

LONG COURSE METERS—MEN

as of March 30, 2010

50 FREESTYLE

World:	20.91	Cesar Cielo, BRA	Sao Paulo, BRA	12-18-09
American:	21.40sf	Cullen Jones, USA	Rome, ITA	08-01-09
U.S. Open:	21.14	Cesar Cielo, Auburn/BRA	Indianapolis, IN	07-09-09

100 FREESTYLE

World:	46.91	Cesar Cielo, BRA	Rome, ITA	07-30-09
American:	47.33	David Walters, USA	Rome, ITA	07-30-09
U.S. Open:	47.58sf	Jason Lezak, Rose Bowl Aquatics	Omaha, NE	07-02-08

200 FREESTYLE

World:	1:42.00	Paul Biedermann, GER	Rome, ITA	07-26-09
American:	1:42.96	Michael Phelps, USA	Beijing, CHN	08-12-08
U.S. Open:	1:44.10	Michael Phelps, Club Wolverine	Omaha, NE	07-01-08

400 FREESTYLE

World:	3:40.07	Paul Biedermann, GER	Rome, ITA	07-26-09
American:	3:42.78	Larsen Jensen, USA	Beijing, CHN	08-10-08
U.S. Open:	3:43.53	Larsen Jensen, Trojan	Omaha, NE	06-29-08

800 FREESTYLE

World:	7:32.12	Lin Zhang, CHN	Rome, ITA	07-29-09
American:	7:45.63	Larsen Jensen, USA	Montreal, CAN	07-27-05
U.S. Open:	7:47.27	Chad La Tourette, Mission Viejo	Federal Way, WA	08-08-09

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:	24.04	Liam Tancock, GBR	Rome, ITA	08-01-09
American:	24.33	Randall Bal, USA	Eindhoven, NED	12-05-08
U.S. Open:	24.71	Ben Hesen, IU Club Paradise	Omaha, NE	07-04-08

100 BACKSTROKE

World:	51.94	Aaron Peirsol, Longhorn	Indianapolis, IN	07-08-09
American:	51.94	Aaron Peirsol, Longhorn	Indianapolis, IN	07-08-09
U.S. Open:	51.94	Aaron Peirsol, Longhorn	Indianapolis, IN	07-08-09

200 BACKSTROKE

World:	1:51.92	Aaron Peirsol, USA	Rome, ITA	07-31-09
American:	1:51.92	Aaron Peirsol, USA	Rome, ITA	07-31-09
U.S. Open:	1:53.08	Aaron Peirsol, Longhorn	Indianapolis, IN	07-11-09

50 BREASTSTROKE

World:	26.67	Cameron Van der Burgh, RSA	Rome, ITA	07-29-09
American:	26.86	Mark Gangloff, USA	Rome, ITA	07-29-09
U.S. Open:	27.34	Mark Gangloff, SwimMACCarolina	Indianapolis, IN	07-08-09

100 BREASTSTROKE

*: record pending
r: relay lead off split

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

World:	58.48	Brenton Rickard, AUS	Rome, ITA	07-27-09
American:	58.96sf	Eric Shanteau, USA	Rome, ITA	07-26-09
U.S. Open:	59.01	Mark Gangloff, SwimMacCarolina	Indianapolis, IN	07-07-09

200 BREASTSTROKE

World:	2:07.31	Christian Sprenger, AUS	Rome, ITA	07-30-09
American:	2:07.42sf	Eric Shanteau, USA	Rome, ITA	07-29-09
U.S. Open:	2:08.43	Eric Shanteau, Longhorn	Indianapolis, IN	07-11-09

50 BUTTERFLY

World:	22.43	Rafael Munoz, ESP	Malaga, ESP	04-05-09
American:	22.91	Bryan Lundquist, Rays	Knoxville, TN	07-18-09
U.S. Open:	22.91	Bryan Lundquist, Rays	Knoxville, TN	07-18-09

100 BUTTERFLY

World:	49.82	Michael Phelps, USA	Rome, ITA	08-01-09
American:	49.82	Michael Phelps, USA	Rome, ITA	08-01-09
U.S. Open:	50.22	Michael Phelps, North Baltimore	Indianapolis, IN	07-09-09

200 BUTTERFLY

World:	1:51.51	Michael Phelps, USA	Rome, ITA	07-29-09
American:	1:51.51	Michael Phelps, USA	Rome, ITA	07-29-09
U.S. Open:	1:52.20	Michael Phelps, Club Wolverine	Omaha, NE	07-02-08

200 INDIVIDUAL MEDLEY

World:	1:54.10	Ryan Lochte, USA	Rome, ITA	07-30-09
American:	1:54.10	Ryan Lochte, USA	Rome, ITA	07-30-09
U.S. Open:	1:54.56	Ryan Lochte, Daytona Beach	Indianapolis, IN	07-10-09

400 INDIVIDUAL MEDLEY

World:	4:03.84	Michael Phelps, USA	Beijing, CHN	08-10-08
American:	4:03.84	Michael Phelps, USA	Beijing, CHN	08-10-08
U.S. Open:	4:05.25	Michael Phelps, Club Wolverine	Omaha, NE	06-29-08

400 FREESTYLE RELAY

World:	3:08.24	USA	Beijing, CHN	08-11-08
		<i>(Michael Phelps, Garrett Weber-Gale, Cullen Jones, Jason Lezak)</i>		
American:	3:08.24	USA	Beijing, CHN	08-11-08
		<i>(Michael Phelps, Garrett Weber-Gale, Cullen Jones, Jason Lezak)</i>		
U.S. Open:	3:14.20	USA	Indianapolis, IN	04-06-03
		<i>(Scott Tucker, Nate Dusing, Jason Lezak, Neil Walker)</i>		

800 FREESTYLE RELAY

World:	6:58.55	USA	Rome, ITA	07-31-09
		<i>(Michael Phelps, Ricky Berens, David Walters, Ryan Lochte)</i>		
American:	6:58.55	USA	Rome, ITA	07-31-09
		<i>((Michael Phelps, Ricky Berens, David Walters, Ryan Lochte)</i>		
U.S. Open:	7:12.35	Club Wolverine	Irvine, CA	08-05-05
		<i>(Peter Vanderkaay, Michael Phelps, Klete Keller, Chris DeJong)</i>		

400 MEDLEY RELAY

World:	3:27.28	USA	Rome, ITA	08-02-09
		<i>(Aaron Peirsol, Eric Shanteau, Michael Phelps, David Walters)</i>		
American:	3:27.28	USA	Rome, ITA	08-02-09
		<i>(Aaron Peirsol, Eric Shanteau, Michael Phelps, David Walters)</i>		

*: record pending
r: relay lead off split

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

U.S. Open: 3:34.24 USA Indianapolis, IN 04-06-03
(Aaron Peirsol, Ed Moses, Michael Phelps, Neil Walker)

LONG COURSE METERS—WOMEN

as of March 30, 2010

50 FREESTYLE

World:	23.73	Britta Steffen, GER	Rome, ITA	08-01-09
American:	24.07	Dara Torres, USA	Beijing, CHN	08-17-08
U.S. Open:	24.13	Cate Campbell, AUS	Santa Clara, CA	05-18-08

100 FREESTYLE

World:	52.07	Britta Steffen, GER	Rome, ITA	07-31-09
American:	53.02sf	Amanda Weir, USA	Rome, ITA	07-30-09
U.S. Open:	53.30	Cate Campbell, AUS	Santa Clara, CA	05-16-08

200 FREESTYLE

World:	1:52.98	Federica Pellegrini, ITA	Rome, ITA	07-29-09
American:	1:54.96	Allison Schmitt, USA	Rome, ITA	07-29-09
U.S. Open:	1:55.88	Katie Hoff, North Baltimore	Omaha, NE	07-02-08

400 FREESTYLE

World:	3:59.15	Federica Pellergrini, ITA	Rome, ITA	07-26-09
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:	8:14.10	Rebecca Adlington, GBR	Beijing, CHN	08-16-08
American:	8:16.22	Janet Evans, USA	Tokyo, JPN	08-20-89
U.S. Open:	8:17.12	Janet Evans, Fullerton	Orlando, FL	03-22-88

1500 FREESTYLE

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

50 BACKSTROKE

World:	27.06	Jing Zhao, CHN	Rome, ITA	07-26-09
American:	27.80	Hayley Gregory, Longhorn	Austin, TX	06-07-08
U.S. Open:	27.80	Hayley Gregory, Longhorn	Austin, TX	06-07-08

100 BACKSTROKE

World:	58.12	Gemma Spofforth, GBR	Rome, ITA	07-28-09
American:	58.94r	Natalie Coughlin, USA	Beijing, CHN	08-17-08
U.S. Open:	58.97	Natalie Coughlin, Cal	Omaha, NE	07-01-08

200 BACKSTROKE

World:	2:04.81	Kirsty Coventry, ZIM	Rome, ITA	08-01-09
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:	29.80	Jessica Hardy, Trojan	Federal Way, WA	08-07-09
American:	29.80	Jessica Hardy, Trojan	Federal Way, WA	08-07-09

*: record pending
 r: relay lead off split

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

U.S. Open: 29.80 Jessica Hardy, Trojan Federal Way, WA 08-07-09

100 BREASTSTROKE

World: 1:04.45 Jessica Hardy, Trojan Federal Way, WA 08-07-09
American: 1:04.45 Jessica Hardy, Trojan Federal Way, WA 08-07-09
U.S. Open: 1:04.45 Jessica Hardy, Trojan Federal Way, WA 08-07-09

200 BREASTSTROKE

World: 2:20.12 Annamay Pierse, CAN Rome, ITA 07-30-09
American: 2:20.22 Rebecca Soni, USA Beijing, CHN 08-15-08
U.S. Open: 2:20.38 Rebecca Soni, Trojan Indianapolis, IN 07-11-09

50 BUTTERFLY

World: 25.07sf Therese Alshammar, SWE Rome, ITA 07-31-09
American: 25.50 Dara Torres, Coral Springs Indianapolis, IN 07-11-09
U.S. Open: 25.50 Dara Torres, Coral Springs Indianapolis, IN 07-11-09

100 BUTTERFLY

World: 56.06 Sara Sjolstrom, SWE Rome, ITA 07-27-09
American: 56.94 Dana Vollmer, USA Rome, ITA 07-27-09
U.S. Open: 56.64 Inge de Bruijn, NED Federal Way, WA 07-22-00

200 BUTTERFLY

World: 2:01.81* Liu Zige, CHN Jinan, CHN 10-21-09
American: 2:04.14p Mary DeScenza, USA Rome, ITA 07-30-09
U.S. Open: 2:05.96 Mary T. Meagher, Lakeside Brown Deer, WI 08-13-81

200 INDIVIDUAL MEDLEY

World: 2:06.15 Ariana Kukors, USA Rome, ITA 07-27-09
American: 2:06.15 Ariana Kukors, USA Rome, ITA 07-27-09
U.S. Open: 2:09.34 Julia Smit, Stanford Indianapolis, IN 07-07-09

400 INDIVIDUAL MEDLEY

World: 4:29.45 Stephanie Rice, AUS Beijing, CHN 08-10-08
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: 3:31.72 NED Rome, ITA 07-26-09
(Inge Dekker, Ranomi Kromowidjojo, Femke Heemskerk, Marleen Veldhuis)
American: 3:34.33 USA Beijing, CHN 08-10-08
(Natalie Coughlin, Lacey Nymeyer, Kara Lynn Joyce, Dara Torres)
U.S. Open: 3:37.67 AUS Irvine, CA 08-02-05
(Libby Lenton, Shayne Reese, Alice Mills, Jodie Henry)

800 FREESTYLE RELAY

World: 7:42.08 CHN Rome, ITA 07-30-09
(Yu Yang, Qian Wei Zhu, Jing, Liu, Jiaying Pang)
American: 7:42.56 USA Rome, ITA 07-30-09
(Dana Vollmer, Lacy Nymeyer, Ariana Kukors, Allison Schmitt)
U.S. Open: 7:59.87 USA Atlanta, GA 07-25-96
(Trina Jackson, Cristina Teuscher, Sheila Taormina, Jenny Thompson)

400 MEDLEY RELAY

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

World:	3:52.19	CHN	Rome, ITA	08-01-09
			<i>(Jing Zhao, Huijia Chen, Liuyang Jiao, Zhesi Li)</i>	
American:	3:53.30	USA	Beijing, CHN	08-17-08
			<i>(Natalie Coughlin Rebecca Soni, Christine Magnuson, Dara Torres)</i>	
U.S. Open:	3:58.93	AUS	Irvine, CA	08-02-05
			<i>(Giaan Rooney, Leisel Jones, Jessicah Schipper, Jodie Henry)</i>	

SHORT COURSE METERS—MEN

as of March 30, 2010

50 FREESTYLE

World:	20.30*	Roland Schoeman, RSA	Pietermaritzburg, RSA	08-08-09
American:	21.18	Nick Brunelli, Sun Devil	Tempe, AZ	12-11-05
U.S. Open:	21.10	Fred Bousquet, Auburn/FRA	East Meadow, NY	03-25-04

100 FREESTYLE

World:	44.94	Amaury Leveaux, FRA	Rijeka, CRO	12-13-08
American:	46.25	Ian Crocker, Texas	East Meadow, NY	03-27-04
U.S. Open:	46.25	Ian Crocker, Texas	East Meadow, NY	03-27-04

200 FREESTYLE

World:	1:39.37*	Paul Biedermann, GER	Berlin, GER	11-15-09
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:	3:32.77*	Paul Biedermann, GER	Berlin, GER	11-14-09
American:	3:34.81	Peter Vanderkaay, Club Wolverine	Tokyo, JPN	02-22-09
U.S. Open:	3:40.47	Ryk Neethling, Arizona/RSA	Minneapolis, MN	03-23-00

800 FREESTYLE

World:	7:23.42	Grant Hackett, AUS	Melbourne, AUS	07-19-08
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, MN	03-25-00
U.S. Open:	14:31.02	Erik Vendt, Southern Cal	Minneapolis, MN	03-25-00

50 BACKSTROKE

World:	22.61*	Peter Marshall, USA	Singapore, MAL	11-22-09
American:	22.87	Randall Bal, USA	Berlin, GER	11-16-08

100 BACKSTROKE

World:	48.94*	Nick Thoman, USA	Manchester, GBR	12-18-09
American:	49.64	Peter Marshall, USA	Berlin, GER	11-15-08
U.S. Open:	50.32	Peter Marshall, Stanford	East Meadow, NY	03-26-04

200 BACKSTROKE

World:	1:46.11*	Arkady Vyatchanin, RUS	Berlin, GER	11-15-09
American:	1:47.91	Ryan Lochte, USA	Manchester, GBR	04-13-08
U.S. Open:	1:50.52	Aaron Peirsol, USA	Indianapolis, IN	10-11-04

*: record pending
r: relay lead off split

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

50 BREASTSTROKE

World:	25.25*	Cameron van der Burgh, RSA	Berlin, GER	11-14-09
American:	26.28	Ed Moses, USA	Stockholm, SWE	01-22-02
U.S. Open:	26.60	Oleg Lisogor, UKR	East Meadow, NY	02-11-05

100 BREASTSTROKE

World:	55.61*	Cameron van der Burgh, RSA	Berlin, GER	11-15-09
American:	57.47	Ed Moses, USA	Stockholm, SWE	01-23-02
U.S. Open:	57.66	Ed Moses, Virginia	Minneapolis, MN	03-24-00

200 BREASTSTROKE

World:	2:00.67*	Daniel Gyurta, HUN	Istanbul, TUR	12-13-09
American:	2:02.92	Ed Moses, USA	Berlin, GER	01-17-04
U.S. Open:	2:04.61	Ed Moses, Curl-Burke	East Meadow, NY	01-30-04

50 BUTTERFLY

World:	21.80*	Steffen Deibler, GER	Berlin, GER	11-14-09
American:	22.71	Ian Crocker, USA	Indianapolis, IN	10-10-04
U.S. Open:	22.71	Ian Crocker, USA	Indianapolis, IN	10-10-04

100 BUTTERFLY

World:	48.48*	Evgeny Korotyshkin, RUS	Berlin, GER	11-15-09
American:	49.07	Ian Crocker, Texas	East Meadow, NY	03-26-04
U.S. Open:	49.07	Ian Crocker, Texas	East Meadow, NY	03-26-04

200 BUTTERFLY

World:	1:49.11*	Kaio Almeida, BRA	Stockholm, SWE	11-10-09
American:	1:52.26	Michael Phelps, USA	Berlin, GER	11-15-09
U.S. Open:	1:53.18	James Hickman, GBR	East Meadow, NY	11-23-02

100 INDIVIDUAL MEDLEY

World:	50.76*	Peter Mankoc, SLO	Istanbul, TUR	12-12-09
American:	51.15	Ryan Lochte, USA	Manchester, GBR	04-13-08
U.S. Open:	51.52	Ryk Neethling, RSA	East Meadow, NY	02-11-05

200 INDIVIDUAL MEDLEY

World:	1:51.55*	Darian Townsend, RSA	Berlin, GER	11-15-09
American:	1:51.56	Ryan Lochte, USA	Manchester, GBR	04-11-08
U.S. Open:	1:53.93	George Bovell, Auburn/TRI	East Meadow, NY	03-25-04

400 INDIVIDUAL MEDLEY

World:	3:57.27*	Laszlo Cseh, HUN	Istanbul, TUR	12-11-09
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:	1:22.38	FRA <i>(Amaury Leveaux, Alain Bernard, Fabien Gilot, Antoine Galavtine)</i>	Rijeka, CRO	12-14-08
American:	1:25.69	Stanford <i>(Ben Wildman-Tobriner, Peter Marshall, Andrew Schnell, Bobby O'Bryan)</i>	East Meadow, NY	03-25-04
U.S. Open:	1:23.75	Auburn <i>(George Bovell, Ryan Wochomurka, Derek Gibb, Fred Bousquet)</i>	East Meadow, NY	03-25-04

400 FREESTYLE RELAY

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

World:	3:03.30*	USA	Manchester, GBR	12-19-09
		<i>(Nathan Adrian, Matt Grevers, Garrett Weber-Gale, Michael Phelps)</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, NY	03-27-04
		<i>(George Bovell, Ryan WochoMurka, Derek Gibb, Fred Bousquet)</i>		

800 FREESTYLE RELAY

World:	6:51.05*	CAN	Leeds, GBR	08-07-09
		<i>(Colin Russell, Stefan Hirniak, Brent Hayden, Joel Greenshields)</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, NY	03-26-04
		<i>(Peter Vanderkaay, Davis Tarwater, Andrew Hurd, Dan Ketchum)</i>		

200 MEDLEY RELAY

World:	1:31.80*	RUS	Istanbul, TUR	12-10-09
		<i>(Stanislav Donets, Sergey Geybel, Evgeny Korotyshkin, Sergey Fesikov)</i>		
American:	1:34.58	Texas	East Meadow, NY	03-26-04
		<i>(Aaron Peirsol, Brendan Hansen, Ian Crocker, Garrett Weber-Gale)</i>		
U.S. Open:	1:34.25	Auburn	East Meadow, NY	03-26-04
		<i>(Doug Van Wie, Mark Gangloff, Fred Bousquet, Derek Gibb)</i>		

400 MEDLEY RELAY

World:	3:19.16*	RUS	St Petersburg, RUS	12-20-09
		<i>(Stanislav Donets, Sergey Geybel, Evgeny Korotyshkin, Danila Isotove)</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, IN	10-11-04
		<i>(Aaron Peirsol, Brendan Hansen, Ian Crocker, Jason Lezak)</i>		

SHORT COURSE METERS—WOMEN

as of March 30, 2010

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, TX	03-18-04

100 FREESTYLE

World:	51.01*	Libby Trickett, AUS	Hobart, AUS	08-10-09
American:	52.79	Dara Torres, USA	Berlin, GER	11-18-07
U.S. Open:	52.67	Libby Lenton, AUS	Indianapolis, IN	10-09-04

200 FREESTYLE

World:	1:51.17*s	Federica Pellegrini, ITA	Istanbul, TUR	12-13-09
American:	1:54.04	Lindsay Benko, USA	Moscow, RUS	04-07-02
U.S. Open:	1:54.64	Josefin Lillhage, SWE	East Meadow, NY	02-11-05

400 FREESTYLE

World:	3:54.92*	Joanne Jackson, GBR	Leeds, GBR	08-08-09
American:	3:59.53	Lindsay Benko, USA	Berlin, GER	01-26-03
U.S. Open:	4:01.36	Sachiko Yamada, JPN	East Meadow, NY	01-31-04

*: record pending
r: relay lead off split

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

800 FREESTYLE

World:	8:04.53	Alessia Filippi, ITA	Angers, FRA	12-12-08
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, NY	02-03-06

1500 FREESTYLE

World:	15:28.65*	Lotte Fris, DEN	Birkerod, DEN	11-28-09
American:	15:32.90	Kate Ziegler, The Fish	Essen, GER	10-12-07
U.S. Open:	15:43.31	Petra Schneider, GDR	Gainesville, FL	01-10-82

50 BACKSTROKE

World:	25.70*	Sanja Jovanovic, CRO	Istanbul, TUR	12-12-09
American:	27.08	Natalie Coughlin, Cal	East Meadow, NY	11-22-02
U.S. Open:	27.08	Natalie Coughlin, Cal	East Meadow, NY	11-22-02

100 BACKSTROKE

World:	55.23*	Shiho Sakai, JPN	Berlin, GER	11-15-09
American:	56.51	Natalie Coughlin, Cal	Singapore	10-28-07
U.S. Open:	56.71	Natalie Coughlin, Cal	East Meadow, NY	11-23-02

200 BACKSTROKE

World:	2:00.18*	Shiho Sakai, JPN	Berlin, GER	11-14-09
American:	2:03.62	Natalie Coughlin, Cal	East Meadow, NY	11-27-01
U.S. Open:	2:03.62	Natalie Coughlin, Cal	East Meadow, NY	11-27-01

50 BREASTSTROKE

World:	28.80*	Jessica Hardy, USA	Berlin, GER	11-15-09
American:	29.58	Jessica Hardy, USA	Manchester, GBR	04-10-08
U.S. Open:	30.01sf	Jade Edmestone, AUS	Indianapolis, IN	10-07-04

100 BREASTSTROKE

World:	1:02.70*	Rebecca Soni, USA	Manchester, GBR	12-19-09
American:	1:04.22	Jessica Hardy, USA	Manchester, GBR	04-11-08
U.S. Open:	1:04.30	Tara Kirk, Stanford	Austin, TX	03-09-08

200 BREASTSTROKE

World:	2:14.57*	Rebecca Soni, USA	Manchester, GBR	12-18-09
American:	2:20.70	Tara Kirk, Stanford	College Station, TX	03-20-04
U.S. Open:	2:20.70	Tara Kirk, Stanford	College Station, TX	03-20-04

50 BUTTERFLY

World:	24.38*	Therese Alshammar, SWE	Singapore, MAL	11-22-09
American:	25.70	Rachel Komisarz, USA	Manchester, GBR	04-11-08
U.S. Open:	25.74	Anna-Karin Kammerling, SWE	East Meadow, NY	11-23-02

100 BUTTERFLY

World:	55.05*	Diane Bui Duyet, FRA	Istanbul, TUR	12-12-09
American:	56.32	Rachel Komisarz, USA	Manchester, GBR	04-13-08
U.S. Open:	56.34	Natalie Coughlin, Cal	East Meadow, NY	11-22-02

200 BUTTERFLY

World:	2:00.78*	Liu Zige, CHN	Berlin, GER	11-15-09
American:	2:04.27	Mary Descenza, USA	Manchester, GBR	04-09-08
U.S. Open:	2:05.65	Mary T. Meagher, USA	Gainesville, FL	01-02-81

100 INDIVIDUAL MEDLEY

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

World:	57.74*	Hinkelien Schreuder, NED	Berlin, GER	11-15-09
American:	58.80	Natalie Coughlin, Cal	East Meadow, NY	11-23-02
U.S. Open:	58.80	Natalie Coughlin, Cal	East Meadow, NY	11-23-02

200 INDIVIDUAL MEDLEY

World:	2:04.60*	Julia Smit, USA	Manchester, GBR	12-19-09
American:	2:07.79	Allison Wagner, USA	Mallorca, ESP	12-05-93
U.S. Open:	2:08.11	Kaitlin Sandeno, Southern Cal	College Station, TX	03-18-04

400 INDIVIDUAL MEDLEY

World:	4:21.04*	Julia Smit, USA	Manchester, GBR	12-18-09
American:	4:25.87	Julia Smit, Stanford	Etobicoke, ONT	11-28-08
U.S. Open:	4:30.12	Kaitlin Sandeno, USA	Indianapolis, IN	10-07-04

200 FREESTYLE RELAY

World:	1:33.80	NED	Rijeka, CRO	12-12-08
		<i>(Hinkelien Schreuder, Inge Dekker, Ranomi Kromowidjojo, Marleen Veldhuis)</i>		
American:	1:37.27	Georgia	College Station, TX	03-18-04
		<i>(Kara Lynn Joyce, Neka Mabry, Paige Kearns, Andrea Georoff)</i>		
U.S. Open:	1:37.27	Georgia	College Station, TX	03-18-04
		<i>(Kara Lynn Joyce, Neka Mabry, Paige Kearns, Andrea Georoff)</i>		

400 FREESTYLE RELAY

World:	3:28.22	NED	Eindhoven, NED	12-09-08
		<i>(Hinkelien Schreuder, Inge Dekker, Ranomi Kromowidjojo, 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, IN	10-10-04
		<i>(Amanda Weir, Kara Lynn Joyce, Lindsay Benko, Jenny Thompson)</i>		

800 FREESTYLE RELAY

World:	7:38.90	NED	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, IN	10-07-04
		<i>(Dana Vollmer, Rachel Komisarz, Lindsay Benko, Kaitlin Sandeno)</i>		

200 MEDLEY RELAY

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

400 MEDLEY RELAY

World:	3:47.97*	USA	Manchester, GBR	12-18-09
		<i>(Margaret Hoelzer, Jessica Hardy, Dana Vollmer, Amanda Weir)</i>		
American:	3:51.36	USA	Manchester, GBR	04-11-08
		<i>(Margaret Hoelzer, Jessica Hardy, Rachel Komisarz, Kara Denby)</i>		
U.S. Open:	3:54.95	AUS	Indianapolis, IN	10-09-04

*: record pending
r: relay lead off split

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

(Sophie Edington, Brooke Hanson, Jessicah Schipper, Libby Lenton)

SHORT COURSE YARDS—MEN

as of March 30, 2010

50 FREESTYLE

American:	18:71	Nathan Adrian, Cal	College Station, TX	03-26-09
U.S. Open:	18.47r	Cesar Cielo, Auburn/BRA	Federal Way, WA	03-27-08
NCAA	18.47r	Cesar Cielo, Auburn/BRA	Federal Way, WA	03-27-08

100 FREESTYLE

American:	41.08	Nathan Adrian, Cal	College Station, TX	03-28-09
U.S. Open:	40.92	Cesar Cielo, Auburn/BRA	Federal Way, WA	03-29-08
NCAA	40.92	Cesar Cielo, Auburn	Federal Way, WA	03-29-08

200 FREESTYLE

American:	1:31.72r	David Walters, Texas	College Station, TX	03-27-09
U.S. Open:	1:31.20	Simon Burnett, Arizona/GBR	Atlanta, GA	03-24-06
NCAA	1:31.72r	David Walters, Texas	College Station, TX	03-27-09

500 FREESTYLE

American:	4:08.54	Peter Vanderkaay, Club Wolverine	Rochester, MI	02-09-08
U.S. Open:	4:08.54	Peter Vanderkaay, Club Wolverine	Rochester, MI	02-09-08
NCAA	4:08.60	Peter Vanderkaay, Michigan	Atlanta, GA	03-26-06

1000 FREESTYLE

American:	8:36.49	Erik Vendt, Club Wolverine	Long Beach, CA	01-18-08
U.S. Open:	8:36.49	Erik Vendt, Club Wolverine	Long Beach, CA	01-18-08
NCAA	8:44.11	Chris Thompson, Michigan	College Station, TX	03-24-01

1650 FREESTYLE

American:	14:26.62	Chris Thompson, Michigan	College Station, TX	03-24-01
U.S. Open:	14:26.62	Chris Thompson, Michigan	College Station, TX	03-24-01
NCAA	14:26.62	Chris Thompson, Michigan	College Station, TX	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
NCAA	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
NCAA	1:37.58	Tyler Clary, Michigan	College Station, TX	03-28-09

100 BREASTSTROKE

American:	51.56	Michael Alexandrov, Northwestern	Minneapolis, MN	03-15-07
U.S. Open:	50.86	Damir Dugonjic, Cal/SLO	College Station, TX	03-27-09
NCAA	50.86	Damir Dugonjic, Cal	College Station, TX	03-27-09

200 BREASTSTROKE

American:	1:51.74	Brendan Hansen, Longhorn	Austin, TX	03-03-06
U.S. Open:	1:51.40	Neil Versfeld, Georgia/RSA	College Station, TX	03-28-09
NCAA	1:51.40	Neil Versfeld, Georgia	College Station, TX	03-28-09

*: record pending
r: relay lead off split

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

100 BUTTERFLY

American:	44.18	Austin Staab, Stanford	College Station, TX	03-27-09
U.S. Open:	44.18	Austin Staab, Stanford	College Station, TX	03-27-09
NCAA	44.18	Austin Staab, Stanford	College Station, TX	03-27-09

200 BUTTERFLY

American:	1:39.65*	Michael Phelps, North Baltimore	Annapolis, MD	03-07-10
U.S. Open:	1:39.65*	Michael Phelps, North Baltimore	Annapolis, MD	03-07-10
NCAA	1:40.75	Shaune Fraser, Florida	College Station, TX	03-28-09

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
NCAA	1:40.49	Bradley Alley, Florida	College Station, TX	03-26-09

400 INDIVIDUAL MEDLEY

American:	3:35.98	Tyler Clary, Michigan	College Station, TX	03-27-09
U.S. Open:	3:35.98	Tyler Clary, Michigan	College Station, TX	03-27-09
NCAA	3:35.98	Tyler Clary, Michigan	College Station, TX	03-27-09

200 FREESTYLE RELAY

American:	1:15.90	Texas	College Station, TX	03-26-09
		<i>(Dave Walters, James Feigen, Scott Jostes, Ben Vanroekel)</i>		
U.S. Open:	1:14.08	Auburn	College Station, TX	03-26-09
		<i>(Jakob Andkjaer, Gideon Louw, Kohlton Norys, Matt Targett)</i>		
NCAA	1:14.08	Auburn	College Station, TX	03-26-09
		<i>(Jakob Andkjaer, Gideon Louw, Kohlton Norys, Matt Targett)</i>		

400 FREESTYLE RELAY

American	2:47.02	Texas	College Station, TX	03-28-09
		<i>(James Feigen, Ricky Berens, Peter Jameson, Dave Walters)</i>		
U.S. Open:	2:46.03	Auburn	Auburn, AL	02-21-09
		<i>(Jakob Andkjaer, Gideon Louw, Kohlton Norys, Matt Targett)</i>		
NCAA	2:46.03	Auburn	Auburn, AL	02-21-09
		<i>(Jakob Andkjaer, Gideon Louw, Kohlton Norys, Matt Targett)</i>		

800 FREESTYLE RELAY

American:	6:10.16	Texas	College Station, TX	03-27-09
		<i>(Dave Walters, Ricky Berens,, Scott Jostes, Michael Klueh)</i>		
U.S. Open:	6:10.16	Texas	College Station, TX	03-27-09
		<i>(Dave Walters, Ricky Berens,, Scott Jostes, Michael Klueh)</i>		
NCAA	6:10.16	Texas	College Station, TX	03-27-09
		<i>(Dave Walters, Ricky Berens,, Scott Jostes, Michael Klueh)</i>		

200 MEDLEY RELAY

American:	1:24.00	Longhorn	Austin, TX	03-02-06
		<i>(Aaron Peirsol, Brendan Hansen, Ian Crocker, Neil Walker)</i>		
U.S. Open:	1:22.36	Auburn	College Station, TX	03-27-09
		<i>(Jared White, Michael Silva, Matt Targett, Gideon Louw)</i>		
NCAA	1:22.36	Auburn	College Station, TX	03-27-09
		<i>(Jared White, Michael Silva, Matt Targett, Gideon Louw)</i>		

400 MEDLEY RELAY

American:	3:01.91	Stanford	College Station, TX	03-26-09
		<i>(Eugene Godsoe, Paul Kornfeld, Austin Staab, Alex Coville)</i>		
U.S. Open:	3:01.39	Auburn	College Station, TX	03-26-09

*: record pending
r: relay lead off split

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

NCAA 3:01.39 *(Pascal Wollach, Adam Klein, Tyler McGill, Matt Targett)*
 Auburn College Station, TX 03-26-09
(Pascal Wollach, Adam Klein, Tyler McGill, Matt Targett)

SHORT COURSE YARDS—WOMEN

as of March 30, 2010

50 FREESTYLE

American: 21.27 Lara Jackson, Arizona College Station, TX 03-19-09
 U.S. Open: 21.27 Lara Jackson, Arizona College Station, TX 03-19-09
 NCAA 21.27 Lara Jackson, Arizona College Station, TX 03-19-09

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
 NCAA 47.00 Natalie Coughlin, Cal Auburn, AL 03-23-03

200 FREESTYLE

American: 1:41.53 Dana Vollmer, Cal Federal Way, WA 02-25-09
 U.S. Open: 1:41.53 Dana Vollmer, Cal Federal Way, WA 02-25-09
 NCAA 1:41.53 Dana Vollmer, Cal Federal Way, WA 02-25-09

500 FREESTYLE

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
 NCAA 4:33.60 Caroline Burkle, Florida Columbus, OH 03-20-08

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
 NCAA 9:29.49 Janet Evans, Stanford Austin, TX 03-17-90

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
 NCAA 15:39.14 Janet Evans, Stanford Austin, TX 03-17-90

100 BACKSTROKE

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

200 BACKSTROKE

American: 1:49.52 Natalie Coughlin, Cal Austin, TX 03-23-02
 U.S. Open: 1:48.34 Gemma Spofforth, Florida/GBR Auburn, AL 02-21-09
 NCAA 1:48.34 Gemma Spofforth, Florida Auburn, AL 02-21-09

100 BREASTSTROKE

American: 57.77 Tara Kirk, Palo Alto Stanford Austin, TX 03-04-06
 U.S. Open: 57.77 Tara Kirk, Palo Alto Stanford Austin, TX 03-04-06
 NCAA 58.06 Annie Chandler, Arizona West Lafayette, IN 03-19-10

200 BREASTSTROKE

American: 2:04.75 Rebecca Soni, Southern Cal Federal Way, WA 02-28-09

*: record pending
 r: relay lead off split

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

U.S. Open:	2:04.75	Rebecca Soni, Southern Cal	Federal Way, WA	02-28-09
NCAA	2:04.75	Rebecca Soni, Southern Cal	Federal Way, WA	02-28-09

100 BUTTERFLY

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

200 BUTTERFLY

American:	1:49.92	Elaine Breeden, Stanford	Federal Way, WA	02-28-09
U.S. Open:	1:49.92	Elaine Breeden, Stanford	Federal Way, WA	02-28-09
NCAA	1:49.92	Elaine Breeden, Stanford	Federal Way, WA	02-28-09

200 INDIVIDUAL MEDLEY

American:	1:52.31*	Julia Smit, Stanford	Long Beach, CA	02-25-10
U.S. Open:	1:52.31*	Julia Smit, Stanford	Long Beach, CA	02-25-10
NCAA	1:52.31	Julia Smit, Stanford	Long Beach, CA	02-25-10

400 INDIVIDUAL MEDLEY

American:	3:58.23*	Julia Smit, Stanford	Long Beach, CA	02-26-10
U.S. Open:	3:58.23*	Julia Smit, Stanford	Long Beach, CA	02-26-10
NCAA	3:58.23	Julia Smit, Stanford	Long Beach, CA	02-26-10

200 FREESTYLE RELAY

American:	1:26.20	Arizona	College Station, TX	03-19-09
		<i>(Lara Jackson, Lindsey Kelly, Justine Schluntz, Taylor Baughman)</i>		
U.S. Open:	1:26.20	Arizona	College Station, TX	03-19-09
		<i>(Lara Jackson, Lindsey Kelly, Justine Schluntz, Taylor Baughman)</i>		
NCAA	1:26.20	Arizona	College Station, TX	03-19-09
		<i>(Lara Jackson, Lindsey Kelly, Justine Schluntz, Taylor Baughman)</i>		

400 FREESTYLE RELAY

American:	3:11.14	Stanford	College Station, TX	03-21-09
		<i>(Kate Dwellley, Samantha Woodward, Elaine Breeden, Julia Smit)</i>		
U.S. Open:	3:09.88	California	College Station, TX	03-21-09
		<i>(Hannah Wilson, Liv Jensen, Erica Daag, Dana Vollmer)</i>		
NCAA	3:09.88	California	College Station, TX	03-21-09
		<i>(Hannah Wilson, Liv Jensen, Erica Daag, Dana Vollmer)</i>		

800 FREESTYLE RELAY

American:	6:54.02	Auburn	Auburn, AL	02-18-09
		<i>(Ava Ohlgren, Caitlin Geary, Melissa Marek, Maggie Bird)</i>		
U.S. Open:	6:52.69	California	College Station, TX	03-20-09
		<i>(Sara Isakovic, Hannah Wilson, Liv Jensen, Dana Vollmer)</i>		
NCAA	6:52.69	California	College Station, TX	03-20-09
		<i>(Sara Isakovic, Hannah Wilson, Liv Jensen, Dana Vollmer)</i>		

200 MEDLEY RELAY

American:	1:35.29	Arizona	Columbus, OH	03-21-08
		<i>(Hailey DeGolia, Annie Chandler, Lara Jackson, Anna Turner)</i>		
U.S. Open:	1:35.29	Arizona	Columbus, OH	03-21-08
		<i>(Hailey DeGolia, Annie Chandler, Lara Jackson, Anna Turner)</i>		
NCAA	1:35.29	Arizona	Columbus, OH	03-21-08
		<i>(Hailey DeGolia, Annie Chandler, Lara Jackson, Anna Turner)</i>		

400 MEDLEY RELAY

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

American:	3:28.31	Arizona	College Station, TX	03-20-09
		<i>(Ana Agy, Annie Chandler, Lara Jackson, Justine Schluntz)</i>		
U.S. Open:	3:28.31	Arizona	College Station, TX	03-20-09
		<i>(Ana Agy, Annie Chandler, Lara Jackson, Justine Schluntz)</i>		
NCAA	3:28.31	Arizona	College Station, TX	03-20-09
		<i>(Ana Agy, Annie Chandler, Lara Jackson, Justine Schluntz)</i>		

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