 Robin Durant, IEM

### 200 Fly

3:18.37 Kim Wise, Virginia  
3:53.99 Robin Durant, IEM

### 200 IM

2:33.14 Rosemarie Seaman, TOM  
2:48.81 Maureen Mortell, Conn.  
2:53.61 Nancy Sirois, NEM  
2:55.16 Victoria Sandberg, Minn.  
2:57.79 C. Leigh-Maltry, Wisc.  
2:59.74 Kathrine Erickson, Minn.  
3:12.82 Janice Keyser, Omaha  
3:20.50 Robin Durant, IEM

### 400 IM

6:06.02 Nancy Sirois, NEM  
6:13.50 Victoria Sandberg, Minn.  
6:21.73 Kathrine Erickson, Minn.  
6:44.04 Janice Keyser, Omaha  
7:03.49 Erin Sullivan, Omaha

### 35-39

#### 50 Free

30.15 Beth Brenner, PNW  
30.21 Louise Stacy, Oklahoma  
30.66 Gail Meakins, Texas  
31.01 Jackie Maye, Arizona  
32.94 Leslie Bush, Niagara  
34.81 C. Kirchoffner, Mandan  
35.35 Judy Morelli, Michigan  
35.96 Laura Calwell, MVM  
36.32 Patricia Timmins, WFM  
39.82 Jamie Davidson, Minn.

#### 100 Free

1:05.37 Dot Munger, Fox.  
1:05.87 Louise Stacy, Oklahoma  
1:07.52 L. Wetzel-Osborne, Texas  
1:08.88 Gail Meakins, Texas  
1:11.10 Jackie Maye, Arizona  
1:11.81 Shannon Sullivan, SoCal  
1:12.62 Leslie Bush, Niagara  
1:12.80 Mary Windrath, Minn.  
1:17.10 Laura Calwell, MVM  
1:20.02 C. Kirchoffner, Mandan

#### 200 Free

2:35.73 Gail Meakins, Texas  
2:35.24 Leslie Bush, Niagara  
2:40.26 Suzanne Rague, ESMS  
2:41.76 Mary Windrath, Minn.  
2:44.81 Shannon Sullivan, SoCal  
2:46.00 Laura Calwell, MVM  
2:46.24 Mary Barker, St. Pete  
2:55.08 Lisa Watson, Georgia  
3:08.95 Jane Moore, PNW  
3:09.70 Jamie Davidson, Minn.

#### 400 Free

5:06.13 Dot Munger, Fox.  
5:34.19 Mary Windrath, Minn.  
5:35.96 Suzanne Rague, ESMS  
5:38.99 Leslie Bush, Niagara  
5:39.90 Nancy Miller, Virginia  
5:44.41 Shannon Sullivan, SoCal  
5:49.92 Cathy Mancino, Gold Coast  
5:54.83 Laura Calwell, MVM  
5:57.81 Mary Barker, St. Pete  
6:02.73 Lisa Watson, Georgia

#### 800 Free

10:32.37 Dot Munger, Fox.  
11:43.01 Leslie Bush, Niagara  
11:43.07 Nancy Miller, Virginia  
12:03.32 Laura Calwell, MVM

### 12:27.31

Alison Mitchell, Aiso Hills  
12:38.44 Mary Barker, St. Pete

### 1500 Free

20:50.30 N. Steadman-Martin, JM  
21:07.54 Barbara Gundrod, PNW  
22:31.45 Shannon Sullivan, SoCal  
22:41.95 Suzanne Rague, ESMS  
22:44.76 Cathy Mancino, Gold Coast  
23:59.21 Lisa Watson, Georgia  
25:28.76 Jane Moore, PNW  
26:05.73 Jamie Davidson, Minn.

### 50 Back

34.06 Louise Stacy, Oklahoma  
35.28 Beth Brenner, PNW  
36.54 Gail Meakins, Texas  
36.55 N. Steadman-Martin, JM  
38.18 Jackie Maye, Arizona  
43.55 Mary Barker, St. Pete  
43.67 Patti Sears, Texas  
45.81 Lisa Watson, Georgia

### 100 Back

1:14.20 Louise Stacy, Oklahoma  
1:19.22 N. Steadman-Martin, JM  
1:24.58 Gail Meakins, Texas  
1:32.96 Lisa Watson, Georgia  
1:33.48 Mary Barker, St. Pete  
1:44.16 Patti Sears, Texas

### 200 Back

2:40.51 Louise Stacy, Oklahoma  
2:42.92 N. Steadman-Martin, JM  
2:49.07 Barbara Gundrod, PNW  
2:53.49 Beth Brenner, PNW  
2:53.68 N. Steadman-Martin, JM  
3:14.02 Lisa Watson, Georgia  
3:15.51 Suzanne Rague, ESMS  
3:18.00 Mary Barker, St. Pete  
3:42.67 Jane Moore, PNW  
3:43.53 Gail Dummer, Michigan

### 50 Breast

34.41\*\* L. Wetzel-Osborne, Texas  
38.55 Dot Munger, Fox.  
39.83 Catherine Kohn, St. Louis  
40.89 Beth Brenner, PNW  
42.03 Nancy Miller, Virginia  
42.14 Judy Morelli, Michigan  
44.65 Patricia Timmins, WFM  
45.17 Mary Windrath, Minn.  
48.10 Gail Dummer, Michigan  
49.66 Justine DeVries, Manitoba

### 100 Breast

1:17.84\*\* L. Wetzel-Osborne, Texas  
1:25.68 Catherine Kohn, St. Louis  
1:33.87 Nancy Miller, Virginia  
1:35.43 Judy Morelli, Michigan  
1:36.05 Patricia Timmins, WFM  
1:36.80 Shannon Sullivan, SoCal  
1:39.07 Mary Windrath, Minn.  
1:39.96 Alison Mitchell, Aiso Hills  
1:52.02 Gail Dummer, Michigan  
1:53.21 Justine DeVries, Manitoba

### 200 Breast

2:54.85\* L. Wetzel-Osborne, Texas  
3:04.81 Catherine Kohn, St. Louis  
3:08.73 Dot Munger, Fox.  
3:26.07 Nancy Miller, Virginia  
3:28.17 Patricia Timmins, WFM  
3:30.88 Alison Mitchell, Aiso Hills  
3:31.58 Shannon Sullivan, SoCal  
3:32.42 Judy Morelli, Michigan  
3:57.29 Gail Dummer, Michigan  
4:20.73 Jane Moore, PNW

### 50 Fly

32.14 M. Stevens, Gr. Indiana  
32.49 Beth Brenner, PNW  
32.62 Louise Stacy, Oklahoma  
L. Wetzel-Osborne, Texas  
35.01  
36.56  
38.23 Alison Mitchell, Aiso Hills

### 100 Fly

1:11.97 M. Stevens, Gr. Indiana  
1:15.73 Susi Chandler, Unat.  
1:16.59 Barbara Gundrod, PNW  
1:24.59 Cathy Mancino, Gold Coast

### 200 Fly

2:38.37 M. Stevens, Gr. Indiana  
2:55.36 Barbara Gundrod, PNW  
2:57.22 N. Steadman-Martin, JM  
3:07.82 Cathy Mancino, Gold Coast

### 200 IM

2:40.45\* M. Stevens, Gr. Indiana  
2:41.33 Catherine Kohn, St. Louis  
2:49.30 Barbara Gundrod, PNW  
2:49.63 Beth Brenner, PNW  
3:01.38 Gail Meakins, Texas  
3:01.45 Mary Windrath, Minn.  
3:06.37 Cathy Mancino, Gold Coast  
3:07.28 Alison Mitchell, Aiso Hills  
3:11.71 Suzanne Rague, ESMS  
3:13.46 Judy Morelli, Michigan

# Long Course Nationals

<b>400 IM</b>	5:45.91 Catherine Kohn, St. Louis	<b>100 Back</b>	1:17.99 Dale Strickland, ESMS	40.88 Jane Katz, ESMS
5:50.97 M. Stevens, Gr. Indiana	1:25.19 Mary Pohlmann, Lincoln	41.23 Barbara Hoellen, Holmes	1:32.38 Catherine Brooks, Davis	43.68 Betsy Durrant, Virginia
6:11.46 H. Steadman-Martin, JM	1:38.34 Amy Longo, Omaha	45.22 Carol Grisso, Montana	1:43.26 Tanna Anderson, DCM	46.07 Jacqueline Odium, Unat.
6:34.38 Suzanne Rague, ESMS	2:00.22 Jeanne Ensign, Montana	46.76 Barbara Helsingner, Dakota	<b>200 Back</b>	47.95 Margaret Van Every, FAST
6:37.09 Cathy Mancino, Gold Coast	2:50.11 Dale Strickland, ESMS	52.18 Ruth Perry, Regina	2:58.59 Stephanie Walsh, VFM	<b>100 Breast</b>
6:39.67 Nancy Miller, Virginia	3:01.76 Mary Pohlmann, Lincoln	1:24.68 Betty Bennett, Lincoln	3:28.00 Sandra Cathey, Meck.	1:32.27 Barbara Frid, Oregon
6:46.86 Alison Mitchell, Aliso Hills	3:40.65 Amy Longo, Omaha	1:40.98 Carol Grisso, Montana	3:45.04 Tanna Anderson, DCM	1:42.01 Jacqueline Odium, Unat.
7:45.46 Gail Dumner, Michigan	43.23 S. Peterson-Dillon, SNM	1:42.59 G. Kleber, Scarborough	<b>50 Breast</b>	1:44.72 Kathy Rattray, Churchill
<b>40-44</b>	45.51 Lesley Clark, AM	1:46.61 Margaret Van Every, FAST	43.23 S. Peterson-Dillon, SNM	1:53.67 Barbara Helsingner, Dakota
<b>50 Free</b>	1:06.26 Genevieve Moyer, NW Ohio	1:54.44 Roswita Norris, Davis	45.51 Lesley Clark, AM	1:58.68 Kay Werremeyer, Dakota
31.71 Dale Strickland, ESMS	<b>100 Breast</b>	<b>200 Back</b>	31.84 Christie Stimak, Conn.	3:06.90 Betty Bennett, Lincoln
31.84 Christie Stimak, Conn.	1:29.47 Christie Stimak, Conn.	3:10.01 J. Murphy-Sherman, ESMS	34.24 Penny Mymryk, Regina	3:20.89 Barbara Frid, Oregon
34.24 Penny Mymryk, Regina	1:39.96 Catherine Brooks, Davis	3:24.78 Betsy Durrant, Virginia	35.62 Amy Longo, Omaha	3:37.99 Jacqueline Odium, Unat.
35.62 Amy Longo, Omaha	1:41.33 Sandra Cathey, Meck.	3:44.77 G. Kleber, Scarborough	35.85 Lesley Clark, AM	4:01.41 Roswita Norris, Davis
35.85 Lesley Clark, AM	1:42.96 Jessie Watson, Gr. Pensa.	4:07.84 Kay Werremeyer, Dakota	37.34 Vicki Buccino, Unat.	<b>50 Breast</b>
37.34 Vicki Buccino, Unat.	1:43.31 Penny Mymryk, Regina	43.80 Nancy Ridout, Tamalpais	37.64 Tanna Anderson, DCM	44.71 J. Murphy-Sherman, ESMS
57.03 Genevieve Moyer, NW Ohio	1:45.54 Lesley Clark, AM	45.25 Betsy Durrant, Virginia	58.33 Andrea Dragon, JM	47.04 Margaret Van Every, FAST
<b>100 Free</b>	2:27.04 Genevieve Moyer, NW Ohio	46.83 Mary Mead, Marlin	1:11.40 S. Peterson-Dillon, SNM	48.83 Ruth Winn, Tamalpais
1:12.21 Joan Diercks, Gr. Indiana	<b>200 Breast</b>	49.25 Ruth Winn, Tamalpais	1:12.86 Joan Diercks, Gr. Indiana	51.97 A. Beltem, Adirondack
1:18.93 Lesley Clark, AM	3:22.28 Christie Stimak, Conn.	1:01.81 Lydia Pelland, Manitoba	1:19.82 Vicki Buccino, Unat.	<b>100 Breast</b>
1:21.12 Penny Mymryk, Regina	3:32.30 Catherine Brooks, Davis	1:36.13 J. Murphy-Sherman, ESMS	1:23.84 Amy Longo, Omaha	1:36.79 Barbara Frid, Oregon
1:29.70 Sara Sachs, CPM	3:37.68 Sandra Cathey, Meck.	1:40.30 Betsy Durrant, Virginia	1:35.58 Jeanne Ensign, Montana	1:43.84 Pamela Hinstreet, Oregon
<b>200 Free</b>	3:39.58 Joan Diercks, Gr. Indiana	1:45.36 Margaret Van Every, FAST	2:36.02 Joan Diercks, Gr. Indiana	1:47.73 Ruth Winn, Tamalpais
2:38.12 S. Peterson-Dillon, SNM	4:18.54 Tanna Anderson, DCM	1:52.23 A. Beltem, Adirondack	2:53.06 Vicki Buccino, Unat.	1:53.77 Jacqueline Odium, Unat.
2:56.71 Lesley Clark, AM	<b>50 Fly</b>	1:53.63 Mary Mead, Marlin	3:06.56 Penny Mymryk, Regina	1:58.34 Roswita Norris, Davis
3:06.56 Penny Mymryk, Regina	32.26 Dale Strickland, ESMS	<b>200 Breast</b>	3:12.74 Sara Sachs, CPM	3:28.55 J. Murphy-Sherman, ESMS
3:12.74 Sara Sachs, CPM	34.12 Stephanie Walsh, VFM	3:37.45 Betsy Durrant, Virginia	3:31.24 Jeanne Ensign, Montana	3:47.19 Ruth Winn, Tamalpais
<b>400 Free</b>	36.13 Carolyn Kent, IEM	3:49.14 Margaret Van Every, FAST	5:20.30 Joan Diercks, Gr. Indiana	3:49.14 Margaret Van Every, FAST
5:44.06 Christie Stimak, Conn.	38.30 Joan Diercks, Gr. Indiana	4:02.77 A. Beltem, Adirondack	5:41.56 S. Peterson-Dillon, SNM	4:06.54 Roswita Norris, Davis
6:01.72 Vicki Buccino, Unat.	38.66 Amy Longo, Omaha	4:15.42 Mary Mead, Marlin	6:09.50 Sara Sachs, CPM	50 Fly
6:29.65 Lesley Clark, AM	40.22 Tanna Anderson, DCM	34.41 Irene David, Lincoln	6:39.40 Sara Sachs, CPM	34.33 Irene David, Lincoln
7:12.71 Jeanne Ensign, Montana	41.98 Penny Mymryk, Regina	34.98 Barbara Hoellen, Holmes	7:12.71 Jeanne Ensign, Montana	36.85 Barbara Frid, Oregon
<b>800 Free</b>	1:09.73 Genevieve Moyer, NW Ohio	<b>100 Fly</b>	11:24.71 Joan Diercks, Gr. Indiana	1:14.84 Ardeth Mueller, St. Louis
12:11.02 Mary Pohlmann, Lincoln	1:14.76 Stephanie Walsh, VFM	1:24.18 Irene David, Lincoln	12:23.44 Vicki Buccino, Unat.	1:26.27 Barbara Hoellen, Holmes
13:35.84 Sandra Cathey, Meck.	1:15.52 Dale Strickland, ESMS	1:29.40 Jane Katz, ESMS	13:42.83 Sara Sachs, CPM	1:57.05 Jacqueline Odium, Unat.
16:35.28 Tanna Anderson, DCM	1:24.13 Carolyn Kent, IEM	<b>200 Fly</b>	16:35.28 Tanna Anderson, DCM	2:48.45 Ardeth Mueller, St. Louis
<b>1600 Free</b>	<b>200 Fly</b>	3:23.28 Irene David, Lincoln	22:20.73 S. Peterson-Dillon, SNM	3:25.65 Barbara Hoellen, Holmes
27:22.19 Jeanne Ensign, Montana	2:46.42 Stephanie Walsh, VFM	3:37.49 Betsy Bennett, Lincoln	27:22.19 Jeanne Ensign, Montana	3:45.47 Marypat Maley, CPM
<b>50 Back</b>	3:12.21 Carolyn Kent, IEM	<b>200 IM</b>	35.52 Dale Strickland, ESMS	2:49.67 Ardeth Mueller, St. Louis
37.54 Mary Pohlmann, Lincoln	3:23.17 Mary Pohlmann, Lincoln	3:04.36 Betty Bennett, Lincoln	42.03 Amy Longo, Omaha	3:06.63 Jane Katz, ESMS
45.28 Tanna Anderson, DCM	3:53.69 Sandra Cathey, Meck.	3:08.63 J. Murphy-Sherman, ESMS	<b>400 IM</b>	3:09.05 Marypat Maley, CPM
<b>45-49</b>	4:14.07 Jessie Watson, Gr. Pensa.	3:22.68 Carol Grisso, Montana	6:08.39 Stephanie Walsh, VFM	3:22.68 Carol Grisso, Montana
<b>50 Free</b>	2:51.38 Stephanie Walsh, VFM	3:35.02 Pamela Hinstreet, Oregon	6:40.19 Carolyn Kent, IEM	4:03.48 Roswita Norris, Davis
30.73 Nancy Ridout, Tamalpais	3:03.81 Christie Stimak, Conn.	4:04.00 Mary Mead, Marlin	6:59.42 Catherine Brooks, Davis	6:44.43 Betty Bennett, Lincoln
32.58 Irene David, Lincoln	3:08.13 Carolyn Kent, IEM	6:45.31 J. Murphy-Sherman, ESMS	7:26.28 Vicki Buccino, Unat.	7:04.62 Marypat Maley, CPM
33.22 Barbara Hoellen, Holmes	3:08.20 Mary Pohlmann, Lincoln	7:55.73 Jacqueline Odium, Unat.	<b>45-49</b>	8:37.22 Roswita Norris, Davis
34.65 Carol Grisso, Montana	3:16.94 Catherine Brooks, Davis	<b>50-54</b>	<b>50 Free</b>	33.20 Jayne Lambke, St. Pete
40.56 Barbara Helsingner, Dakota	3:22.27 Penny Mymryk, Regina	33.20 Lucille Griffin, Virginia	30.73 Nancy Ridout, Tamalpais	39.21 Joann Leitch, DCM
42.59 A. Beltem, Adirondack	3:31.66 Jessie Watson, Gr. Pensa.	34.40 Barbara Zaremski, DCM	34.65 Carol Grisso, Montana	35.27 Joann Leitch, DCM
42.80 Mary Mead, Marlin	4:18.61 Jeanne Ensign, Montana	35.27 Ann Johnson, Gr. Indiana	3:07.47 Ruth Winn, Tamalpais	36.32 M. Heinenman, Gr. Indiana
44.02 Kay Werremeyer, Dakota	<b>400 IM</b>	37.78 Patricia Arnold, NOA	3:08.01 G. Kleber, Scarborough	43.71 Patricia Arnold, NOA
49.37 Ellie Trevison, JM	6:08.39 Stephanie Walsh, VFM	1:00.29 Catharina Kelch, AM	3:35.23 Kathy Rattray, Churchill	<b>100 Free</b>
50.47 Lydia Pelland, Manitoba	6:40.19 Carolyn Kent, IEM	<b>100 Breast</b>	3:38.25 Kay Werremeyer, Dakota	1:13.72 Jayne Lambke, St. Pete
<b>100 Free</b>	6:59.42 Catherine Brooks, Davis	2:28.24 Ardeth Mueller, St. Louis	3:55.58 A. Beltem, Adirondack	1:17.32 Lucille Griffin, Virginia
1:07.00 Ardeth Mueller, St. Louis	7:26.28 Vicki Buccino, Unat.	2:40.68 Nancy Ridout, Tamalpais	<b>480 Free</b>	1:19.75 Barbara Zaremski, DCM
1:11.73 Nancy Ridout, Tamalpais	<b>45-49</b>	2:54.30 Marypat Maley, CPM	5:33.54 Nancy Ridout, Tamalpais	3:03.62 Liz Stock, RMM
1:17.08 Irene David, Lincoln	<b>50 Free</b>	3:05.89 Irene David, Lincoln	5:46.76 Barbara Frid, Oregon	<b>200 Free</b>
1:33.19 Barbara Helsingner, Dakota	30.73 Nancy Ridout, Tamalpais	3:07.01 Carol Grisso, Montana	5:57.60 Marypat Maley, CPM	2:49.31 Jayne Lambke, St. Pete
1:41.20 A. Beltem, Adirondack	32.58 Irene David, Lincoln	3:07.47 Ruth Winn, Tamalpais	6:23.50 Pamela Hinstreet, Oregon	3:03.39 Barbara Zaremski, DCM
1:54.99 Ellie Trevison, JM	3:38.25 Kay Werremeyer, Dakota	3:35.23 Kathy Rattray, Churchill	6:31.63 Ruth Winn, Tamalpais	3:07.57 Joann Leitch, DCM
<b>200 Free</b>	3:55.58 A. Beltem, Adirondack	3:38.25 Kay Werremeyer, Dakota	6:50.68 Carol Grisso, Montana	3:24.43 Sandy Cattarin, Unat.
2:28.24 Ardeth Mueller, St. Louis	<b>480 Free</b>	3:55.58 A. Beltem, Adirondack	7:00.15 G. Kleber, Scarborough	3:49.08 Judy Kennedy, Omaha
2:40.68 Nancy Ridout, Tamalpais	5:33.54 Nancy Ridout, Tamalpais	<b>400 IM</b>	7:39.39 Kathy Rattray, Churchill	4:02.28 Marjorie Corner, Dakota
2:54.30 Marypat Maley, CPM	5:46.76 Barbara Frid, Oregon	6:45.31 J. Murphy-Sherman, ESMS	7:46.59 Kay Werremeyer, Dakota	<b>400 Free</b>
3:05.89 Irene David, Lincoln	5:57.60 Marypat Maley, CPM	6:58.51 Patricia Arnold, NOA	7:51.88 Barbara Helsingner, Dakota	5:58.91 Jayne Lambke, St. Pete
3:07.01 Carol Grisso, Montana	6:23.50 Pamela Hinstreet, Oregon	7:59.84 Judy Kennedy, Omaha	<b>800 Free</b>	13:12.88 S. Rittenhouse, San Diego
3:07.47 Ruth Winn, Tamalpais	6:31.63 Ruth Winn, Tamalpais	8:21.86 Marjorie Corner, Dakota	13:12.88 S. Rittenhouse, San Diego	
3:35.23 Kathy Rattray, Churchill	6:50.68 Carol Grisso, Montana	<b>800 Free</b>		
3:38.25 Kay Werremeyer, Dakota	7:00.15 G. Kleber, Scarborough	2:49.31 Jayne Lambke, St. Pete		
3:55.58 A. Beltem, Adirondack	7:39.39 Kathy Rattray, Churchill	3:03.39 Barbara Zaremski, DCM		
<b>480 Free</b>	7:46.59 Kay Werremeyer, Dakota	3:07.57 Joann Leitch, DCM		
5:33.54 Nancy Ridout, Tamalpais	7:51.88 Barbara Helsingner, Dakota	3:24.43 Sandy Cattarin, Unat.		
5:46.76 Barbara Frid, Oregon	<b>800 Free</b>	3:49.08 Judy Kennedy, Omaha		
5:57.60 Marypat Maley, CPM	13:12.88 S. Rittenhouse, San Diego	4:02.28 Marjorie Corner, Dakota		
6:23.50 Pamela Hinstreet, Oregon		4:02.28 Marjorie Corner, Dakota		
6:31.63 Ruth Winn, Tamalpais		<b>400 Free</b>		
6:50.68 Carol Grisso, Montana		5:58.91 Jayne Lambke, St. Pete		
7:00.15 G. Kleber, Scarborough		6:58.51 Patricia Arnold, NOA		
7:39.39 Kathy Rattray, Churchill		7:59.84 Judy Kennedy, Omaha		
7:46.59 Kay Werremeyer, Dakota		8:21.86 Marjorie Corner, Dakota		
7:51.88 Barbara Helsingner, Dakota		<b>800 Free</b>		
<b>800 Free</b>		13:12.88 S. Rittenhouse, San Diego		
13:12.88 S. Rittenhouse, San Diego				
13:36.36 G. Kleber, Scarborough				
15:47.38 Kathy Rattray, Churchill				
17:56.65 Ellie Trevison, JM				
<b>1600 Free</b>				
21:35.71 Jane Katz, ESMS				
22:37.24 Marypat Maley, CPM				
25:51.46 Ruth Winn, Tamalpais				
29:54.30 Barbara Helsingner, Dakota				
<b>50 Back</b>				
38.63 Betty Bennett, Lincoln				
40.61 Barbara Frid, Oregon				

# Long Course Nationals

13:13.52 Barbara Zaremski, DCM  
 13:26.22 M. Heineman, Gr. Indiana  
 15:29.91 Judy Kennedy, Omaha  
 28:29.70 Liz Stock, RMM  
**1500 Free**  
 25:06.05 Barbara Jordan, WCM  
 27:11.39 Patricia Arnold, NDA  
**50 Back**  
 38:17 Betsy Jordan, San Diego  
 45:81 Judy Kennedy, Omaha  
 46:14 Ann Johnson, ESMS  
 48:54 Irene Harris, Regina  
 51:51 Clarice Rossi, Lincoln  
 1:27:89 Liz Stock, RMM  
**100 Back**  
 1:30:52 Betsy Jordan, San Diego  
 1:42:60 Ann Johnson, ESMS  
 1:47:56 Judy Kennedy, Omaha  
 1:55:59 Clarice Rossi, Lincoln  
**200 Back**  
 3:04:99 Betsy Jordan, San Diego  
 3:40:74 Barbara Zaremski, DCM  
 3:55:14 Judy Kennedy, Omaha  
**50 Breast**  
 43:03 Joann Leitch, DCM  
 45:19 Margit Jebe, Conn.  
 46:04 Ann Johnson, ESMS  
 48:58 Helen Geoffrion, SoCal  
 48:60 Irene Harris, Regina  
 53:64 Clarice Rossi, Lincoln  
 1:00:11 Marjorie Corner, Dakota  
 1:02:00 Catharina Kelch, AM  
**100 Breast**  
 1:30:63 Joann Leitch, DCM  
 1:38:67 Margit Jebe, Conn.  
 1:42:57 M. Heineman, Gr. Indiana  
 1:46:32 Ann Johnson, ESMS  
 1:54:88 Helen Geoffrion, SoCal  
 1:58:36 Clarice Rossi, Lincoln  
 2:07:19 Marjorie Corner, Dakota  
 2:13:80 Catharina Kelch, AM  
**200 Breast**  
 3:17:92\* Joann Leitch, DCM  
 3:32:52 Margit Jebe, Conn.  
 3:42:70 M. Heineman, Gr. Indiana  
 3:51:56 Irene Harris, Regina  
 4:11:91 Clarice Rossi, Lincoln  
 4:48:68 Catharina Kelch, AM  
**50 Fly**  
 35:53 Jayne Lambke, St. Pete  
 40:66 Lucille Griffin, Virginia  
 41:13 S. Rittenhouse, San Diego  
 41:69 Sandy Cattarin, Unat.  
 42:64 Ann Johnson, ESMS  
 46:21 Margit Jebe, Conn.  
 46:57 Irene Harris, Regina  
 47:28 Helen Geoffrion, SoCal  
 53:78 Patricia Arnold, NDA  
 1:18:51 Marjorie Corner, Dakota  
**100 Fly**  
 1:30:42 Jayne Lambke, St. Pete  
 1:33:28 Lucille Griffin, Virginia  
 1:41:98 S. Rittenhouse, San Diego  
 1:51:11 Sandy Cattarin, Unat.  
 1:51:30 Margit Jebe, Conn.  
 1:55:23 Helen Geoffrion, SoCal  
 2:04:82 Patricia Arnold, NDA  
**200 Fly**  
 3:37:33 Betsy Jordan, San Diego  
 3:41:59 S. Rittenhouse, San Diego  
 3:49:07 M. Heineman, Gr. Indiana  
 3:49:79 Lucille Griffin, Virginia  
 4:08:98 Helen Geoffrion, SoCal  
**200 IM**  
 3:16:29 Betsy Jordan, San Diego  
 3:17:36 Joann Leitch, DCM  
 3:28:66 M. Heineman, Gr. Indiana  
 3:30:99 Barbara Zaremski, DCM  
 3:36:18 Margit Jebe, Conn.  
 3:38:02 S. Rittenhouse, San Diego  
 3:53:56 Helen Geoffrion, SoCal  
 3:54:35 Irene Harris, Regina  
 3:57:66 Patricia Arnold, NDA  
 4:02:79 Sandy Cattarin, Unat.  
**400 IM**  
 7:06:66 Betsy Jordan, San Diego  
 7:43:63 S. Rittenhouse, San Diego

17:29.97 Flavia McBride, MVM  
**1500 Free**  
 22:26.10 Lavelle Stoinoff, Mult.  
 27:18:78 Adrienne Pipes, San Diego  
 28:23:47 Mary Ann Stone, Lakeside  
 30:09:44 Ann Dallam, VFM  
 30:13:41 Frances McIntosh, Guelph  
 31:35:16 S. Robbins, Oklahoma  
 32:50:88 Janet Kavadas, PNW  
**50 Back**  
 44:75 S. Robbins, Oklahoma  
 45:80 Mary J. Mullins, Lakeside  
 51:46 Kathie Theis, Minn.  
 53:19 Kathy Iseri, Sacramento  
 56:02 Barb Nelson, Minn.  
**100 Back**  
 1:40:59 S. Robbins, Oklahoma  
 1:51:07 Kathie Theis, Minn.  
 1:51:83 Mary J. Mullins, Lakeside  
 1:57:38 Kathy Iseri, Sacramento  
 2:03:14 Frances McIntosh, Guelph  
**200 Back**  
 3:10:89\*\* Lavelle Stoinoff, Mult.  
 3:15:78 S. Robbins, Oklahoma  
 3:48:38 Phillis Wilson, Ohio  
 3:55:73 Mary J. Mullins, Lakeside  
 4:01:62 Kathy Iseri, Sacramento  
 4:21:34 Frances McIntosh, Guelph  
 4:34:61 Janet Kavadas, PNW  
**50 Breast**  
 50:36 Carol Ferguson, Lakeside  
 54:37 S. Robbins, Oklahoma  
**100 Breast**  
 1:31:65\*\* Jayne Bruner, DCM  
 1:35:78 Mary Ann Stone, Lakeside  
 2:02:52 S. Robbins, Oklahoma  
 2:07:81 Barbara Glancy, DCM  
**200 Breast**  
 3:22:24\*\* Jayne Bruner, DCM  
 3:33:55 Lavelle Stoinoff, Mult.  
 4:05:91 Carol Ferguson, Lakeside  
 4:39:62 Janet Kavadas, PNW  
 5:06:96 Barb Nelson, Minn.  
**50 Fly**  
 36:74 Jayne Bruner, DCM  
 46:50 Phillis Wilson, Ohio  
 47:79 Adrienne Pipes, San Diego  
 47:79 Ann Dallam, VFM  
 58:99 Mary J. Mullins, Lakeside  
**100 Fly**  
 1:48:69 Phillis Wilson, Ohio  
 1:49:29 Adrienne Pipes, San Diego  
 1:52:30 Ann Dallam, VFM  
 2:12:21 Mary J. Mullins, Lakeside  
 2:30:77 Janet Kavadas, PNW  
**200 Fly**  
 4:05:03 Phillis Wilson, Ohio  
 4:07:29 Ann Dallam, VFM  
**200 IM**  
 3:26:54 Jayne Bruner, DCM  
 3:50:40 Phillis Wilson, Ohio  
 4:01:45 Barbara Glancy, DCM.  
 4:03:77 Ann Dallam, VFM  
**400 IM**  
 7:01:52 Lavelle Stoinoff, Mult.  
 8:00:56 Phillis Wilson, Ohio  
 8:21:54 Adrienne Pipes, San Diego  
 8:41:49 Ann Dallam, VFM  
 9:19:30 Janet Kavadas, PNW  
 9:24:44 Mary J. Mullins, Lakeside

50 Fly  
 46:38 Edie Gruender, Arizona  
 49:03 Della Sehorn, Los Altos  
 54:36 Parkie Copeland, Iowa  
**100 Fly**  
 1:42:37 June Krauser, Gold Coast  
 1:48:89 Este Gruender, Arizona  
**200 Fly**  
 3:41:15 June Krauser, Gold Coast  
 3:41:86 Betty Russ, Ohio  
 4:13:91 Edie Gruender, Arizona  
**200 IM**  
 3:36:69 June Krauser, Gold Coast  
 3:38:50 Betty Russ, Ohio  
 3:38:55 Della Sehorn, Los Altos  
 4:09:79 Marian Ebert, MAM  
 4:11:52 Parkie Copeland, Iowa  
**400 IM**  
 8:08:29 Edie Gruender, Arizona  
**50 Free**  
 65:89  
 66:86 Patsy Smith, Oregon  
 40:43 Catherine Williams, FYMCA  
 40:96 Jeanne Merryman, VFM  
 41:84 M. Meyer, Santa Cruz  
 42:90 Betty Christian, MVM  
 42:98 Nancy Phillips, Conn.  
 43:13 S. Crandell, Scarborough  
 54:42 Lou Heath, RMM  
**100 Free**  
 1:24:23 Patsy Smith, Oregon  
 1:27:71 Phyllis Slaigo, Minn.  
 1:37:77 Mary Lee Watson, Nash.  
 1:38:81 Jeanne Merryman, VFM  
 1:48:08 S. Crandell, Scarborough  
 2:05:17 Lou Heath, RMM  
**200 Free**  
 3:07:86\*\* Patsy Smith, Oregon  
 3:27:07 Mary Lee Watson, Nash.  
 3:43:69 S. Crandell, Scarborough  
 4:23:37 Ana-Mary Hottinger, RMM  
 6:17:72 Enid Uhrich, St. Pete  
**400 Free**  
 6:33:33\* Patsy Smith, Oregon  
 7:13:36 M. Meyer, Santa Cruz  
 7:19:61 Mary Lee Watson, Nash.  
 8:13:39 S. Crandell, Scarborough  
 8:23:31 Jean Beers, Space Coast  
 8:59:63 Ana-Mary Hottinger, RMM  
 9:08:33 Agota Frohs, RMM  
 12:57:30 Enid Uhrich, St. Pete  
**800 Free**  
 14:44:04 Mary Lee Watson, Nash.  
 15:07:41 Phyllis Slaigo, Minn.  
 15:07:47 M. Meyer, Santa Cruz  
 17:24:56 S. Crandell, Scarborough  
 18:13:88 Agota Frohs, RMM  
 26:27:80 Enid Uhrich, St. Pete  
**1500 Free**  
 25:35:81 Patsy Smith, Oregon (WR)  
 32:38:86 Jean Beers, Space Coast  
 34:34:65 Ana-Mary Hottinger, RMM  
**50 Back**  
 48:06 Regan Kenner, St. Louis  
 48:22 Catherine Williams, FYMCA  
 49:50 Sarah Allnut, FYMCA  
 49:50 Jeanne Merryman, VFM  
 50:34 Nancy Phillips, Conn.  
 50:59 M. Meyer, Santa Cruz  
 57:43 Betty Christian, MVM  
 58:17 Lou Heath, RMM  
**100 Back**  
 1:41:18\* Regan Kenner, St. Louis  
 1:45:40 Catherine Williams, FYMCA  
 1:50:82 M. Meyer, Santa Cruz  
 1:58:83 Jeanne Merryman, VFM  
 1:54:13 Nancy Phillips, Conn.  
 1:58:61 Mary Lee Watson, Nash.  
 2:08:28 Lou Heath, RMM  
 2:08:73 Betty Christian, MVM  
 2:13:17 S. Crandell, Scarborough  
**200 Back**  
 3:38:28\* Regan Kenner, St. Louis  
 3:47:79 Catherine Williams, FYMCA  
 4:01:46 Jeanne Merryman, VFM  
 4:08:72 M. Meyer, Santa Cruz  
 4:11:55 Mary Lee Watson, Nash.  
 4:29:45 Lou Heath, RMM  
**50 Breast**  
 49:38 Regan Kenner, St. Louis  
 49:46 Betty Christian, MVM  
 54:45 Sarah Allnut, FYMCA  
 55:47 Jae Howell, WCM  
 1:00:91 Jean Beers, Space Coast  
**100 Breast**  
 1:45:89\*\* Regan Kenner, St. Louis  
 1:53:77 Betty Christian, MVM  
 1:56:40 Sarah Allnut, FYMCA  
 2:05:35 Jae Howell, WCM  
 2:12:47 Agota Frohs, RMM  
 2:15:95 Jean Beers, Space Coast  
**200 Breast**  
 3:49:96\*\* Regan Kenner, St. Louis  
 4:10:22 Betty Christian, MVM  
 4:16:48 Sarah Allnut, FYMCA  
 4:28:46 Jae Howell, WCM  
 4:38:73 Agota Frohs, RMM  
**50 Fly**  
 46:39 Catherine Williams, FYMCA  
 51:36 Sarah Allnut, FYMCA  
 54:58 Jeanne Merryman, VFM  
 56:09 Nancy Phillips, Conn.  
 1:04:15 Jean Beers, Space Coast  
 1:19:47 Ana-Mary Hottinger, RMM  
**100 Fly**  
 2:21:24 Jae Howell, WCM  
**200 IM**  
 3:48:86 Catherine Williams, FYMCA  
 4:02:86 Patsy Smith, Oregon  
 4:17:73 Jae Howell, WCM

4:22:46 Nancy Phillips, Conn.  
 4:34:68 Jean Beers, Space Coast  
**400 IM**  
 9:13:22 Jae Howell, WCM  
**70-74**  
 50 Free  
 40:81 Louise Donovan, Lincoln  
 44:48 Meme Habich, Lakeside  
 54:49 Lorraine Murphy, DCM  
 1:07:95 Isabelle Lie, San Diego  
**100 Free**  
 1:35:66 Louise Donovan, Lincoln  
 2:13:25 Lorraine Murphy, DCM  
 2:17:43 Elizabeth Colburn, Lincoln  
 2:28:83 Lois Ebert, RMM  
 2:29:40 Lorraine Peterson, CTM  
 2:36:18 Meme Habich, Lakeside  
**200 Free**  
 3:39:49 Louise Donovan, Lincoln  
 3:53:37 Yvonne Frischhertz, NDA  
**400 Free**  
 7:48:13 Louise Donovan, Lincoln  
 8:11:01 Yvonne Frischhertz, NDA  
 9:47:24 Marie Kreide, MVM  
 11:11:70 Lois Ebert, RMM  
 11:25:56 Lorraine Peterson, CTM  
**800 Free**  
 15:45:46 Louise Donovan, Lincoln  
 22:17:35 Rosemary Kariker, Bolts  
**1500 Free**  
 33:02:31 Yvonne Frischhertz, NDA  
 36:55:66 Marie Kreide, MVM  
 43:53:07 Rose Steward, Arizona  
**50 Back**  
 51:82 Yvonne Frischhertz, NDA  
 Gertrud Zint, Holmes  
 Louise Donovan, Lincoln  
 1:05:53 Elizabeth Colburn, Lincoln  
 1:14:08 Meme Habich, Lakeside  
 1:14:19 Lorraine Murphy, DCM  
 1:20:46 Dorothy Gilsdorf, Lakeside  
 1:50:42 Isabelle Lie, San Diego  
**100 Back**  
 1:56:45 Yvonne Frischhertz, NDA  
 2:16:59 Sally Joy, WCM  
 2:37:51 Meme Habich, Lakeside  
 2:38:31 Lorraine Murphy, DCM  
 2:39:10 Lois Ebert, RMM  
 2:42:69 Lorraine Peterson, CTM  
**200 Back**  
 4:02:28 Yvonne Frischhertz, NDA  
 4:33:69 Zada Taft, San Mateo

4:52:19 Sally Joy, WCM  
 5:06:57 Margaret Samson, CTM  
 5:34:17 Lois Ebert, RMM  
 5:49:95 Lorraine Peterson, CTM  
 6:17:16 Rose Steward, Arizona  
**50 Breast**  
 53:77 Gertrud Zint, Holmes  
 1:00:28 Sally Joy, WCM  
 1:04:46 Marie Kreide, MVM  
 1:08:28 Yvonne Frischhertz, NDA  
 2:54:91 Isabelle Lie, San Diego  
**100 Breast**  
 1:59:46 Gertrud Zint, Holmes  
 2:20:67 Sally Joy, WCM  
 2:30:92 Yvonne Frischhertz, NDA  
 2:35:62 Marie Kreide, MVM  
**200 Breast**  
 4:36:31 Gertrud Zint, Holmes  
 5:12:03 Sally Joy, WCM  
 5:47:77 Gertrud Zint, Holmes  
 5:49:45 Zada Taft, San Mateo  
 1:01:81 Yvonne Frischhertz, NDA  
 1:02:10 Sally Joy, WCM  
 1:06:63 Rosemary Kariker, Bolts  
 1:08:66 Marie Kreide, MVM  
 1:20:99 Lorraine Murphy, DCM  
**100 Fly**  
 2:15:67 Zada Taft, San Mateo  
 2:23:29 Yvonne Frischhertz, NDA  
 2:28:15 Rosemary Kariker, Bolts  
 4:14:99 Rose Steward, Arizona  
**200 Fly**  
 5:07:08 Zada Taft, San Mateo  
 5:44:19 Rosemary Kariker, Bolts  
 8:42:61 Rose Steward, Arizona  
**200 IM**  
 Gertrud Zint, Holmes  
 4:36:47 Zada Taft, San Mateo  
 4:58:34 Yvonne Frischhertz, NDA  
 5:05:88 Marie Kreide, MVM  
 5:24:88 Rosemary Kariker, Bolts  
 8:19:77 Lorraine Peterson, CTM  
 6:53:26 Rose Steward, Arizona  
**400 IM**  
 9:46:87 Zada Taft, San Mateo  
 10:25:79 Yvonne Frischhertz, NDA  
 11:31:41 Rosemary Kariker, Bolts  
 14:02:49 Rose Steward, Arizona

52:94 Jean Chenuaux, PRM  
 1:14:57 Hedy Pullman, DCM  
**100 Free**  
 1:40:85 Nancy Clark, DCM  
 1:46:42 Marie Wicklund, Conn.  
 2:05:85 Jean Chenuaux, PRM  
 2:46:41 Hedy Pullman, DCM  
**200 Free**  
 3:55:34\* Nancy Clark, DCM  
 4:03:41 Marie Wicklund, Conn.  
 4:31:00 Jean Chenuaux, PRM  
 6:01:62 Dorothy Riordan, Lakeside  
**400 Free**  
 8:33:06 Nancy Clark, DCM  
 9:39:94 Jean Chenuaux, PRM  
**800 Free**  
 17:52:51\* Marie Wicklund, Conn.  
 19:30:42 Jean Chenuaux, PRM  
 22:30:70 Hilda Buel, San Mateo  
**50 Back**  
 52:22\* Marie Wicklund, Conn.  
 59:48 Nancy Clark, DCM  
 1:19:42 Hedy Pullman, DCM  
 1:25:11 Mildred Anderson, LSM  
**100 Back**  
 1:56:71\*\* Marie Wicklund, Conn.  
 2:57:02 Hedy Pullman, DCM  
 3:18:10 Dorothy Riordan, Lakeside  
**200 Back**  
 4:09:60\*\* Marie Wicklund, Conn.  
**50 Breast**  
 1:14:57 Anne Wilder, IRCC  
 1:24:39 Mildred Anderson, LSM  
 1:46:74 Hedy Pullman, DCM  
**100 Breast**  
 2:41:51 Hilda Buel, San Mateo  
 3:16:71 Mildred Anderson, LSM  
 3:32:52 Dorothy Riordan, Lakeside  
 3:59:85 Hedy Pullman, DCM  
**200 Breast**  
 6:23:26 Anne Wilder, IRCC  
 7:33:76 Dorothy Riordan, Lakeside  
**50 Fly**  
 1:22:89 Anne Wilder, IRCC  
 1:37:19 Mildred Anderson, LSM  
**100 Fly**  
 3:10:29 Hilda Buel, San Mateo  
 4:14:12 Lakeside  
**200 Fly**  
 6:42:37 Hilda Buel, San Mateo  
 6:53:76 Anne Wilder, IRCC  
**200 IM**  
 5:43:28 Hilda Buel, San Mateo

# Long Course Nationals

5:53.61 Anne Widler, IRCC  
 5:38.75 Mikrod Anderson, LSM  
 7:15.89 Dorothy Riordan, Lakeside  
 4:00 IM  
 12:29.38 Hilda Buel, San Mateo  
 12:29.91 Anne Widler, IRCC

**80-84**  
**50 Free**  
 51.02\* Julia Dolce, JM  
**100 Free**  
 1:59.70\* Julia Dolce, JM  
**200 Free**  
 4:21.71\* Julia Dolce, JM  
**400 Free**  
 9:42.48 Julia Dolce, JM  
**800 Free**  
 19:56.61 Julia Dolce, JM (WR)  
**50 Back**  
 1:06.67 Julia Dolce, JM  
 1:17.05 Sally Scott, Gold Coast  
**100 Back**  
 2:47.42 Sally Scott, Gold Coast  
**200 Back**  
 6:02.39 Sally Scott, Gold Coast  
**400 IM**  
 7:40.71 Sally Scott, Gold Coast  
**400 IM**  
 16:48.53 Sally Scott, Gold Coast

**85-89**  
**50 Free**  
 1:07.18 Marian McKechnie, STP  
**200 Free**  
 5:47.38\*\* Marian McKechnie, STP  
**1500 Free**  
 52:23.80 M. McKechnie, STP (WR)  
**50 Back**  
 1:18.86 Marian McKechnie, STP  
**100 Back**  
 3:04.69 Marian McKechnie, STP  
**200 Back**  
 6:20.47 Marian McKechnie, STP

## MEN

25-29  
**50 Free**  
 24.98 Peter McCafferty, SoCal  
 26.59 Glenn Cole, Michigan  
 26.76 Robert Burton, Texas  
 27.48 Patrick Emery, Dakota  
 27.53 Dennis Kennesat, Mandan  
 28.00 Robert Carnegie, AM  
 28.94 M. Van Helvert, Manitoba

**100 Free**  
 1:02.19 Frank Wood, Minnesota  
 1:02.95 Patrick Emery, Dakota  
 1:03.69 M. Van Helvert, Manitoba  
 1:04.58 Robert Carnegie, AM  
 1:06.46 David Hamman, Dakota  
**200 Free**  
 2:02.17 James Boegman, Omaha  
 2:04.74 Patrick Mitchell, Fox  
 2:06.84 Mike Halpeny, Minn.  
 2:08.08 Glenn Cole, Michigan  
 2:09.05 Avey Kintner, Minn.  
 2:18.20 Frank Wood, Minn.  
 2:56.59 Karl Sturgeson, Manitoba  
**400 Free**  
 4:20.82 James Boegman, Omaha  
 4:26.95 Patrick Mitchell, Fox  
 4:37.18 Steven Roeder, Michigan  
 4:39.35 Avey Kintner, Minn.  
 5:02.81 Frank Wood, Minn.  
 5:30.90 M. Van Helvert, Manitoba  
 6:12.55 Karl Sturgeson, Manitoba

**800 Free**  
 9:22.23 Patrick Mitchell, Fox  
 9:38.11 Steven Roeder, Michigan  
 10:22.51 John Apker, Omaha  
 11:45.80 Todd Samland, Omaha

**1500 Free**  
 17:31.33 James Boegman, Omaha

**50 Back**  
 33.57 Robert Carnegie, AM  
 34.46 M. Van Helvert, Manitoba  
 39.31 Ric Nash, MCSC

**100 Back**  
 1:09.71 Glenn Cole, Michigan  
 1:10.97 Robert Carnegie, AM  
 1:17.87 M. Van Helvert, Manitoba  
 1:26.28 David Hamman, Dakota

**200 Back**  
 2:21.88 James Boegman, Omaha  
 2:39.88 Robert Carnegie, AM  
 2:53.70 Robert Burton, Texas

**50 Breast**  
 30.50 Peter McCafferty, SoCal  
 32.53 Jeffrey Kennedy, Minn.  
 35.37 Robert Burton, Texas  
 37.35 Todd Samland, Omaha  
 37.99 Patrick Emery, Dakota  
 38.17 David Hamman, Dakota

**100 Breast**  
 1:09.16 Peter McCafferty, SoCal  
 1:12.01 Peter Kennedy, Minn.  
 1:16.09 Steven Roeder, Michigan  
 1:18.12 Todd Samland, Omaha  
 1:18.77 Robert Burton, Texas  
 1:20.36 Dennis Kennesat, Mandan  
 1:37.01 Karl Sturgeson, Manitoba  
 1:39.83 Ric Nash, MCSC

**200 Breast**  
 2:33.66 Peter McCafferty, SoCal  
 2:41.88 Steven Roeder, Michigan  
 2:52.02 Jeffrey Kennedy, Minn.  
 2:52.41 John Apker, Omaha  
 2:54.52 Robert Burton, Texas  
 2:54.98 Todd Samland, Omaha

3:04.19 Dennis Kennesat, Mandan  
 3:16.16 David Hamman, Dakota

**50 Fly**  
 28.14 Frank Wood, Minn.  
 31.45 Patrick Emery, Dakota  
 33.65 M. Van Helvert, Manitoba

**100 Fly**  
 1:01.09 Patrick Mitchell, Fox  
 1:01.99 Glenn Cole, Michigan  
 1:03.81 Frank Wood, Minn.

**200 Fly**  
 2:17.10 Mike Halpeny, Minn.  
 2:21.47 Glenn Cole, Michigan  
 2:45.53 John Apker, Omaha  
 2:48.58 Frank Wood, Minn.

**200 IM**  
 2:16.08 Peter McCafferty, SoCal  
 2:16.42 James Boegman, Omaha  
 2:24.20 Patrick Mitchell, Fox  
 2:25.60 Steven Roeder, Michigan  
 2:27.56 Jeffrey Kennedy, Minn.  
 2:35.03 John Apker, Omaha  
 2:41.82 Todd Samland, Omaha  
 2:47.42 David Hamman, Dakota  
 2:47.95 Dennis Kennesat, Mandan  
 3:07.12 Ric Nash, MCSC

**400 IM**  
 4:53.56 James Boegman, Omaha  
 5:10.56 Peter McCafferty, SoCal  
 5:10.87 Mike Halpeny, Minn.  
 5:12.38 Steven Roeder, Michigan  
 5:12.78 Patrick Mitchell, Fox  
 5:36.83 John Apker, Omaha  
 6:00.98 Todd Samland, Omaha

**30-34**  
**50 Free**  
 25.49 Timothy Daly, Minn.  
 25.55 Dan Stephenson, Michigan  
 26.31 Eric Nyquist, Minn.  
 26.36 Bruce Hartleben, Minn.  
 28.37 J.W. Garlock, Omaha  
 27.39 Robert Thompson, Dakota  
 27.62 Mark Wren, MVM  
 27.67 Glen Anderson, Manitoba  
 27.77 Robert McGloin, Omaha  
 30.65 Mike Stromberg, Dakota

**100 Free**  
 53.67 Dan Stephenson, Michigan  
 56.23 Timothy Daly, Minn.  
 58.51 Eric Nyquist, Minn.  
 59.27 J.W. Garlock, Omaha  
 59.69 Jeff Thibodeaux, Dad's  
 59.85 Shawn Fischer, Maryland

**200 Free**  
 1:01.57 Robert McGloin, Omaha  
 1:05.03 Glen Anderson, Manitoba  
 1:02.24 Mark Wren, MVM  
 1:02.41 Jeffrey Thornton, Dakota

**400 Free**  
 1:57.93 Dan Stephenson, Michigan  
 2:04.61 Timothy Daly, Minn.  
 2:06.31 Scott Malm, Minn.  
 2:08.74 Shawn Fischer, Maryland

**800 Free**  
 2:09.57 Kerry O'Brien, WCM  
 2:14.05 Eric Nyquist, Minn.  
 2:24.49 Mark Westergard, LSM  
 2:25.58 Mark Wren, MVM  
 2:37.81 Randall Cassling, Omaha

**1000 Free**  
 4:11.81 Dan Stephenson, Michigan  
 4:34.28 Shawn Fischer, Maryland  
 4:39.12 Alan Godfrey, Powerpoints  
 4:48.42 Jeff Thibodeaux, Dad's  
 4:57.51 Mike Skarp, Minn.  
 5:02.18 Wayne Mulhern, Minn.  
 5:08.59 Mark Westergard, LSM  
 5:18.37 Mark Wren, MVM

**800 Fly**  
 6:51.77 Dan Stephenson, Michigan  
 6:59.35 Jeff Thibodeaux, Dad's  
 10:41.43 Mark Westergard, LSM  
 10:43.88 Jeffrey Thornton, Dakota  
 10:53.23 Toby Roche, Holmes  
 11:22.37 Mark Wren, MVM  
 13:00.74 Robert Thompson, Dakota

**1500 Free**  
 18:18.04 Shawn Fischer, Maryland  
 19:28.85 Mike Skarp, Minn.  
 19:38.81 Jim Sandor, Saly Dog  
 20:01.22 Wayne Mulhern, Minn.  
 24:00.61 Thomas Grunow, RMM

**50 Back**  
 29.42 Scott Malm, Minn.  
 31.16 Kerry O'Brien, WCM  
 31.48 Jeff Thibodeaux, Dad's  
 31.92 Glen Anderson, Manitoba  
 32.40 Wayne Mulhern, Minn.  
 32.43 Alan Godfrey, Powerpoints  
 32.57 Steve Chapman, RMM  
 47.15 Robert Thompson, Dakota

**100 Back**  
 1:03.92 Scott Malm, Minn.  
 1:07.69 Jeff Thibodeaux, Dad's  
 1:08.42 Kerry O'Brien, WCM  
 1:08.67 Alan Godfrey, Powerpoints  
 1:09.84 Wayne Mulhern, Minn.  
 1:12.46 J.W. Garlock, Omaha  
 1:14.47 Steve Chapman, RMM  
 1:34.88 Thomas Grunow, RMM

**200 Back**  
 2:21.41 Scott Malm, Minn.  
 2:27.68 Shawn Fischer, Maryland  
 2:28.50 Alan Godfrey, Powerpoints  
 2:30.70 Jeff Thibodeaux, Dad's  
 2:32.03 Wayne Mulhern, Minn.  
 2:40.03 J.W. Garlock, Omaha  
 2:43.03 Steve Chapman, RMM  
 3:14.61 Brent Dowler, Prairie

**50 Breast**  
 33.98 Bill Farrell, Minn.  
 34.58 Jamie Louie, RMM

34.69 Jeffrey Thornton, Dakota  
 34.97 Bruce Hartleben, Minn.  
 35.40 Robert McGloin, Omaha  
 38.97 Randall Cassling, Omaha  
 40.32 Edward Rademacher, ECSC  
 40.45 Steve Chapman, RMM  
 43.14 Randy Soli, Dakota

**100 Breast**  
 1:15.97 Jeffrey Thornton, Dakota  
 1:18.31 Jamie Louie, RMM  
 1:21.75 Bruce Hartleben, Minn.  
 1:24.52 Toby Roche, Holmes  
 1:25.34 Randall Cassling, Omaha  
 1:33.19 Randy Soli, Dakota  
 1:36.82 Edward Rademacher, ECSC  
 1:42.11 Thomas Grunow, RMM

**200 Breast**  
 2:49.09 Jamie Louie, RMM  
 2:50.26 Jeffrey Thornton, Dakota  
 3:01.81 Wayne Mulhern, Minn.  
 3:06.80 Tom Considine, Dakota  
 3:09.31 Toby Roche, Holmes  
 3:14.47 Randall Cassling, Omaha  
 3:40.20 Thomas Grunow, RMM  
 3:53.93 Robert Thompson, Dakota

**50 Fly**  
 27.71 Eric Nyquist, Minn.  
 27.94 Timothy Daly, Minn.  
 29.23 Eric Nyquist, Minn.  
 28.17 J.W. Garlock, Omaha  
 30.81 Ken Hoffman, Dakota  
 30.20 Robert McGloin, Omaha  
 30.89 Steve Chapman, RMM  
 32.53 Edward Rademacher, ECSC  
 37.27 Randy Soli, Dakota  
 37.47 Bill Cathness, Manitoba

**100 Fly**  
 59.68 Kerry O'Brien, WCM  
 1:02.57 Timothy Daly, Minn.  
 1:04.23 Eric Nyquist, Minn.  
 1:05.73 Alan Godfrey, Powerpoints  
 1:05.85 Jim Sandor, Saly Dog  
 1:08.78 Ken Hoffman, Dakota  
 1:19.14 Tom Considine, Dakota  
 1:22.35 Mark Westergard, LSM

**200 Fly**  
 3:11.34 Kerry O'Brien, WCM  
 3:23.99 Alan Godfrey, Powerpoints  
 3:06.69 Toby Roche, Holmes  
 3:15.72 Mark Westergard, LSM  
 1:05.73 Thomas Grunow, RMM

**200 IM**  
 2:31.83 Jamie Louie, RMM  
 2:32.72 Shawn Fischer, Maryland  
 2:40.17 Ken Hoffman, Dakota  
 2:43.69 Steve Chapman, RMM  
 2:54.34 Tom Considine, Dakota  
 3:04.78 Randall Cassling, Omaha  
 3:09.05 Randy Soli, Dakota  
 3:11.34 Thomas Grunow, RMM

**400 IM**  
 4:54.82 Dan Stephenson, Michigan  
 5:32.41 Jamie Louie, RMM  
 6:05.24 Toby Roche, Holmes  
 6:09.73 Tom Considine, Dakota

27.06 Larry Nymn, Minn.  
 27.08 Craig Stevens, Fox  
 27.53 Tom McParlan, Michigan

**100 Free**  
 56.07 Jeff Perout, Holmes  
 56.75 Peter Brunson, RMM  
 57.03 Jim McConeca, Ventura  
 57.97 Kevin Potansky, RMM  
 57.97 Jeffrey Lukens, MIM  
 59.11 Tom McParlan, Michigan  
 59.23 Craig Stevens, Fox  
 59.52 John Kafentzis, IEM  
 59.53 Richard Jordan, Wimbleton  
 1:00.13 Michael Heather, SoCal

**200 Free**  
 2:04.61 Jeff Perout, Holmes  
 2:04.66 Jim McConeca, Ventura  
 2:05.04 Larry Wood, Texas  
 2:05.48 Peter Brunson, RMM  
 2:05.08 Kevin Potansky, RMM  
 2:06.99 Rick Phillips, SoCal  
 2:10.68 Craig Stevens, Fox  
 2:11.27 Tom McParlan, Michigan  
 2:11.75 Jeff Strnad, Unat.  
 2:11.83 Hunter Yost, Arizona

**400 Free**  
 4:19.78 Jim McConeca, Ventura  
 4:26.90 Peter Brunson, RMM  
 4:27.03 Jeff Perout, Holmes  
 4:31.59 Larry Wood, Texas  
 4:34.62 Rick Phillips, SoCal  
 4:38.07 Craig Stevens, Fox  
 4:39.26 Jeff Strnad, Unat.  
 4:40.28 Tom McParlan, Michigan  
 4:43.21 Hunter Yost, Arizona

**800 Free**  
 9:16.18 Kevin Potansky, RMM  
 9:23.42 Peter Brunson, RMM  
 9:32.70 Larry Wood, Texas  
 9:45.95 Tom McParlan, Michigan  
 9:53.55 Rick Phillips, SoCal  
 9:57.93 Frank Thompson, Michigan  
 10:01.49 Richard Jordan, Wimbleton  
 10:29.72 Hugh Moore, PWW  
 10:29.79 David Levinson, Rinconada  
 10:37.71 William Tingley, Lakeside

**1500 Free**  
 17:26.29 J. McConeca, Ventura (WR)  
 18:25.26 Jeff Strnad, Unat.  
 20:05.65 Jeffrey Kinner, Lakeside  
 20:49.45 James Ryan, LHY  
 20:50.35 Steven Holloway, Montana  
 25:06.63 Jim Langland, Minn.

**50 Back**  
 29.07 Mel Nash, Texas  
 29.93 Clay Evans, SoCal  
 29.97 Jeff Perout, Holmes  
 30.03 William Tingley, Lakeside  
 30.82 John Kafentzis, IEM  
 31.11 Peter Cruise, SRAP  
 32.22 Steven Nelson, Minn.  
 34.18 Larry Nymn, Minn.  
 35.19 Jim Miller, Virginia  
 42.01 John Fizer, NEM

**100 Back**  
 1:03.58 Mel Nash, Texas  
 1:04.95 Clay Evans, SoCal  
 1:04.95 William Tingley, Lakeside  
 1:08.05 Jeff Perout, Holmes  
 1:09.29 Steven Nelson, Minn.  
 1:12.13 Frank Thompson, Michigan  
 1:14.61 John Kafentzis, IEM  
 1:20.28 Jim Miller, Virginia  
 1:34.20 John Fizer, NEM

**200 Back**  
 2:24.27 Clay Evans, SoCal  
 2:28.11 William Tingley, Lakeside  
 2:28.70 Steven Nelson, Minn.  
 2:33.81 Frank Thompson, Michigan  
 2:45.30 David Levinson, Rinconada  
 3:00.55 Jim Miller, Virginia  
 3:24.70 John Fizer, NEM

**50 Breast**  
 33.50 Peter Cruise, SRAP  
 34.09 Gregory Harrison, PWW  
 34.22 David Samuelson, Conn.  
 35.83 Steven Holloway, Montana  
 35.91 Howard Bunch, Lincoln  
 36.04 John Kafentzis, IEM  
 36.39 George Hosi, Dakota  
 40.09 Tom Ransome, Michigan  
 47.06 Graham Bruce, Manitoba  
 47.48 Nicholas Fazzano, NEM

**100 Breast**  
 1:13.09 Gregory Harrison, PWW  
 1:14.68 Peter Cruise, SRAP  
 1:15.89 David Samuelson, Conn.  
 1:18.20 Steven Holloway, Montana  
 1:19.70 George Hosi, Dakota  
 1:21.50 Howard Bunch, Lincoln

**200 Breast**  
 1:32.36 Tom Ransome, Michigan  
 1:47.17 Graham Bruce, Manitoba  
 1:52.46 Nicholas Fazzano, NEM

**200 IM**  
 2:36.85 Gregory Harrison, PWW  
 2:51.82 Steven Holloway, Montana  
 2:55.92 David Levinson, Rinconada  
 3:01.34 George Hosi, Dakota  
 3:03.71 Howard Bunch, Lincoln  
 4:17.09 Nicholas Fazzano, NEM

**50 Fly**  
 Mel Nash, Texas  
 26.18 Dale Wisley, Montana  
 28.78 Rick Phillips, SoCal  
 29.14 Jeff Strnad, Unat.  
 29.25 Craig Stevens, Fox  
 29.32 David Samuelson, Conn.  
 30.08 Richard Jordan, Wimbleton  
 31.56 John Kafentzis, IEM  
 33.94 James Ryan, LHY  
 34.35 Jim Miller, Virginia

**100 Fly**  
 57.75 Dale Wisley, Montana  
 1:03.72 Michael Heather, SoCal  
 1:04.40 Jeff Strnad, Unat.  
 1:05.54 David Levinson, Rinconada  
 1:05.84 Richard Jordan, Wimbleton  
 1:06.11 George Bowlin, Minn.  
 1:06.47 Hunter Yost, Arizona  
 1:07.19 David Samuelson, Conn.  
 1:07.78 Hugh Moore, PWW  
 1:08.84 Howard Bunch, Lincoln

**200 Fly**  
 2:25.56 Jeff Strnad, Unat.  
 2:25.66 Larry Wood, Texas  
 2:29.14 Kevin Potansky, RMM  
 2:35.45 Michael Heather, SoCal  
 2:35.56 Hugh Moore, PWW  
 2:36.32 David Levinson, Rinconada  
 2:40.50 George Bowlin, Minn.

**400 Fly**  
 2:22.57 Clay Evans, SoCal  
 2:24.50 Larry Wood, Texas  
 2:28.20 Jim McConeca, Ventura  
 2:27.88 Rick Phillips, SoCal  
 2:29.40 Hunter Yost, Arizona  
 2:32.18 Peter Cruise, SRAP  
 2:33.44 Tom McParlan, Michigan

2:34.34 Dale Wisley, Montana  
 2:36.26 Frank Thompson, Michigan

**400 IM**  
 5:08.69 Clay Evans, SoCal  
 5:16.54 Larry Wood, Texas  
 5:20.98 Kevin Potansky, RMM  
 5:26.23 Gregory Harrison, PWW  
 5:26.79 Hunter Yost, Arizona  
 5:36.61 David Levinson, Rinconada  
 5:38.01 William Tingley, Lakeside  
 5:41.96 Peter Cruise, SRAP  
 5:55.58 Steven Holloway, Montana

**40-44**  
**50 Free**  
 26.16 Bill Barthold, Olympic  
 26.49 Thomas Meehan, Wisc.  
 26.51 Homer Lane, NEM  
 26.76 James LaMontagne, MBM  
 26.84 Daniel Rogacki, NEM  
 26.86 Bradford Glenn, Fox  
 27.54 Larry Chase, Niagara  
 27.56 Allan Wachtel, Dakota  
 27.70 Richard Michelangelo, SV  
 28.31 Donald Galtine, San Mateo

**100 Free**  
 57.75 Homer Lane, NEM  
 57.77 Bill Barthold, Olympic  
 58.70 James LaMontagne, MBM  
 58.90 Thomas Meehan, Wisc.  
 1:00.99 Daniel Rogacki, NEM  
 1:02.92 Richard Michelangelo, SV  
 1:03.17 Rod Schraufnagel, Unat.  
 1:03.40 Allan Wachtel, Dakota  
 1:03.62 Gaard Arneson, Michigan  
 1:04.04 Tom Krug, VFM

**200 Free**  
 2:11.20 James LaMontagne, MBM  
 2:12.26 Homer Lane, NEM  
 2:13.77 Keith Bell, Sun Coast  
 2:18.45 Gaard Arneson, Michigan  
 2:18.97 Robert Davidson, Minn.  
 2:23.54 Tom Krug, VFM  
 2:25.04 Richard Michelangelo, SV  
 2:25.29 Gary Brenner, San Mateo  
 2:26.50 Donald Galtine, San Mateo  
 2:41.40 Don Day, San Mateo

**400 Free**  
 4:43.58 Keith Bell, Sun Coast  
 4:46.28 Elan Hitchner, Fox  
 4:47.17 James LaMontagne, MBM  
 4:47.59 Ted Spleker, Olympic  
 4:49.34 Homer Lane, NEM  
 4:50.45 Gaard Arneson, Michigan  
 5:00.41 Robert Davidson, Minn.  
 5:03.91 Tom Krug, VFM  
 5:11.96 Gary Brenner, San Mateo  
 5:17.65 Richard Michelangelo, SV

**800 Free**  
 9:47.17 Ted Spleker, Olympic  
 9:52.64 Elan Hitchner, Fox  
 10:40.48 Robert Davidson, Minn.  
 11:11.12 Richard Michelangelo, SV  
 11:31.86 Stephen Hogan, DGM  
 12:26.50 Edward Lewis, Texas  
 23:45.11 Forest Brooks, PWW

**1500 Free**  
 18:46.55 Keith Bell, Sun Coast  
 19:20.21 Gaard Arneson, Michigan  
 19:49.45 Ian Thompson, PWW  
 20:30.70 Jerold Rope, Adirondack  
 21:28.40 Gary Brenner, San Mateo  
 22:32.19 Dennis McNeely, SoCal  
 23:39.73 Thomas Moyer, NW Ohio  
 24:01.32 Bruce Jacobson, Lincoln

24:02.35 Hugh Gordon, Regina  
**50 Back**  
31.37 Bill Barthold, Olympic  
31.43 Tod Spieker, Olympic  
32.72 Mark Litman, Minn.  
33.39 Thomas Meehan, Wisc.  
33.46 Larry Chase, Niagara  
33.78 Bradford Glenn, Fox.  
34.52 Donald Galine, San Mateo  
35.25 Rod Schraufnagel, Unat.  
35.69 Tom Krug, VFM  
35.90 Charles Nielsen, Suncoast  
**100 Back**  
1:07.44 Bill Barthold, Olympic  
1:08.16 Tod Spieker, Olympic  
1:14.05 Homer Lane, NEM  
1:16.32 Donald Galine, San Mateo  
1:18.53 Tom Krug, VFM  
1:21.07 Rod Schraufnagel, Unat.  
1:21.59 Stephen Hogan, DCM  
1:32.45 Richard Arzdi, Dakota  
3:23.83 Forest Brooks, PNW  
**200 Back**  
2:26.23 Tod Spieker, Olympic  
2:29.61 Bill Barthold, Olympic  
2:41.41 Mark Litman, Minn.  
2:47.68 Tom Krug, VFM  
2:50.75 Donald Galine, San Mateo  
2:55.78 Stephen Hogan, DCM  
3:09.47 Dennis McNulty, SoCal  
3:10.25 Hugh Gordon, Regina  
3:31.06 Richard Arzdi, Dakota  
7:05.66 Forest Brooks, PNW  
**50 Breast**  
34.32 Robert Davidson, Minn.  
35.10 Robin Kleffman, Minn.  
35.29 Wayne Smith, SoCal  
35.68 Daniel Rogacki, NEM  
37.36 Paul Shane, Westside  
37.57 Bruce Jacobson, Lincoln  
38.16 Bill Bird, Phantom  
38.22 James Goodwin, Lakeside  
40.10 Gary Brenner, San Mateo  
43.61 Les Kucera, St. John's  
**100 Breast**  
1:17.61 Ian Thompson, PNW  
1:17.80 Elani Hitchner, Fox.  
1:17.84 Robert Davidson, Minn.  
1:18.09 Wayne Smith, SoCal  
1:19.68 Robin Kleffman, Minn.  
1:20.40 Daniel Rogacki, NEM  
1:22.73 Dennis Wilson, Tulsa  
1:24.14 Bruce Jacobson, Lincoln  
1:24.41 James Goodwin, Lakeside  
1:25.28 Paul Shane, Westside  
**200 Breast**  
2:49.26 Elani Hitchner, Fox.  
Ian Thompson, PNW  
2:51.02 Ian Thompson, PNW  
2:53.59 Dave Gemmill, Arizona  
2:55.01 Daniel Rogacki, NEM  
3:00.83 Wayne Smith, SoCal  
3:04.86 Dennis Wilson, Tulsa  
3:07.59 James Goodwin, Lakeside  
3:11.90 Bruce Jacobson, Lincoln  
3:35.39 Thomas Moyer, NW Ohio  
3:36.66 Les Kucera, St. John's  
**50 Fly**  
28.35 Larry Chase, Niagara  
29.32 Robin Kleffman, Minn.  
29.44 Bill Barthold, Olympic  
29.51 Thomas Meehan, Wisc.  
29.56 Bradford Glenn, Fox.  
29.89 Daniel Rogacki, NEM  
30.78 Alan Washel, Dakota  
31.03 Bill Bird, Phantom  
31.38 Rod Schraufnagel, Unat.  
31.89 Charles Nielsen, Suncoast  
**100 Fly**  
1:05.72 Keith Bell, Sun Coast  
1:06.54 Robin Kleffman, Minn.  
1:07.13 Larry Chase, Niagara  
1:08.47 Dave Gemmill, Arizona  
1:10.99 Jerald Bope, Adirondack  
1:11.33 Bradford Glenn, Fox.  
1:15.15 Don Daj, San Mateo  
1:15.52 Paul Shane, Westside  
1:16.88 Charles Nielsen, Suncoast  
1:19.40 Rod Schraufnagel, Unat.  
**200 Fly**  
2:27.37 Keith Bell, Sun Coast  
2:30.89 James LaMontagne, MBM  
3:19.79 Charles Nielsen, Suncoast  
3:21.37 Robert Rueff, Lakeside  
**200 IM**  
2:28.93 Larry Chase, Niagara  
2:29.45 James LaMontagne, MBM  
2:29.69 Elani Hitchner, Fox.  
2:31.66 Keith Bell, Sun Coast  
2:33.91 Robert Davidson, Minn.  
2:34.42 Homer Lane, NEM  
2:37.77 Dave Gemmill, Arizona  
2:40.06 Ian Thompson, PNW  
2:40.95 Gaard Arneson, Michigan  
2:45.26 Jerald Bope, Adirondack  
**400 IM**  
5:20.12 Elani Hitchner, Fox.  
5:31.40 Tod Spieker, Olympic  
5:37.51 Ian Thompson, PNW  
5:41.97 Dave Gemmill, Arizona  
5:42.43 Larry Chase, Niagara  
5:44.70 Gaard Arneson, Michigan  
6:15.27 Stephen Hogan, DCM  
6:19.82 Robert Rueff, Lakeside  
6:24.92 Wayne Smith, SoCal  
6:30.81 Dennis McNulty, SoCal  
  
45-49  
**50 Free**  
26.61 Knefe Ludwig, Unat.  
26.87 Marty Hull, Ladera Oaks  
27.06 Richard Bauschard, Ohio

27.26 Robert Olson, Ohio  
27.27 Edward Cazalet, Los Altos  
28.07 Richard Alexander, Jersey  
28.13 Will Gosnold, Dakota  
28.32 Richard Bassi, Olympic  
28.44 James Dragon, Jersey  
29.70 Ed Johnson, Gr. Indiana  
**100 Free**  
59.21 Knefe Ludwig, Unat.  
1:00.22 Edward Cazalet, Los Altos  
1:00.99 Richard Bauschard, Ohio  
1:01.59 Richard Burns, Tamalpais  
1:01.75 Will Gosnold, Dakota  
1:02.55 Robert Olson, Ohio  
1:05.40 Hugh Winn, Tamalpais  
1:06.48 James Dragon, Jersey  
1:07.17 Mike Calwell, MVM  
1:08.55 Kevin Kelly, Oregon  
**200 Free**  
2:13.55 Edward Cazalet, Los Altos  
2:18.88 Richard Bauschard, Ohio  
2:20.87 Will Gosnold, Dakota  
2:20.95 Hugh Winn, Tamalpais  
2:27.56 Kevin Kelly, Oregon  
2:28.47 Mike Calwell, MVM  
2:37.25 James Dragon, Jersey  
2:39.80 Bob Weir, EMAC  
2:40.61 Richard Doerr, Tulsa  
2:42.00 George Gaines, Gr. Pensa.  
**400 Free**  
4:47.70 Edward Cazalet, Los Altos  
4:55.49 Hugh Winn, Tamalpais  
5:03.95 Gerry DeLong, Gold Coast  
5:05.36 Kevin Kelly, Oregon  
5:16.92 Mike Calwell, MVM  
5:28.16 Richard Bassi, Olympic  
5:50.56 Richard Monahan, ESMS  
5:53.10 Bob Weir, EMAC  
5:56.53 Rick Trevison, Jersey  
6:24.78 Ben Bump, NEM  
**800 Free**  
9:54.15 Edward Cazalet, Los Altos  
11:25.72 D. Markusic, Michigan  
12:19.64 Mickey Olson, Dakota  
12:20.13 Rick Trevison, Jersey  
12:22.51 George Gaines, Gr. Pensa.  
**1500 Free**  
19:37.26 Hugh Winn, Tamalpais  
20:08.41 Kevin Kelly, Oregon  
20:10.75 Gerry DeLong, Gold Coast  
21:00.99 Mike Calwell, MVM  
22:25.75 Richard Monahan, ESMS  
24:05.65 William Carmody, Unat.  
24:17.27 Ben Bump, NEM  
24:50.61 David Cannon, Lakeside  
24:58.30 Robert Reimers, Bolts  
26:11.24 Thomas Tripp, Buckeye  
**50 Back**  
31.07 Richard Burns, Tamalpais  
32.62 Richard Alexander, Jersey  
33.44 Richard Bassi, Olympic  
36.18 David Diehl, Terrapin  
36.21 Dennis Witzgall, NEM  
38.18 Thomas Tripp, Buckeye  
38.66 Robert Reimers, Bolts  
**100 Back**  
1:09.41 Richard Burns, Tamalpais  
1:09.94 Ed Bartsch, Trojan  
1:12.79 Richard Alexander, Jersey  
1:16.48 Richard Bassi, Olympic  
1:22.53 Dennis Witzgall, NEM  
1:23.25 Mike Laux, Conn.  
1:25.97 Robert Reimers, Bolts  
1:27.48 David Diehl, Terrapin  
1:29.60 Thomas Tripp, Buckeye  
1:31.88 Thom Burgess, Unat.  
**200 Back**  
2:31.90 Ed Bartsch, Trojan  
2:34.25 Richard Burns, Tamalpais  
2:46.93 Richard Alexander, Jersey  
2:52.33 Richard Bassi, Olympic  
3:04.46 Dennis Witzgall, NEM  
3:09.44 Robert Reimers, Bolts  
3:17.65 Richard Monahan, ESMS  
3:24.08 David Diehl, Terrapin  
3:38.14 Michael Higgins, Minn.  
**50 Breast**  
34.32 Marty Hull, Ladera Oaks  
35.59 D. Markusic, Michigan  
36.96 James Pelissier, Minn.  
37.31 James Dragon, Jersey  
38.94 Mickey Olson, Dakota  
39.29 Robert Olson, Ohio  
40.02 George Gaines, Gr. Pensa.  
40.53 Dennis Witzgall, NEM  
40.63 Ed Johnson, Gr. Indiana  
42.18 Art Hale, Unat.  
**100 Breast**  
1:15.58 Marty Hull, Ladera Oaks  
1:19.61 James Pelissier, Minn.  
1:21.33 D. Markusic, Michigan  
1:25.56 Robert Olson, Ohio  
1:25.67 Mickey Olson, Ohio  
1:27.18 Richard Doerr, Tulsa  
1:28.27 George Gaines, Gr. Pensa.  
1:29.52 Mike Laux, Conn.  
1:30.51 Ed Johnson, Gr. Indiana  
1:34.03 Ben Bump, NEM  
**200 Breast**  
2:55.42 James Pelissier, Minn.  
3:00.72 D. Markusic, Michigan  
3:07.77 Mickey Olson, Dakota  
3:12.60 Richard Doerr, Tulsa  
3:15.82 George Gaines, Gr. Pensa.  
3:25.46 Bob Weir, EMAC  
3:27.74 Ben Bump, NEM  
3:32.42 David Cannon, Lakeside  
3:43.54 M. Steinmann, Manitoba  
3:56.11 Joseph McCormick, Dakota  
**50 Fly**  
28.28 Marty Hull, Ladera Oaks

# Long Course Nationals

28.78	Keefe Ludwig, Unat.	29.82	David Harrison, Fox.	26:11.40	David Shrader, Omaha	100 Fly	R. Proebsting, Los Altos	1:33.16	Barney Hungerford, VFM	1:35.94	John Daily, Ohio		
29.85	Dick Pitman, Wisc.	30.17	Pete Magee, Minn.	34.33	Bill Earley, San Diego	50 Back	1:07.92	200 Back	2:56.19	1:37.25	Lou Silverstein, Arizona		
29.85	Richard Bassi, Olympic	30.23	Nestor Miyares, PRM	36.14	Arthur Smith III, DCM	50 Free	1:16.30	200 Free	3:05.41	1:39.66	Wilford Dolphin, IEM		
30.31	Richard Burns, Tamalpais	189 Free		36.55	Robert Norris, Davis	1:01.52	R. Proebsting, Los Altos	3:12.64	Arthur Scott, NEM	200 Back	3:00.00	Paul Hutinger, Lincoln	
30.42	Richard Bauschard, Ohio	1:02.82	Burt Kaner, Cal Tech	44.51	Mike Davis, Adirondack	1:02.82	W. Timken, Jr., Olympic	3:15.72	Ken Kimball, San Diego	3:20.73	1:37.13	Lou Silverstein, Arizona	
31.19	Richard Alexander, Jersey	1:03.59	William Van Horn, Olympic	100 Back		1:21.47	Roger Hothaus, RMM	3:25.64	James Taylor, Holmes	3:32.31	John Daily, Ohio		
31.41	Robert Olson, Ohio	1:04.03	Charles Raven, Olympic	1:17.51	Robert Norris, Davis	200 Fly	2:40.97	3:33.88	Arthur Friedland, St. Pete	50 Breast	37.87	J. Kurtzman, Charleston	
32.91	Ed Johnson, Gr. Indiana	1:04.11	William Robertson, Meck.	1:19.11	Bill Earley, San Diego	3:00.20	Mel Goldstein, Gr. Indiana	3:34.85	Brian Head, Adirondack	39.99	Ted Haartz, NEM		
32.91	Will Goswold, Dakota	1:05.52	David Harrison, Fox.	1:20.05	Arthur Smith III, DCM	3:09.22	W. Timken, Jr., Olympic	3:40.37	Gene Donner, Niagara	42.99	William Austin, Boca Raton		
1:05.40	Dick Pitman, Wisc.	1:07.04	Doug Brown, VFM	1:25.68	Pete Magee, Minn.	3:10.02	Arthur Smith III, DCM	34.71	Manuel Sanguly, Conn.	43.99	James Forbes, ESMS		
1:07.06	Gerry Delong, Gold Coast	1:07.71	Pete Magee, Minn.	1:49.89	Garry Harm, IEM	3:29.63	Roger Hothaus, RMM	37.51	Bob Patten, RMM	52.74	Donald Nellis, San Diego		
1:11.06	Mike Lutz, Conn.	1:09.42	Bill Earley, San Diego	1:43.93	Mike Davis, Adirondack	4:08.16	R. Bellem, Adirondack	40.50	Tak Iseri, Sacramento	100 Breast	1:28.04	J. Kurtzman, Charleston	
1:18.51	Ed Johnson, Gr. Indiana	1:10.20	Roger Bosveld, Minn.	200 Back		4:23.79	Garry Harm, IEM	41.41	Philip Gay, Olympic	1:28.95	Ted Haartz, NEM		
1:44.07	David Cannon, Lakeside	289 Free		2:51.87	Robert Norris, Davis	200 IM		41.41	Daniel Gruender, Arizona	1:37.53	William Austin, Boca Raton		
2:00 Fly		2:18.34	R. Proebsting, Los Altos	2:54.60	Arthur Smith III, DCM	200 IM		44.23	Bill Warner, Minn.	1:43.31	James Forbes, ESMS		
2:43.60	Gerry Delong, Gold Coast	2:29.39	Burt Kaner, Cal Tech	2:59.49	Roger Bosveld, Minn.	200 IM		47.34	Patrick Quinn, Adirondack	2:06.95	Donald Nellis, San Diego		
2:47.21	Dick Pitman, Wisc.	2:23.28	David Harrison, Fox.	3:01.43	William Van Horn, Olympic	50 Breast		1:19.04	Manuel Sanguly, Conn.	3:19.62	Ted Haartz, NEM		
2:50.20	Mike Lutz, Conn.	2:24.34	William Van Horn, Olympic	3:01.43	Bill Earley, San Diego	2:55.19	William Robertson, Meck.	1:21.54	Bob Patten, RMM	3:38.21	William Austin, Boca Raton		
2:55.27	Richard Burns, Tamalpais	2:25.62	William Robertson, Meck.	3:03.65	Garry Harm, IEM	2:58.10	W. Timken, Jr., Olympic	1:30.64	Tak Iseri, Sacramento	3:45.06	John Daily, Ohio		
3:25.96	Richard Doerr, Tulsa	2:29.12	Charles Raven, Olympic	3:09.22	Nestor Miyares, PRM	2:58.45	Pete Magee, Minn.	1:30.64	Tak Iseri, Sacramento	3:56.01	James Forbes, ESMS		
3:26.84	Bob Weir, EMAC	2:33.04	Roger Bosveld, Minn.	39.28	Landon Kirchner, MVM	3:03.73	Robert Norris, Davis	1:32.19	Thomas Taylor, PNW	4:07.24	Wilford Dolphin, IEM		
3:43.55	David Cannon, Lakeside	2:33.80	Pete Magee, Minn.	39.28	Landon Kirchner, MVM	3:14.81	Bill Earley, San Diego	1:33.43	Leonard Silverstein, ESMS	5:17.08	Donald Nellis, San Diego		
4:09.11	Art Hale, Unat.	2:44.15	Douglas Duwe, Longhorn	39.55	R. Bellem, Adirondack	3:20.94	Frank Newquist, PNW	1:36.48	Daniel Gruender, Arizona	50 Fly	34.58	Perry Rockwell, Wisc.	
2:47.00	200 IM	2:47.00	Robert Haig, NEM	42.67	Douglas Duwe, Longhorn	3:25.23	Garry Harm, IEM	1:39.54	Bill Warner, Minn.	30.50	34.75	Paul Hutinger, Lincoln	
2:33.08	Marty Hull, Ladera Oaks	4:53.50	Drury Gallagher, ESMS	43.50	Richard Johnson, Iowa	5:41.58	Drury Gallagher, ESMS	1:40.31	James Taylor, Holmes	289 Breast	36.30	Ted Haartz, NEM	
2:39.19	Gerry Delong, Gold Coast	5:00.06	Burt Kaner, Cal Tech	44.37	Peter Riddle, San Diego	6:19.76	Mel Goldstein, Gr. Indiana	1:41.64	Brian Head, Adirondack	200 Back	41.78	William Austin, Boca Raton	
2:39.91	James Pellissier, Minn.	5:08.78	David Harrison, Fox.	100 Breast		6:27.55	Arthur Smith III, DCM	1:48.18	Patrick Quinn, Adirondack	100 Fly	45.21	Jordan Wolfe, Arizona	
2:40.92	Richard Bauschard, Ohio	5:20.04	William Robertson, Meck.	1:18.67	Drury Gallagher, ESMS	6:30.48	William Van Horn, Olympic	1:50.17	Manuel Sanguly, Conn.	200 Free	1:06.70	Fred Stock, Manitoba	
2:43.13	Hugh Winn, Tamalpais	5:21.47	Roger Bosveld, Minn.	1:27.19	Nestor Miyares, PRM	6:37.59	Robert Norris, Davis	3:05.72	Tak Iseri, Sacramento	100 Fly	1:25.05	J. Kurtzman, Charleston	
2:43.89	Mike Lutz, Conn.	5:23.96	Charles Raven, Olympic	1:28.57	Milton Gee, Meck.	7:04.59	Roger Hothaus, RMM	3:24.80	Leonard Silverstein, ESMS	1:33.40	Perry Rockwell, Wisc.		
2:45.43	Robert Olson, Ohio	5:29.16	William Van Horn, Olympic	1:28.58	Landon Kirchner, MVM	7:04.85	Frank Newquist, PNW	3:35.19	Thomas Taylor, PNW	1:52.71	Lou Silverstein, Arizona		
2:49.24	D. Markusie, Michigan	5:29.84	Doug Brown, VFM	1:36.35	Peter Riddle, San Diego	7:51.57	R. Bellem, Adirondack	3:42.84	Brian Head, Adirondack	200 Fly	3:10.35	J. Kurtzman, Charleston	
2:50.07	James Dragon, Jersey	5:37.45	Robert Morris, Davis	1:38.24	Richard Johnson, Iowa	8:02.92	Garry Harm, IEM	3:46.76	Bill Warner, Minn.	200 Fly	3:32.39	Ted Haartz, NEM	
2:53.16	Dick Pitman, Wisc.	5:39.05	Pete Magee, Minn.	200 Breast		55-59		4:06.80	Patrick Quinn, Adirondack	289 Breast	3:53.69	Eric Youngquist, Gr. Nash.	
4:00 IM		889 Free		2:53.81	Drury Gallagher, ESMS	50 Free	28.66	50 Fly	34.25	289 IM	3:09.15	Paul Hutinger, Lincoln	
5:36.54	Edward Cazafel, Los Altos	10:13.47	Drury Gallagher, ESMS	3:20.67	Landon Kirchner, MVM	28.66	Philip Gay, Olympic	30.57	Bob Patten, RMM	289 IM	3:14.86	Ted Haartz, NEM	
5:52.78	Richard Bauschard, Ohio	10:28.47	Burt Kaner, Cal Tech	3:27.93	R. Bellem, Adirondack	31.12	Donald Read, NEM	36.47	Arthur Welch, Oregon	289 IM	3:27.82	John Daily, Ohio	
6:04.19	Dick Pitman, Wisc.	10:43.30	David Harrison, Fox.	3:37.12	Richard Johnson, Iowa	31.12	Peter Buckley, Dakota	37.39	John Good, San Diego	289 IM	3:09.15	Paul Hutinger, Lincoln	
6:25.43	Richard Doerr, Tulsa	11:07.40	Mel Goldstein, Gr. Indiana	3:37.83	Peter Riddle, San Diego	31.91	Ken Kimball, San Diego	37.89	Perry O'Brien, Dakota	289 IM	3:14.86	Ted Haartz, NEM	
6:51.43	Robert Reimers, Balts	11:32.43	William Robertson, Meck.	4:00.02	David Shrader, Omaha	32.15	Gerald Markoff, Jersey	39.50	Harold Ferris, St. Pete	289 IM	3:27.82	John Daily, Ohio	
7:11.23	David Cannon, Lakeside	11:32.43	Doug Brown, VFM	4:00.02	David Shrader, Omaha	32.68	Elmer Eggenkraut, Michigan	39.65	James Taylor, Holmes	289 IM	3:51.59	Eric Youngquist, Gr. Nash.	
7:20.69	James Dragon, Jersey	12:09.70	Landon Kirchner, MVM	29.01	R. Proebsting, Los Altos	33.68	Elmer Eggenkraut, Michigan	43.73	Harold Ferris, St. Pete	289 IM	7:41.00	Lou Silverstein, Arizona	
		13:02.05	Albert Morley, Michigan	29.01	R. Proebsting, Los Altos	33.67	Arthur Friedland, St. Pete	100 Fly	1:19.46	Manuel Sanguly, Conn.	7:55.58	John Daily, Ohio	
		13:45.46	K. MacDonaid, Manitoba	32.57	Charles Raven, Olympic	34.24	Perry O'Brien, Dakota	1:24.18	Arthur Welch, Oregon	50 Free	65-69		
		1500 Free		33.30	Arthur Smith III, DCM	36.28	Gene Donner, Niagara	1:32.67	John Good, San Diego	31.37	John Florance, Buckeye		
		20:47.19	William Van Horn, Olympic	33.39	Roger Hothaus, RMM	100 Free		1:35.06	Elmer Eggenkraut, Michigan	31.61	Rogers Holmes, Holmes		
		20:56.87	Roger Bosveld, Minn.	33.43	Mel Goldstein, Gr. Indiana	1:06.88	Philip Gay, Olympic	1:40.58	Charles Maas, Michigan	31.85	Raymond Hakomaki, Minn.		
		21:30.58	Charles Raven, Olympic	33.64	Nestor Miyares, PRM	1:11.86	Donald Read, NEM	200 Fly	3:06.69	32.38	Jack Truby, RMM		
		22:00.86	W. Timken, Jr., Olympic	35.59	Douglas Duwe, Longhorn	1:12.85	Arthur Scott, NEM	3:06.69	Manuel Sanguly, Conn.	33.13	D. Schwab, Jr., Tamalpais		
		23:52.33	Robert Haig, NEM	36.56	Frank Newquist, PNW	1:13.93	Charles Maas, Michigan	3:16.05	Arthur Welch, Oregon	33.28	Hugh Richards, Oregon		
		23:54.30	Frank Newquist, PNW	38.71	Milton Gee, Meck.	1:16.15	Elmer Eggenkraut, Michigan	3:19.42	Leonard Silverstein, ESMS	35.34	Richard Olus, Lincoln		
		24:17.74	Roger Hothaus, RMM	44.15	Peter Riddle, San Diego	1:16.51	Parry O'Brien, Dakota	3:43.45	John Good, San Diego	35.51	Scroggie Wiley, DCM		
						1:19.28	Arthur Friedland, St. Pete	3:58.99	Bill Warner, Minn.	37.96	William Keller, Arkansas		
						1:20.20	Harold Ferris, St. Pete	400 IM		100 Free	1:12.25	John Florance, Buckeye	
						2:37.25	Peter Buckley, Dakota	1:19.46	Manuel Sanguly, Conn.	1:17.82	Fred Talbot, San Mateo		
						2:39.94	Arthur Welch, Oregon	1:24.18	Arthur Welch, Oregon	1:18.21	Raymond Hakomaki, Minn.		
						2:45.28	Charles Maas, Michigan	1:32.67	John Good, San Diego	1:19.50	D. Schwab, Jr., Tamalpais		
						2:49.64	Gerald Markoff, Jersey	1:35.06	Elmer Eggenkraut, Michigan	1:19.79	Jack Truby, RMM		
						2:49.96	Elmer Eggenkraut, Michigan	1:39.52	Bill Warner, Minn.	1:20.27	Hugh Richards, Oregon		
						2:50.12	Barney Hungerford, VFM	200 IM		1:23.65	George Henry, Iowa		
						2:53.81	Gordon Gillin, San Diego	2:56.44	Larry Good, Lincoln	1:23.65	James Edwards, NEM		
						2:56.22	Donald Read, NEM	3:00.11	Manuel Sanguly, Conn.	1:24.40	Richard Olus, Lincoln		
						3:03.88	Arthur Friedland, St. Pete	3:12.20	Gordon Gillin, San Diego	1:28.52	Scroggie Wiley, DCM		
						400 IM		3:15.41	Leonard Silverstein, ESMS	200 Free	2:53.96	Fred Talbot, San Mateo	
						5:31.41	Peter Buckley, Dakota	3:19.23	Thomas Taylor, PNW	2:59.94	John Florance, Buckeye		
						5:40.07	Arthur Welch, Oregon	3:29.91	L. Skramstad, San Diego	3:00.50	Bob Merrick, SoCal		
						5:40.26	Larry Good, Lincoln	3:30.42	James Taylor, Holmes	3:06.59	James Edwards, NEM		
						5:42.14	Arthur Scott, NEM	3:54.80	Harold Ferris, St. Pete	3:19.57	George Henry, Iowa		
						6:02.71	Barney Hungerford, VFM	400 IM		3:23.07	D. Schwab, Jr., Tamalpais		
						6:05.76	Ken Kimball, San Diego	400 Free		3:23.65	William Keller, Arkansas		
						6:14.32	Elmer Eggenkraut, Michigan	400 Free		3:44.88	Frank Coghlan, Olympic		
						6:21.10	Gerald Markoff, Jersey	1:44.24	Donald Nellis, San Diego	400 Free	8:09.17	Fred Talbot, San Mateo	
						11:31.75	Larry Good, Lincoln	200 Free		6:41.86	Peter Lee, Cal Tech		
						11:49.05	Arthur Welch, Oregon	2:41.74	Eric Youngquist, Gr. Nash.	7:28.26	George Henry, Iowa		
						12:35.59	Ken Kimball, San Diego	2:47.41	Eric Youngquist, Gr. Nash.	7:48.23	Frank Coghlan, Olympic		
						13:28.24	Parry O'Brien, Dakota	2:57.41	Robert Blake, St. Louis	7:59.86	John Cranch, Niagara		
						14:30.58	Harold Ferris, St. Pete	2:59.22	Robert Blake, St. Louis	800 Free	13:46.17	James Edwards, NEM	
						15:00.07	Brian Head, Adirondack	2:59.72	Perry Rockwell, Wisc.	14:32.00	Rogers Holmes, Holmes		
						15:06.86	Patrick Quinn, Adirondack	3:47.49	Wilford Dolphin, IEM	15:22.36	Richard Olus, Lincoln		
						15:41.30	Pat Schleicher, Mandan	3:54.95	Fred Stock, Manitoba	15:30.15	D. Schwab, Jr., Tamalpais		
						1500 Free		4:00 Free		18:10.51	Ernest Kasserer, WGM		
						22:23.24	Peter Buckley, Dakota	400 Free		1500 Free	23:54.05	Fred Talbot, San Mateo	
						22:48.12	Arthur Scott, NEM	5:45.91	Eric Youngquist, Gr. Nash.	26:18.42	Peter Lee, Cal Tech		
						22:47.06	Thomas Taylor, VFM	6:19.73	Jordan White, Arizona	27:03.33	Bob Merrick, SoCal		
						23:28.05	Barney Hungerford, VFM	6:30.00	John Daily, Ohio	29:21.57	Frank Coghlan, Olympic		
						23:39.21	Leonard Silverstein, ESMS	6:38.31	Lou Silverstein, Arizona	31:44.50	John Cranch, Niagara		
						23:54.42	Charles Maas, Michigan	6:53.22	Robert Blake, St. Louis	38:40.60	Joseph Medlon, Oregon		
						24:33.11	Elmer Eggenkraut, Michigan	7:46.26	Wilford Dolphin, IEM	41:06.67	Theodore Johnson, NEM		
						27:34.86	Daniel Gruender, Arizona	7:59.27	Fred Stock, Manitoba	44:15.74	Lutz Vale, St. Pete		
						50 Back		8:11.08	Donald Nellis, San Diego	50 Back	35.47**	George Gansdy, Lincoln	
						35.51	John Good, San Diego	800 Free		36.51	Rogers Holmes, Holmes		
						37.24	Donald Read, NEM						

# Long Course Nationals

1:40.94 James Edwards, NEM	8:24.78 Harry Class, Waterloo	2:05.44 George Pollock, Minn.	80-84	6:06.64 Harry Hotline, Virginia	100 Breast
1:41.43 George Brinton, SoCal	8:33.47 Edwin Mortimer, ESMS	2:34.37 Albert Gilsdorf, Lakeside	50 Free	400 Free	2:12.62 Jim Penfield, PNW
1:45.00 John Cranch, Niagara	800 Free	4:22.37 Dexter Woodford, Ohio	39.37 David McAfee, DCM	7:55.07 David McAfee, DCM	50 Fly
1:51.19 Scroggie Wiley, DCM	13:37.54 Edward Shea, Lincoln	4:54.61 George Pollock, Minn.	40.74 Jim Penfield, PNW	9:45.67 John Newton, Lincoln	50 IM
2:07.30 Ernest Kassner, WCM	13:41.37 Bill Odman, IEM	4:55.02 Jerry Donovan, Lincoln	44.94 Frank Schneider, Minn.	808 Free	200 IM
2:28.29 Luis Valle, St. Pete	18:45.08 John Keefe, Jr., ESMS	5:48.15 Albert Gilsdorf, Lakeside	45.32 Lee Starr, Arizona	16:26.24 David McAfee, DCM	4:47.64 Jim Penfield, PNW
2:38.70 Theodore Johnson, NBM	1500 Free	50 Fly	49.34 John Newton, Lincoln	21:08.01 John Newton, Lincoln	85-89
3:08.43 Irving Katz, NEM	26:26.70 Richard Guido, ESMS	50 Fly	51.49 Don Neefe, Unat.	27:28.09 Harry Hotline, Virginia	100 Free
3:17.94 George Gandsey, Lincoln	26:37.09 Frank Murphy, DCM	47.73 William Grant, St. Louis	1:21.40 Harry Hotline, Virginia	53.59 Lee Starr, Arizona	1:50.19 Gus Langner, Conn.
3:39.08 James Edwards, NEM	31:18.75 Henry Shostchuk, MAM	58.47 Bert Kassell, DCM	100 Free	54.56 Jim Penfield, PNW	200 Free
3:41.16 Jack Truby, MAM	24:36.09 Edwin Mortimer, ESMS	1:11.95 Albert Gilsdorf, Lakeside	1:31.76 David McAfee, DCM	1:12.03 Don Neefe, Unat.	4:07.14 Gus Langner, Conn.
3:49.93 John Cranch, Niagara	50 Back	2:10.43 William Grant, St. Louis	1:48.24 Frank Schneider, Minn.	2:05.81 Lee Starr, Arizona	400 Free
3:52.33 George Brinton, SoCal	37:49** Ray Taft, San Mateo	4:30.74 William Grant, St. Louis	1:54.28 John Newton, Lincoln	2:27.96 Don Neefe, Unat.	8:13.77 Gus Langner, Conn.
4:35.48 Ernest Kassner, WCM	40.71 Albert Vandeweghe, Tulsa	4:36.82 Jerry Donovan, Lincoln	2:04.04 Don Neefe, Unat.	200 Back	1500 Free
5:18.45 Luis Valle, St. Pete	42.23 Edward Johnson, Minn.	5:07.59 Hamilton Anderson, LSM	2:54.09 Harry Hotline, Virginia	4:42.45 Lee Starr, Arizona	33:08.42 Gus Langner, Conn.
6:01.30 Theodore Johnson, NBM	45.02 Norris Fluke, Maryland	400 IM	3:35.67 David McAfee, DCM	5:26.23 Don Neefe, Unat.	50 Back
50 Breast	50.98 John Keefe, Jr., ESMS	9:44.40 Jerry Donovan, Lincoln	4:32.73 Frank Schneider, Minn.	80 Breast	1:10.96 Gus Langner, Conn.
40.62 Barton Greenberg, Omaha	52.65 Albert Fisher, Jr., Unat.	11:01.12 Hamilton Anderson, LSM	4:37.80 Don Neefe, Unat.	100 Back	2:39.92 Gus Langner, Conn.
44.97 Norman Garsoe, MAM	53.84 Henry Shostchuk, MAM		4:38.10 John Newton, Lincoln		
45.75 Hugh Richards, Oregon	100 Back				
46.00 John Florence, Buckeye	1:25.35** Ray Taft, San Mateo				
47.45 Bill Uhrich, St. Pete	1:35.15 Albert Vandeweghe, Tulsa				
47.45 Raymond Hakomaki, Minn.	1:40.60 Norris Fluke, Maryland				
51.42 Richard Olufs, Lincoln	1:41.25 Edward Johnson, Minn.				
55.73 Scroggie Wiley, DCM	1:52.52 John Keefe, Jr., ESMS				
56.92 Bob Morse, Lincoln	1:54.78 Albert Fisher, Jr., Unat.				
100 Breast	200 Back				
1:35.68 Barton Greenberg, Omaha	3:13.25** Ray Taft, San Mateo				
1:38.98 William Simpson, MVM	3:26.45 Albert Vandeweghe, Tulsa				
1:40.31 Bob Merrick, SoCal	3:37.25 Norris Fluke, Maryland				
1:40.38 Norman Garsoe, MAM	3:55.66 Richard Guido, ESMS				
1:44.21 Raymond Hakomaki, Minn.	4:10.22 John Keefe, Jr., ESMS				
1:51.77 Richard Olufs, Lincoln	4:24.42 Albert Fisher, Jr., Unat.				
1:52.07 Bill Uhrich, St. Pete	50 Breast				
1:55.71 Paul Crago, Ohio	42.94 Paul Krup, Ohio				
2:15.63 Scroggie Wiley, DCM	46.22 Don McCullough, Dakota				
200 Breast	100 Breast				
3:29.06 Barton Greenberg, Omaha	1:40.32 Paul Krup, Ohio				
3:42.06 Norman Garsoe, MAM	1:44.12 Don McCullough, Dakota				
3:43.80 William Simpson, MVM	200 Breast				
3:45.74 Bob Merrick, SoCal	3:46.96 Paul Krup, Ohio				
3:54.57 Raymond Hakomaki, Minn.	3:47.92 Don McCullough, Dakota				
4:11.97 Peter Lee, Cal Tech	50 Fly				
4:22.26 Paul Crago, Ohio	41.50 Paul Krup, Ohio				
4:30.67 Bill Uhrich, St. Pete	43.74 Albert Vandeweghe, Tulsa				
7:01.41 Luis Valle, St. Pete	100 Fly				
50 Fly	1:38.49 Paul Krup, Ohio				
38.13 Hugh Richards, Oregon	1:56.20 Don McCullough, Dakota				
38.16 Rogers Holmes, Holmes	200 Fly				
42.77 Bill Uhrich, St. Pete	3:56.21 Paul Krup, Ohio				
43.63 Paul Crago, Ohio	4:11.03 Don McCullough, Dakota				
47.27 Richard Olufs, Lincoln	4:20.29 Dick Guido, ESMS				
48.15 Norman Garsoe, MAM	200 IM				
54.77 Ernest Kassner, WCM	3:11.42 Ray Taft, San Mateo				
100 Fly	3:34.76 Albert Vandeweghe, Tulsa				
1:25.56** Irving Katz, NEM	3:47.51 Norris Fluke, Maryland				
1:42.59 Bob Merrick, SoCal	3:57.42 Frank Murphy, DCM				
1:46.76 Paul Crago, Ohio	400 IM				
2:18.25 Bob Morse, Lincoln	6:59.24 Ray Taft, San Mateo				
2:20.48 Ernest Kassner, WCM	7:54.64 Don McCullough, Dakota				
3:50.21 Theodore Johnson, NBM	8:03.62 Norris Fluke, Maryland				
200 Fly	8:33.41 Dick Guido, ESMS				
3:39.93 Irving Katz, NEM	75-79				
4:20.53 Paul Crago, Ohio	50 Free				
6:16.14 Jay Beeler, IEM	36.25 Dexter Woodford, Ohio				
8:17.29 Theodore Johnson, NBM	36.62 Bert Kassell, DCM				
200 IM	37.14 William Grant, St. Louis				
3:07.09 Irving Katz, NEM	43.33 Cam Weir, Nanaimo				
3:42.68 Hugh Richards, Oregon	43.50 D. Malbrough, Gr. Indiana				
3:51.69 Peter Lee, Cal Tech	51.39 Larry Hart, LSM				
3:52.10 Bill Uhrich, St. Pete	100 Free				
3:58.03 Norman Garsoe, MAM	1:21.81 Dexter Woodford, Ohio				
4:39.27 John Cranch, Niagara	1:27.96 Wesley Webb, Iowa				
5:04.36 Bob Morse, Lincoln	1:29.85 Bert Kassell, DCM				
7:11.13 Luis Valle, St. Pete	1:46.97 Cam Weir, Nanaimo				
400 IM	2:03.09 Larry Hart, LSM				
6:57.57 Irving Katz, NEM	200 Free				
7:47.98 Bob Merrick, SoCal	3:10.11 Dexter Woodford, Ohio				
8:16.07 Peter Lee, Cal Tech	3:30.00 Wesley Webb, Iowa				
8:48.84 Paul Crago, Ohio	3:49.85 Hamilton Anderson, LSM				
10:37.63 Jay Beeler, IEM	4:21.20 Cam Weir, Nanaimo				
12:42.05 Theodore Johnson, NBM	4:45.60 Larry Hart, LSM				
15:58.62 Luis Valle, St. Pete	400 Free				
70-74	6:39.46 Dexter Woodford, Ohio				
50 Free	7:58.46 Hamilton Anderson, LSM				
33.94 Albert Vandeweghe, Tulsa	8:16.77 D. Malbrough, Gr. Indiana				
34.88 Edward Johnson, Minn.	9:23.09 Cam Weir, Nanaimo				
35.32 Bill Odman, IEM	10:07.92 Larry Hart, LSM				
36.32 Harry Class, Waterloo	800 Free				
37.14 Henry Shostchuk, MAM	3:10.11 Dexter Woodford, Ohio				
40.78 John Keefe, Jr., ESMS	3:30.00 Wesley Webb, Iowa				
40.86 Lloyd Kolb, Unat.	3:49.85 Hamilton Anderson, LSM				
46.47 Albert Fisher, Jr., Unat.	4:21.20 Cam Weir, Nanaimo				
100 Free	4:45.60 Larry Hart, LSM				
1:18.74 Bill Odman, IEM	400 Free				
1:24.26 Frank Murphy, DCM	6:39.46 Dexter Woodford, Ohio				
1:27.50 Harry Class, Waterloo	7:58.46 Hamilton Anderson, LSM				
1:30.11 Henry Shostchuk, MAM	8:16.77 D. Malbrough, Gr. Indiana				
1:30.46 Edward Johnson, Minn.	9:23.09 Cam Weir, Nanaimo				
1:43.36 Lloyd Kolb, Unat.	10:07.92 Larry Hart, LSM				
1:43.85 John Keefe, Jr., ESMS	800 Free				
1:45.28 Edwin Mortimer, ESMS	3:10.11 Dexter Woodford, Ohio				
1:54.50 William Prest, Unat.	3:30.00 Wesley Webb, Iowa				
200 Free	3:49.85 Hamilton Anderson, LSM				
2:57.37 Bill Odman, IEM	4:21.20 Cam Weir, Nanaimo				
3:06.56 Edward Shea, Lincoln	4:45.60 Larry Hart, LSM				
3:08.10 Richard Guido, ESMS	400 Free				
3:12.32 Frank Murphy, DCM	6:39.46 Dexter Woodford, Ohio				
3:31.11 Henry Shostchuk, MAM	7:58.46 Hamilton Anderson, LSM				
3:40.93 Harry Class, Waterloo	8:16.77 D. Malbrough, Gr. Indiana				
4:00.10 Edwin Mortimer, ESMS	9:23.09 Cam Weir, Nanaimo				
400 Free	10:07.92 Larry Hart, LSM				
6:04.62 Ray Taft, San Mateo	800 Free				
6:37.33 Bill Odman, IEM	3:10.11 Dexter Woodford, Ohio				
6:37.47 Edward Shea, Lincoln	3:30.00 Wesley Webb, Iowa				
6:39.79 Norris Fluke, Maryland	3:49.85 Hamilton Anderson, LSM				
6:41.82 Frank Murphy, DCM	4:21.20 Cam Weir, Nanaimo				
6:42.44 Richard Guido, ESMS	4:45.60 Larry Hart, LSM				
7:48.21 Henry Shostchuk, MAM	400 Free				
	6:39.46 Dexter Woodford, Ohio				
	7:58.46 Hamilton Anderson, LSM				
	8:16.77 D. Malbrough, Gr. Indiana				
	9:23.09 Cam Weir, Nanaimo				
	10:07.92 Larry Hart, LSM				
	800 Free				
	3:10.11 Dexter Woodford, Ohio				
	3:30.00 Wesley Webb, Iowa				
	3:49.85 Hamilton Anderson, LSM				
	4:21.20 Cam Weir, Nanaimo				
	4:45.60 Larry Hart, LSM				
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