

LONG COURSE METERS—MEN

as of July 14, 2008

50 FREESTYLE

World:	21.28*	Eamon Sullivan, AUS	Sydney, AUS	03-28-08
American:	21.59p	Cullen Jones, SwimMAC	Omaha, NE	07-04-08
U.S. Open:	21.59p	Cullen Jones, SwimMAC	Omaha, NE	07-04-08

100 FREESTYLE

World:	47.50	Alain Bernard, FRA	Eindhoven, NED	03-22-08
American:	47.58sf	Jason Lezak, Rose Bowl Aquatics	Omaha, NE	07-02-08
U.S. Open:	47.58sf	Jason Lezak, Rose Bowl Aquatics	Omaha, NE	07-02-08

200 FREESTYLE

World:	1:43.86	Michael Phelps, USA	Melbourne, AUS	03-27-07
American:	1:43.86	Michael Phelps, USA	Melbourne, AUS	03-27-07
U.S. Open:	1:44.10	Michael Phelps, Club Wolverine	Omaha, NE	07-01-08

400 FREESTYLE

World:	3:40.08	Ian Thorpe, AUS	Manchester, GBR	07-30-02
American:	3:43.53	Larsen Jensen, Trojan	Omaha, NE	06-29-08
U.S. Open:	3:43.53	Larsen Jensen, Trojan	Omaha, NE	06-29-08

800 FREESTYLE

World:	7:38.65	Grant Hackett, AUS	Montreal, CAN	07-27-05
American:	7:45.63	Larsen Jensen, USA	Montreal, CAN	07-27-05
U.S. Open:	7:49.02*	Ous Mellouli, Trojan	Los Angeles, Calif.	06-06-08

1500 FREESTYLE

World:	14:34.56	Grant Hackett, AUS	Fukuoka, JPN	07-29-01
American:	14:45.29	Larsen Jensen, USA	Athens, GRE	08-21-04
U.S. Open:	14:45.54	Peter Vanderkaay, Club Wolverine	Omaha, NE	07-06-08

50 BACKSTROKE

World:	24.47	Liam Tancock, GBR	Sheffield, GBR	04-02-08
American:	24.71	Ben Hesen, IU Club Paradise	Omaha, NE	07-04-08
U.S. Open:	24.71	Ben Hesen, IU Club Paradise	Omaha, NE	07-04-08

100 BACKSTROKE

World:	52.89*	Aaron Peirsol, Longhorn	Omaha, NE	07-01-08
American:	52.89	Aaron Peirsol, Longhorn	Omaha, NE	07-01-08
U.S. Open:	52.89	Aaron Peirsol, Longhorn	Omaha, NE	07-01-08

200 BACKSTROKE

World:	1:54.32	Ryan Lochte, USA	Melbourne, AUS	03-30-07
	1:54.32*	Aaron Peirsol, Longhorn	Omaha, NE	07-04-08
American:	1:54.32	Ryan Lochte, USA	Melbourne, AUS	03-30-07
	1:54.32	Aaron Peirsol, Longhorn	Omaha, NE	07-04-08
U.S. Open:	1:54.32	Aaron Peirsol, Longhorn	Omaha, NE	07-04-08

50 BREASTSTROKE

World:	27.18	Oleg Lisogor, UKR	Berlin, GER	08-02-02
American:	27.39	Ed Moses, Curl-Burke	Austin, Texas	03-31-01
U.S. Open:	27.39	Ed Moses, Curl-Burke	Austin, Texas	03-31-01

*: record pending
r: relay lead off split

p: time swum during prelims
sf: time swum during semi-finals

100 BREASTSTROKE

World:	59.13	Brendan Hansen, Longhorn	Irvine, Calif.	08-01-06
American:	59.13	Brendan Hansen, Longhorn	Irvine, Calif.	08-01-06
U.S. Open:	59.13	Brendan Hansen, Longhorn	Irvine, Calif.	08-01-06

200 BREASTSTROKE

World:	2:07.51	Kosuke Kitajima, JPN	Tokyo, JPN	06-08-08
American:	2:08.50	Brendan Hansen, USA	Victoria, CAN	08-20-06
U.S. Open:	2:08.74	Brendan Hansen, Longhorn	Irvine, Calif.	08-15-06

50 BUTTERFLY

World:	22.96	Roland Schoeman, RSA	Montreal, CAN	07-25-05
American:	23.12	Ian Crocker, USA	Montreal, CAN	07-25-05
U.S. Open:	23.30	Ian Crocker, Longhorn	Austin, Texas	02-29-04

100 BUTTERFLY

World:	50.40	Ian Crocker, USA	Montreal, CAN	07-30-05
American:	50.40	Ian Crocker, USA	Montreal, CAN	07-30-05
U.S. Open:	50.76	Ian Crocker, Longhorn	Long Beach, Calif.	07-13-04

200 BUTTERFLY

World:	1:52.09	Michael Phelps, USA	Melbourne, AUS	03-28-07
American:	1:52.09	Michael Phelps, USA	Melbourne, AUS	03-28-07
U.S. Open:	1:52.20	Michael Phelps, Club Wolverine	Omaha, NE	07-02-08

200 INDIVIDUAL MEDLEY

World:	1:54.80*	Michael Phelps, Club Wolverine	Omaha, NE	07-04-08
American:	1:54.80	Michael Phelps, Club Wolverine	Omaha, NE	07-04-08
U.S. Open:	1:54.80	Michael Phelps, Club Wolverine	Omaha, NE	07-04-08

400 INDIVIDUAL MEDLEY

World:	4:05.25*	Michael Phelps, Club Wolverine	Omaha, NE	06-29-08
American:	4:05.25	Michael Phelps, Club Wolverine	Omaha, NE	06-29-08
U.S. Open:	4:05.25	Michael Phelps, Club Wolverine	Omaha, NE	06-29-08

400 FREESTYLE RELAY

World:	3:12.46	USA	Victoria, CAN	08-18-06
		<i>(Michael Phelps, Neil Walker, Cullen Jones, Jason Lezak)</i>		
American:	3:12.46	USA	Victoria, CAN	08-18-06
		<i>(Michael Phelps, Neil Walker, Cullen Jones, Jason Lezak)</i>		
U.S. Open:	3:14.20	USA	Indianapolis, Ind.	04-06-03
		<i>(Scott Tucker, Nate Dusing, Jason Lezak, Neil Walker)</i>		

800 FREESTYLE RELAY

World:	7:03.24	USA	Melbourne, AUS	03-30-07
		<i>(Michael Phelps, Ryan Lochte, Klete Keller, Peter Vanderkaay)</i>		
American:	7:03.24	USA	Melbourne, AUS	03-30-07
		<i>(Michael Phelps, Ryan Lochte, Klete Keller, Peter Vanderkaay)</i>		
U.S. Open:	7:12.35	Club Wolverine	Irvine, Calif.	08-05-05
		<i>(Peter Vanderkaay, Michael Phelps, Klete Keller, Chris DeJong)</i>		

400 MEDLEY RELAY

World:	3:30.68	USA	Athens, GRE	08-21-04
		<i>(Aaron Peirsol, Brendan Hansen, Ian Crocker, Jason Lezak)</i>		
American:	3:30.68	USA	Athens, GRE	08-21-04

*: record pending
r: relay lead off split

p: time swum during prelims
sf: time swum during semi-finals

U.S. Open: 3:34.24 *(Aaron Peirsol, Brendan Hansen, Ian Crocker, Jason Lezak)*
 USA Indianapolis, Ind. 04-06-03
(Aaron Peirsol, Ed Moses, Michael Phelps, Neil Walker)

LONG COURSE METERS—WOMEN

as of July 14, 2008

50 FREESTYLE

World:	23.97*	Libby Trickett, AUS	Sydney, AUS	03-29-08
American:	24.25	Dara Torres, Coral Springs	Omaha, NE	07-06-08
U.S. Open:	24.13	Cate Campbell, AUS	Santa Clara, Calif.	05-18-08

100 FREESTYLE

World:	52.88*	Libby Trickett, AUS	Sydney, AUS	03-27-08
American:	53.39	Natalie Coughlin, Cal	Santa Clara, Calif.	05-16-08
U.S. Open:	53.30	Cate Campbell, AUS	Santa Clara, Calif.	05-16-08

200 FREESTYLE

World:	1:55.52	Laure Manaudou, FRA	Melbourne, AUS	03-28-07
American:	1:55.88	Katie Hoff, North Baltimore	Omaha, NE	07-02-08
U.S. Open:	1:55.88	Katie Hoff, North Baltimore	Omaha, NE	07-02-08

400 FREESTYLE

World:	4:01.53	Federica Pellegrini, ITA	Eindhoven, NED	03-24-08
American:	4:02.20	Katie Hoff, North Baltimore	Columbia, Mo.	02-16-08
U.S. Open:	4:02.20	Katie Hoff, North Baltimore	Columbia, Mo.	02-16-08

800 FREESTYLE

World:	8:16.22	Janet Evans, USA	Tokyo, JPN	08-20-89
American:	8:16.22	Janet Evans, USA	Tokyo, JPN	08-20-89
U.S. Open:	8:17.12	Janet Evans, Fullerton	Orlando, Fla.	03-22-88

1500 FREESTYLE

World:	15:42.54	Kate Ziegler, The Fish	Mission Viejo, Calif.	06-17-07
American:	15:42.54	Kate Ziegler, The Fish	Mission Viejo, Calif.	06-17-07
U.S. Open:	15:42.54	Kate Ziegler, The Fish	Mission Viejo, Calif.	06-17-07

50 BACKSTROKE

World:	27.67*	Sophie Edington AUS	Sydney, AUS	03-23-08
American:	27.80*	Haley McGregory, Longhorn	Austin, Texas	06-07-08
U.S. Open:	27.80*	Haley McGregory, Longhorn	Austin, Texas	06-07-08

100 BACKSTROKE

World:	58.97*	Natalie Coughlin, Cal	Omaha, NE	07-01-08
American:	58.97	Natalie Coughlin, Cal	Omaha, NE	07-01-08
U.S. Open:	58.97	Natalie Coughlin, Cal	Omaha, NE	07-01-08

200 BACKSTROKE

World:	2:06.09*	Margaret Hoelzer, King	Omaha, NE	07-05-08
American:	2:06.09	Margaret Hoelzer, King	Omaha, NE	07-05-08
U.S. Open:	2:06.09	Margaret Hoelzer, King	Omaha, NE	07-05-08

50 BREASTSTROKE

World:	30.31	Jade Edmiston, AUS	Melbourne, AUS	01-30-06
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*: record pending
 r: relay lead off split

p: time swum during prelims
 sf: time swum during semi-finals

American:	30.63	Jessica Hardy, USA	Melbourne, AUS	04-01-07
U.S. Open:	30.91	Megan Jendrick, King	Seattle, Wash.	06-16-06

100 BREASTSTROKE

World:	1:05.09	Leisel Jones, AUS	Melbourne, AUS	03-20-06
American:	1:06.20sf	Jessica Hardy, USA	Montreal, CAN	07-25-05
U.S. Open:	1:06.21	Leisel Jones, AUS	Irvine, Calif.	08-02-05

200 BREASTSTROKE

World:	2:20.54	Leisel Jones, AUS	Melbourne, AUS	02-01-06
American:	2:22.44	Amanda Beard, Tucson Ford	Long Beach, Calif.	07-12-04
U.S. Open:	2:22.44	Amanda Beard, Tucson Ford	Long Beach, Calif.	07-12-04

50 BUTTERFLY

World:	25.46	Therese Alshammar, SWE	Barcelona, ESP	06-13-07
American:	26.00	Jenny Thompson, USA	Barcelona, ESP	07-26-03
U.S. Open:	26.50p	Dara Torres, Stanford	Indianapolis, Ind.	08-09-00

100 BUTTERFLY

World:	56.61	Inge de Bruijn, NED	Sydney, AUS	09-17-00
American:	57.34	Natalie Coughlin, USA	Melbourne, AUS	03-26-07
U.S. Open:	56.64	Inge de Bruijn, NED	Federal Way, Wash.	07-22-00

200 BUTTERFLY

World:	2:05.40	Jessicah Schipper, AUS	Victoria, CAN	08-17-06
American:	2:05.88	Misty Hyman, USA	Sydney, AUS	09-20-00
U.S. Open:	2:05.96	Mary T. Meagher, Lakeside	Brown Deer, Wis.	08-13-81

200 INDIVIDUAL MEDLEY

World:	2:08.92*	Stephanie Rice, AUS	Sydney, AUS	03-25-08
American:	2:09.71	Katie Hoff, North Baltimore	Omaha, NE	07-02-08
U.S. Open:	2:09.71	Katie Hoff, North Baltimore	Omaha, NE	07-02-08

400 INDIVIDUAL MEDLEY

World:	4:31.12*	Katie Hoff, North Baltimore	Omaha, NE	06-29-08
American:	4:31.12	Katie Hoff, North Baltimore	Omaha, NE	06-29-08
U.S. Open:	4:31.12	Katie Hoff, North Baltimore	Omaha, NE	06-29-08

400 FREESTYLE RELAY

World:	3:33.62	Netherlands <i>(Inge Dekker, Ranomi Kromowidjojo, Femke Heemskerk, Marleen Veldhuis)</i>	Eindhoven, NED	03-18-08
American:	3:35.68	USA <i>(Natalie Coughlin, Lacey Nymeyer, Amanda Weir, Kara Lynn Joyce)</i>	Melbourne, AUS	03-25-07
U.S. Open:	3:37.67	Australia <i>(Libby Lenton, Shayne Reese, Alice Mills, Jodie Henry)</i>	Irvine, Calif.	08-02-05

800 FREESTYLE RELAY

World:	7:50.09	USA <i>(Natalie Coughlin, Dana Vollmer, Lacey Nymeyer, Katie Hoff)</i>	Melbourne, AUS	03-29-07
American:	7:50.09	USA <i>(Natalie Coughlin, Dana Vollmer, Lacey Nymeyer, Katie Hoff)</i>	Melbourne, AUS	03-29-07
U.S. Open:	7:59.87	USA <i>(Trina Jackson, Cristina Teuscher, Sheila Taormina, Jenny Thompson)</i>	Atlanta, Ga.	07-25-96

*: record pending
r: relay lead off split

p: time swum during prelims
sf: time swum during semi-finals

400 MEDLEY RELAY

World:	3:55.74	Australia	Melbourne, AUS	03-31-07
		<i>(Sophie Edington, Leisel Jones, Jessicah Schipper, Libby Lenton)</i>		
American:	3:58.30	USA	Sydney, AUS	09-23-00
		<i>(BJ Bedford, Megan Quann, Jenny Thompson, Dara Torres)</i>		
U.S. Open:	3:58.93	Australia	Irvine, Calif.	08-02-05
		<i>(Giaan Rooney, Leisel Jones, Jessicah Schipper, Jodie Henry)</i>		

SHORT COURSE METERS—MEN*as of July 14, 2008***50 FREESTYLE**

World:	20.81	Duje Draganja, CRO	Manchester, GBR	04-11-08
American:	21.18	Nick Brunelli, Sun Devil	Tempe, Ariz.	12-11-05
U.S. Open:	21.10	Fred Bousquet, Auburn/FRA	East Meadow, N.Y.	03-25/04

100 FREESTYLE

World:	45.83	Stefan Nystrand, SWE	Berlin, GER	11-17-07
American:	46.25	Ian Crocker, Texas	East Meadow, N.Y.	03-27-04
U.S. Open:	46.25	Ian Crocker, Texas	East Meadow, N.Y.	03-27-04

200 FREESTYLE

World:	1:41.10	Ian Thorpe, AUS	Berlin, GER	02-06-00
American:	1:42.78	Michael Phelps, Club Wolverine	East Meadow, NY	02-04-06
U.S. Open:	1:42.78	Michael Phelps, Club Wolverine	East Meadow, NY	02-04-06

400 FREESTYLE

World:	3:34.58	Grant Hackett, AUS	Sydney, AUS	07-18-02
American:	3:40.66	Chad Carvin, USA	Berlin, GER	02-05-00
U.S. Open:	3:40.47	Ryk Neethling, Arizona/RSA	Minneapolis, Minn.	03-23-00

800 FREESTYLE

World:	7:25.28	Grant Hackett, AUS	Perth, AUS	08-03-01
American:	7:43.06	Jeff Kostoff, USA	Bonn, FRG	02-13-83
U.S. Open:	7:43.06	Jeff Kostoff, USA	Bonn, FRG	02-13-83

1500 FREESTYLE

World:	14:10.10	Grant Hackett, AUS	Perth, AUS	08-07-01
American:	14:31.02	Erik Vendt, Southern Cal	Minneapolis, Minn.	03-25-00
U.S. Open:	14:31.02	Erik Vendt, Southern Cal	Minneapolis, Minn.	03-25-00

50 BACKSTROKE

World:	23.27	Thomas Rupprath, GER	Vienna, AUT	12-10-04
American:	23.33	Randall Bal, USA	Berlin, GER	11-18-07
U.S. Open:	23.39	Peter Marshall, USA	Long Island, NY	02-03-06

100 BACKSTROKE

World:	49.99r	Ryan Lochte, USA	Shanghai, CHN	04-09-06
American:	49.99r	Ryan Lochte, USA	Shanghai, CHN	04-09-06
U.S. Open:	50.32	Peter Marshall, Stanford	East Meadow, N.Y.	03-26-04

200 BACKSTROKE

World:	1:47.84	Markus Rogan, AUT	Manchester, GBR	04-13-08
American:	1:47.91	Ryan Lochte, USA	Manchester, GBR	04-13-08

*: record pending
r: relay lead off split

p: time swum during prelims
sf: time swum during semi-finals

U.S. Open: 1:50.52 Aaron Peirsol, USA Indianapolis, Ind. 10-11-04

50 BREASTSTROKE

World: 26.17 Oleg Lisogor, UKR Berlin, GER 01-21-06
American: 26.28 Ed Moses, USA Stockholm, SWE 01-22-02
U.S. Open: 26.60 Oleg Lisogor, UKR East Meadow, N.Y. 02-11-05

100 BREASTSTROKE

World: 57.47 Ed Moses, USA Stockholm, SWE 01-23-02
American: 57.47 Ed Moses, USA Stockholm, SWE 01-23-02
U.S. Open: 57.66 Ed Moses, Virginia Minneapolis, Minn. 03-24-00

200 BREASTSTROKE

World: 2:02.92 Ed Moses, USA Berlin, GER 01-17-04
American: 2:02.92 Ed Moses, USA Berlin, GER 01-17-04
U.S. Open: 2:04.61 Ed Moses, Curl-Burke East Meadow, N.Y. 01-30-04

50 BUTTERFLY

World: 22.60 Kaio Almeida, BRA Santos, BRA 12-18-05
American: 22.71 Ian Crocker, USA Indianapolis, Ind. 10-10-04
U.S. Open: 22.71 Ian Crocker, USA Indianapolis, Ind. 10-10-04

100 BUTTERFLY

World: 49.07 Ian Crocker, Texas East Meadow, N.Y. 03-26-04
American: 49.07 Ian Crocker, Texas East Meadow, N.Y. 03-26-04
U.S. Open: 49.07 Ian Crocker, Texas East Meadow, N.Y. 03-26-04

200 BUTTERFLY

World: 1:50.73 Franck Esposito, FRA Antibes, FRA 12-08-02
American: 1:52.27 Michael Phelps, USA Melbourne, AUS 11-28-03
U.S. Open: 1:53.18 James Hickman, GBR East Meadow, N.Y. 11-23-02

100 INDIVIDUAL MEDLEY

World: 51.15 Ryan Lochte, USA Manchester, GBR 04-13-08
American: 51.15 Ryan Lochte, USA Manchester, GBR 04-13-08
U.S. Open: 51.52 Ryk Neethling, RSA East Meadow, N.Y. 02-11-05

200 INDIVIDUAL MEDLEY

World: 1:51.56 Ryan Lochte, USA Manchester, GBR 04-11-08
American: 1:51.56 Ryan Lochte, USA Manchester, GBR 04-11-08
U.S. Open: 1:53.93 George Bovell, Auburn/TRI East Meadow, N.Y. 03-25-04

400 INDIVIDUAL MEDLEY

World: 3:59.33 Laszlo Cseh, HUN Debrecen, HUN 12-14-07
American: 4:02.49 Ryan Lochte, USA Shanghai, CHN 04-06-06
U.S. Open: 4:03.99 Michael Phelps, Club Wolverine East Meadow, N.Y. 02-03-06

200 FREESTYLE RELAY

World: 1:24.19 Sweden Debrecen, HUN 12-16-07
(Petter Stymne, Marcus Piehl, Per Nylin, Stefan Nystrand)
American: 1:25.69 Stanford East Meadow, N.Y. 03-25-04
(Ben Wildman-Tobriner, Peter Marshall, Andrew Schnell, Bobby

O'Bryan)

U.S. Open: 1:23.75 Auburn East Meadow, N.Y. 03-25-04
(George Bovell, Ryan Wochomurka, Derek Gibb, Fred Bousquet)

*: record pending
r: relay lead off split

p: time swum during prelims
sf: time swum during semi-finals

400 FREESTYLE RELAY

World:	3:08.44	USA	Manchester, GBR	04-09-08
		<i>(Ryan Lochte, Bryan Lundquist, Nathan Adrian, Doug Van Wie)</i>		
American:	3:08.44	USA	Manchester, GBR	04-09-08
		<i>(Ryan Lochte, Bryan Lundquist, Nathan Adrian, Doug Van Wie)</i>		
U.S. Open:	3:08.85	Auburn	East Meadow, N.Y.	03-27-04
		<i>(George Bovell, Ryan Wochomurka, Derek Gibb, Fred Bousquet)</i>		

800 FREESTYLE RELAY

World:	6:52.66	Australia	Perth, AUS	08-31-07
		<i>(Kirk Palmer, Grant Hackett, Grant Brits, Kenrick Monk)</i>		
American:	7:00.19	USA	Manchester, GBR	04-10-08
		<i>(Ryan Lochte, Robert Margalis, Larsen Jensen, Doug Van Wie)</i>		
U.S. Open:	7:01.42	Michigan	East Meadow, N.Y.	03-26-04
		<i>(Peter Vanderkaay, Davis Tarwater, Andrew Hurd, Dan Ketchum)</i>		

200 MEDLEY RELAY

World:	1:34.46	Germany	Dublin, IRE	12-11-03
		<i>(Thomas Rupprath, Mark Warnecke, Fabian Friedrich, Carsten Dehmlow)</i>		
American:	1:34.58	Texas	East Meadow, N.Y.	03-26-04
		<i>(Aaron Peirsol, Brendan Hansen, Ian Crocker, Garrett Weber-Gale)</i>		
U.S. Open:	1:34.25	Auburn	East Meadow, N.Y.	03-26-04
		<i>(Doug Van Wie, Mark Gangloff, Fred Bousquet, Derek Gibb)</i>		

400 MEDLEY RELAY

World:	3:24.29	RUS	Manchester, GBR	04-13-08
		<i>(Stanislav Donets, Sergey Geybel, Evgeny Korotyshkin, Alexander Sukhorukov)</i>		
American:	3:24.38	USA	Manchester, GBR	04-13-08
		<i>(Randall Bal, Mark Gangloff, Ryan Lochte, Nathan Adrian)</i>		
U.S. Open:	3:25.09	USA	Indianapolis, Ind.	10-11-04
		<i>(Aaron Peirsol, Brendan Hansen, Ian Crocker, Jason Lezak)</i>		

SHORT COURSE METERS—WOMEN

as of July 14, 2008

50 FREESTYLE

World:	23.25	Marleen Veldhuis, NED	Manchester, GBR	04-13-08
American:	23.82	Dara Torres, USA	Berlin, GER	11-17-07
U.S. Open:	24.21p	Kara Lynn Joyce, Georgia	College Station, Texas	03-18-04

100 FREESTYLE

World:	51.70	Libby Lenton, AUS	Melbourne, AUS	08-09-05
American:	52.79	Dara Torres, USA	Berlin, GER	11-18-07
U.S. Open:	52.67	Libby Lenton, AUS	Indianapolis, Ind.	10-09-04

200 FREESTYLE

World:	1:53.29	Libby Lenton, AUS	Sydney, AUS	11-19-05
American:	1:54.04	Lindsay Benko, USA	Moscow, RUS	04-07-02
U.S. Open:	1:54.64	Josefin Lillhage, SWE	East Meadow, N.Y.	02-11-05

400 FREESTYLE

*: record pending p: time swum during prelims
r: relay lead off split sf: time swum during semi-finals

World:	3:56.09	Laure Manaudou, FRA	Helsinki, FIN	12-19-06
American:	3:59.53	Lindsay Benko, USA	Berlin, GER	01-26-03
U.S. Open:	4:01.36	Sachiko Yamada, JPN	East Meadow, N.Y.	01-31-04

800 FREESTYLE

World:	8:08.00	Kate Ziegler, The Fish	Essen, GER	10-14-07
American:	8:08.00	Kate Ziegler, The Fish	Essen, GER	10-14-07
U.S. Open:	8:12.19	Kate Ziegler, The Fish	East Meadow, N.Y.	02-03-06

1500 FREESTYLE

World:	15:32.90	Kate Ziegler, The Fish	Essen, GER	10-12-07
American:	15:32.90	Kate Ziegler, The Fish	Essen, GER	10-12-07
U.S. Open:	15:43.31	Petra Schneider, GDR	Gainesville, Fla.	01-10-82

50 BACKSTROKE

World:	26.37	Sanja Jovanovic, CRO	Manchester, GBR	04-13-08
American:	27.08	Natalie Coughlin, Cal	East Meadow, N.Y.	11-22-02
U.S. Open:	27.08	Natalie Coughlin, Cal	East Meadow, N.Y.	11-22-02

100 BACKSTROKE

World:	56.51	Natalie Coughlin, Cal	Singapore	10-28-07
American:	56.51	Natalie Coughlin, Cal	Singapore	10-28-07
U.S. Open:	56.71	Natalie Coughlin, Cal	East Meadow, N.Y.	11-23-02

200 BACKSTROKE

World:	2:00.91	Kirsty Coventry, ZIM	Manchester, GBR	04-11-08
American:	2:03.62	Natalie Coughlin, Cal	East Meadow, N.Y.	11-27-01
U.S. Open:	2:03.62	Natalie Coughlin, Cal	East Meadow, N.Y.	11-27-01

50 BREASTSTROKE

World:	29.58	Jessica Hardy, USA	Manchester, GBR	04-10-08
American:	29.58	Jessica Hardy, USA	Manchester, GBR	04-10-08
U.S. Open:	30.01sf	Jade Edmestone, AUS	Indianapolis, Ind.	10-07-04

100 BREASTSTROKE

World:	1:03.72*	Leisel Jones, AUS	Canberra, AUS	04-25-08
American:	1:04.22	Jessica Hardy, USA	Manchester, GBR	04-12-08
U.S. Open:	1:04.30	Tara Kirk, Stanford	Austin, Texas	03-09-08

200 BREASTSTROKE

World:	2:17.75	Leisel Jones, AUS	Melbourne, AUS	11-29-03
American:	2:20.70	Tara Kirk, Stanford	College Station, Texas	03-20-04
U.S. Open:	2:20.70	Tara Kirk, Stanford	College Station, Texas	03-20-04

50 BUTTERFLY

World:	25.32	Felicity Galvez, AUS	Manchester, GBR	04-11-08
American:	25.70	Rachel Komisarz, USA	Manchester, GBR	04-11-08
U.S. Open:	25.74	Anna-Karin Kammerling, SWE	East Meadow, N.Y.	11-23-02

100 BUTTERFLY

World:	55.74*	Libby Trickett, AUS	Canberra, AUS	04-25-08
American:	56.32	Rachel Komisarz, USA	Manchester, GBR	04-13-08
U.S. Open:	56.34	Natalie Coughlin, Cal	East Meadow, N.Y.	11-22-02

200 BUTTERFLY

World:	2:03.12	Yuko Nakanishi, JPN	Tokyo, JPN	02-23-08
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*: record pending
r: relay lead off split

p: time swum during prelims
sf: time swum during semi-finals

American:	2:04.27	Mary Descenza, USA	Manchester, GBR	04-09-08
U.S. Open:	2:05.65	Mary T. Meagher, USA	Gainesville, Fla.	01-02-81

100 INDIVIDUAL MEDLEY

World:	58.80	Natalie Coughlin, Cal	East Meadow, N.Y.	11-23-02
American:	58.80	Natalie Coughlin, Cal	East Meadow, N.Y.	11-23-02
U.S. Open:	58.80	Natalie Coughlin, Cal	East Meadow, N.Y.	11-23-02

200 INDIVIDUAL MEDLEY

World:	2:06.13	Kirsty Coventry, ZIM	Manchester, GBR	04-12-08
American:	2:07.79	Allison Wagner, USA	Mallorca, ESP	12-05-93
U.S. Open:	2:08.11	Kaitlin Sandeno, Southern Cal	College Station, Texas	03-18-04

400 INDIVIDUAL MEDLEY

World:	4:26.52	Kirsty Coventry, ZIM	Manchester, GBR	04-09-08
American:	4:30.12	Kaitlin Sandeno, USA	Indianapolis, Ind.	10-07-04
U.S. Open:	4:30.12	Kaitlin Sandeno, USA	Indianapolis, Ind.	10-07-04

200 FREESTYLE RELAY

World:	1:34.82	Netherlands	Debrecen, HUN	12-14-07
		<i>(Inge Dekker, Hinkelien Schreuder, Ranomi Kromowidjojo, Marleen Veldhuis)</i>		
American:	1:37.27	Georgia	College Station, Texas	03-18-04
		<i>(Kara Lynn Joyce, Neka Mabry, Paige Kearns, Andrea Georoff)</i>		
U.S. Open:	1:37.27	Georgia	College Station, Texas	03-18-04
		<i>(Kara Lynn Joyce, Neka Mabry, Paige Kearns, Andrea Georoff)</i>		

400 FREESTYLE RELAY

World:	3:29.42	Netherlands	Manchester, GBR	04-12-08
		<i>(Hinkelien Schreuder, Femke Heemskerk, Inge Dekker, Marleen Veldhuis)</i>		
American:	3:34.96	USA	Manchester, GBR	04-12-08
		<i>(Jessica Hardy, Rachel Komisarz, Emily Silver, Kara Denby)</i>		
U.S. Open:	3:35.07	USA	Indianapolis, Ind.	10-10-04
		<i>(Amanda Weir, Kara Lynn Joyce, Lindsay Benko, Jenny Thompson)</i>		

800 FREESTYLE RELAY

World:	7:38.90	Netherlands	Manchester, GBR	04-09-08
		<i>(Inge Dekker, Femke Heemskerk, Marleen Veldhuis, Ranomi Kromowidjojo)</i>		
American:	7:45.58	USA	Manchester, GBR	04-09-08
		<i>(Mary Descenza, Margaret Hoelzer, Erin Reilly, Rachel Komisarz)</i>		
U.S. Open:	7:47.72	USA	Indianapolis, Ind.	10-07-04
		<i>(Dana Vollmer, Rachel Komisarz, Lindsay Benko, Kaitlin Sandeno)</i>		

200 MEDLEY RELAY

World:	1:46.67	Germany	Debrecen, HUN	12-15-07
		<i>(Janine Pietsch, Janne Schaefer, Annika Mehlhorn, Britta Steffen)</i>		
American:	1:49.71	Arizona	Indianapolis, Ind.	03-17-00
		<i>(Beth Botsford, Amanda Beard, Amy Bouta, Denali Knapp)</i>		
U.S. Open:	1:49.02	Auburn	College Station, Texas	03-19-04
		<i>(Jenni Anderson, Laura Swander, Margaret Hoelzer, Eileen Coparropa)</i>		

400 MEDLEY RELAY

World:	3:51.36	USA	Manchester, GBR	04-11-08
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*: record pending

p: time swum during prelims

r: relay lead off split

sf: time swum during semi-finals

American:	3:51.36	(Margaret Hoelzer, Jessica Hardy, Rachel Komisarz, Kara Denby) USA	Manchester, GBR	04-11-08
U.S. Open:	3:54.95	(Margaret Hoelzer, Jessica Hardy, Rachel Komisarz, Kara Denby) Australia	Indianapolis, Ind.	10-09-04
		(Sophie Edington, Brooke Hanson, Jessicah Schipper, Libby Lenton)		

SHORT COURSE YARDS—MEN

as of July 14, 2008

50 FREESTYLE

American:	18:87r	Ben Wildman-Tobriner, Stanford	Minneapolis, Minn.	03-15-07
U.S. Open:	18.47r	Cesar Cielo, Auburn/BRA	Federal Way, Wash.	03-27-08

100 FREESTYLE

American:	41.62	Anthony Ervin, Cal	Athens, Ga.	03-30-02
U.S. Open:	40.92	Cesar Cielo, Auburn/BRA	Federal Way, Wash.	03-29-08

200 FREESTYLE

American:	1:32.08	Michael Phelps, Club Wolverine	Austin, Texas	03-03-05
U.S. Open:	1:31.20	Simon Burnett, Arizona/GBR	Atlanta, Ga.	03-24-06

500 FREESTYLE

American:	4:08.54	Peter Vanderkaay, Club Wolverine	Rochester, Mich.	02-09-08
U.S. Open:	4:08.54	Peter Vanderkaay, Club Wolverine	Rochester, Mich.	02-09-08

1000 FREESTYLE

American:	8:36.49	Erik Vendt, Club Wolverine	Long Beach, Cali	01-18-08
U.S. Open:	8:36.49	Erik Vendt, Club Wolverine	Long Beach, Cali	01-18-08

1650 FREESTYLE

American:	14:26.62	Chris Thompson, Michigan	College Station, Texas	03-24-01
U.S. Open:	14:26.62	Chris Thompson, Michigan	College Station, Texas	03-24-01

100 BACKSTROKE

American:	44.60r	Ryan Lochte, Florida	Atlanta, Ga.	03-24-06
U.S. Open:	44.60r	Ryan Lochte, Florida	Atlanta, Ga.	03-24-06

200 BACKSTROKE

American:	1:36.81	Ryan Lochte, Daytona Beach	Atlanta, Ga.	12-01-07
U.S. Open:	1:36.81	Ryan Lochte, Daytona Beach	Atlanta, Ga.	12-01-07

100 BREASTSTROKE

American:	51.56	Michael Alexandrov, Northwestern	Minneapolis, Minn.	03-15-07
U.S. Open:	51.56	Michael Alexandrov, Northwestern	Minneapolis, Minn.	03-15-07

200 BREASTSTROKE

American:	1:51.74	Brendan Hansen, Longhorn	Austin, Texas	03-03-06
U.S. Open:	1:51.74	Brendan Hansen, Longhorn	Austin, Texas	03-03-06

100 BUTTERFLY

American:	44.72	Ian Crocker, Texas	Austin, Texas	02-27-04
U.S. Open:	44.57	Albert Subirats, Arizona/VEN	Minneapolis, Minn.	03-15-07

200 BUTTERFLY

American:	1:39.70	Michael Phelps, Club Wolverine	Austin, Texas	03-03-06
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*: record pending
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sf: time swum during semi-finals

U.S. Open: 1:39.70 Michael Phelps, Club Wolverine Austin, Texas 03-03-06

200 INDIVIDUAL MEDLEY

American: 1:40.08 Ryan Lochte, Daytona Beach Atlanta, Ga. 11-29-07
U.S. Open: 1:40.08 Ryan Lochte, Daytona Beach Atlanta, Ga. 11-29-07

400 INDIVIDUAL MEDLEY

American: 3:36.26 Michael Phelps, Club Wolverine Austin, Texas 03-02-06
U.S. Open: 3:36.26 Michael Phelps, Club Wolverine Austin, Texas 03-02-06

200 FREESTYLE RELAY

American: 1:16.49 Stanford Athens, Ga. 03-28-02
(Randall Bal, Peter Marshall, Andrew Schnell, Bobby O'Bryan)
U.S. Open: 1:14.71 Auburn Minneapolis, Minn. 03-15-07
(Cesar Cielo, Matt Targett, Scott Goodrich, Bryan Lundquist)

400 FREESTYLE RELAY

American: 2:49.80 Texas College Station, Texas 03-24-01
(Nate Dusing, Ian Crocker, Tommy Hannan, Jamie Rauch)
U.S. Open: 2:46.56 Auburn Minneapolis, Minn. 03-17-07
(Jakob Andkjaer, Cesar Cielo, Matt Targett, Bryan Lundquist)

800 FREESTYLE RELAY

American: 6:10.55 Texas Austin, Texas 02-27-08
(Dave Walters, Matt McGinnis, Michael Klueh, Rick Berens)
U.S. Open: 6:10.55 Texas Austin, Texas 02-27-08
(Dave Walters, Matt McGinnis, Michael Klueh, Rick Berens)

200 MEDLEY RELAY

American: 1:24.00 Longhorn Austin, Texas 03-02-06
(Aaron Peirsol, Brendan Hansen, Ian Crocker, Neil Walker)
U.S. Open: 1:23.24 Auburn Federal Way, Wash 03-28-08
(Scott Goodrich, David Maras, Alexei Puninski, Cesar Cielo)

400 MEDLEY RELAY

American: 3:02.94 Longhorn Austin, Texas 03-04-06
(Aaron Peirsol, Brendan Hansen, Ian Crocker, Neil Walker)
U.S. Open: 3:02.94 Longhorn Austin, Texas 03-04-06
(Aaron Peirsol, Brendan Hansen, Ian Crocker, Neil Walker)

SHORT COURSE YARDS—WOMEN

as of July 14, 2008

50 FREESTYLE

American: 21.46 Natalie Coughlin, Cal Atlanta, Ga. 11-29-07
U.S. Open: 21.46 Natalie Coughlin, Cal Atlanta, Ga. 11-29-07

100 FREESTYLE

American: 46.85 Natalie Coughlin, Cal Atlanta, Ga. 12-01-07
U.S. Open: 46.85 Natalie Coughlin, Cal Atlanta, Ga. 12-01-07

200 FREESTYLE

American: 1:41.66 Natalie Coughlin, Cal Long Beach, Cal. 01-14-07
U.S. Open: 1:41.66 Natalie Coughlin, Cal Long Beach, Cal. 01-14-07

500 FREESTYLE

*: record pending p: time swum during prelims
r: relay lead off split sf: time swum during semi-finals

American:	4:30.47	Katie Hoff, North Baltimore	Annapolis, Md.	12-08-07
U.S. Open:	4:30.47	Katie Hoff, North Baltimore	Annapolis, Md.	12-08-07

1000 FREESTYLE

American:	9:10.77	Katie Hoff, North Baltimore	Annapolis, Md.	12-07-07
U.S. Open:	9:10.77	Katie Hoff, North Baltimore	Annapolis, Md.	12-07-07

1650 FREESTYLE

American:	15:24.35	Katie Hoff, North Baltimore	Annapolis, Md.	03-02-08
U.S. Open:	15:24.35	Katie Hoff, North Baltimore	Annapolis, Md.	03-02-08

100 BACKSTROKE

American:	49.97	Natalie Coughlin, Cal	Austin, Texas	03-22-02
U.S. Open:	49.97	Natalie Coughlin, Cal	Austin, Texas	03-22-02

200 BACKSTROKE

American:	1:49.52	Natalie Coughlin, Cal	Austin, Texas	03-23-02
U.S. Open:	1:49.52	Natalie Coughlin, Cal	Austin, Texas	03-23-02

100 BREASTSTROKE

American:	57.77	Tara Kirk, Palo Alto Stanford	Austin, Texas	03-04-06
U.S. Open:	57.77	Tara Kirk, Palo Alto Stanford	Austin, Texas	03-04-06

200 BREASTSTROKE

American:	2:05.73	Tara Kirk, Palo Alto Stanford	Austin, Texas	03-03-06
U.S. Open:	2:05.73	Tara Kirk, Palo Alto Stanford	Austin, Texas	03-03-06

100 BUTTERFLY

American:	50.01	Natalie Coughlin, Cal	Austin, Texas	03-22-02
U.S. Open:	50.01	Natalie Coughlin, Cal	Austin, Texas	03-22-02

200 BUTTERFLY

American:	1:51.91	Natalie Coughlin, Cal	Auburn, Ala.	12-07-02
U.S. Open:	1:51.91	Natalie Coughlin, Cal	Auburn, Ala.	12-07-02

200 INDIVIDUAL MEDLEY

American:	1:53.77	Katie Hoff, North Baltimore	Annapolis, Md.	12-07-07
U.S. Open:	1:53.77	Katie Hoff, North Baltimore	Annapolis, Md.	12-07-07

400 INDIVIDUAL MEDLEY

American:	4:00.66	Katie Hoff, North Baltimore	Annapolis, Md.	12-08-07
U.S. Open:	4:00.66	Katie Hoff, North Baltimore	Annapolis, Md.	12-08-07

200 FREESTYLE RELAY

American:	1:26.90*	Arizona	Columbus, Ohio	03-20-08
		<i>(Lara Jackson, Lacey Nymeyer, Anna Turner, Taylor Baughman)</i>		
U.S. Open:	1:26.90*	Arizona	Columbus, Ohio	03-20-08
		<i>(Lara Jackson, Lacey Nymeyer, Anna Turner, Taylor Baughman)</i>		

400 FREESTYLE RELAY

American:	3:11.34	Arizona	Columbus, Ohio	03-22-08
		<i>(Lacey Nymeyer, Anna Turner, Lara Jackson, Taylor Baughman)</i>		
U.S. Open:	3:11.34	Arizona	Columbus, Ohio	03-22-08
		<i>(Lacey Nymeyer, Anna Turner, Lara Jackson, Taylor Baughman)</i>		

800 FREESTYLE RELAY

American:	6:57.28	Auburn	Tuscaloosa, Ala.	02-20-2008
		<i>(Ava Ohlgren, Caitlin Geary, Melissa Marik, Emily Kukors)</i>		

*: record pending
 r: relay lead off split

p: time swum during prelims
 sf: time swum during semi-finals

U.S. Open: 6:57.28 Auburn Tuscaloosa, Ala. 02-20-2008
(Ava Ohlgren, Caitlin Geary, Melissa Marik, Emily Kukors)

200 MEDLEY RELAY

American: 1:35.29 Arizona Columbus, Ohio 03-21-08
(Hailey DeGolia, Annie Chandler, Lara Jackson, Anna Turner)

U.S. Open: 1:35.29 Arizona Columbus, Ohio 03-21-08
(Hailey DeGolia, Annie Chandler, Lara Jackson, Anna Turner)

400 MEDLEY RELAY

American: 3:29.06 Arizona Columbus, Ohio 03-20-08
(Hailey Degolia, Annie Chandler, Ana Agy, Lacey Nymeyer)

U.S. Open: 3:29.06 Arizona Columbus, Ohio 03-20-08
(Hailey Degolia, Annie Chandler, Ana Agy, Lacey Nymeyer)

For up-to-date records, please visit the Times Section of www.usaswimming.org.

*: record pending

r: relay lead off split

p: time swum during prelims

sf: time swum during semi-finals