

							%	PB
								508
	, 2007 (17)							2
50m		26.	28.99	453	29.00		100%	
200m		4.	2:18.53	557	2:19.01		101%	
	, 2012 (12)							-
100m		WDR		-	1:15.00		-	
200m		WDR		-	3:13.00		-	
	, 2008 (16)							-
100m		19.	57.43	543	56.70		97%	
200m		14.	2:34.59	379	2:24.00		87%	
	, 2011 (13)							1
50m		36.	43.73	156	42.50		94%	
100m		11.	1:31.18	242	1:32.00		102%	
	, 2009 (15)							1
200m		3.	2:38.03	355	2:40.50		103%	
	, 2006 (18)							-
100m		7.	1:11.68	499	1:09.00		93%	
200m		7.	2:19.92	540	2:15.00		93%	
	, 2011 (13)							2
100m		10.	1:07.53	334	1:07.54		100%	
200m		7.	2:43.13	322	2:46.03		104%	
	, 2010 (14)							1
100m		19.	1:34.06	221	1:25.00		82%	
200m		31.	3:11.22	211	3:20.00		109%	
	, 2012 (12)							-
100m		WDR		-	1:12.40		-	
200m		WDR		-	3:29.90		-	
	, 2009 (15)							2
100m		1.	1:00.84	613	1:01.79		103%	
50m		1.	30.27	525	30.50		102%	
	, 2008 (16)							2
100m		18.	1:08.91	422	1:10.79		106%	
50m		16.	34.96	341	35.20		101%	
	, 2009 (15)							1
100m		12.	1:02.40	423	1:04.00		105%	
	, 2014 (10)							1
50m		8.	42.99	243	42.56		98%	
100m		2.	1:41.84	249	1:40.50		97%	
200m		7.	3:22.01	243	3:26.50		104%	
	, 1989 (35)							-
50m		1.	31.96	593	31.60		98%	
200m		1.	2:38.45	469	2:33.00		93%	
	, 2013 (11)							-
50m		16.	36.41	302	36.00		98%	
200m		4.	3:19.36	228	3:10.00		91%	
	, 2008 (16)							-
100m		4.	1:10.76	519	1:10.00		98%	
	, 2008 (16)							-
100m		22.	1:36.61	153	1:30.00		87%	
50m		15.	52.69	132	40.00		58%	
	, 2011 (13)							-
100m		1.	1:01.47	443	59.75		94%	
50m		1.	29.53	428	29.50		100%	



200m	, 2011 (13)	27.	2:53.74	382	2:51.17	97%	-
100m	, 2008 (16)	37.	1:00.91	455	58.70	93%	-
100m	, 2007 (17)	9.	56.30	576	56.00	99%	-
100m	, 2011 (13)	58.	1:22.63	245	1:22.00	98%	1
50m		16.	41.34	274	44.50	116%	
50m	, 2009 (15)	9.	31.14	365	31.00	99%	1
200m		9.	2:31.52	425	2:34.00	103%	
100m	, 2005 (19)	WDR		-	1:11.23	-	-
50m	, 2012 (12)	15.	33.08	305	33.50	103%	2
200m		2.	2:43.94	304	2:50.00	108%	
50m	, 2008 (16)	22.	35.47	292	32.00	81%	-
100m		15.	1:16.84	405	1:15.00	95%	
100m	, 2012 (12)	4.	1:24.86	301	1:24.00	98%	1
200m		21.	2:52.76	287	2:56.00	104%	
100m	, 2009 (15)	43.	1:16.28	231	1:17.00	102%	1
50m		24.	42.18	147	39.00	85%	
100m	, 2010 (14)	20.	1:10.38	396	1:06.50	89%	-
50m		17.	35.22	333	35.00	99%	
50m	, 2013 (11)	48.	43.03	138	43.00	100%	-
200m		39.	3:07.87	223	3:06.00	98%	-
100m	, 2005 (19)	10.	1:09.71	303	1:09.00	98%	-
100m		5.	1:27.20	277	1:24.50	94%	
100m	, 2008 (16)	50.	1:08.14	325	1:20.00	138%	2
50m		45.	35.63	244	40.00	126%	
200m	, 2012 (12)	23.	3:06.80	215	3:10.00	103%	1
200m	, 2003 (21)	1.	2:07.52	714	2:10.00	104%	1
200m	, 2015 (9)	9.	1:26.34	159	1:28.00	104%	2
100m		3.	3:10.64	202	3:12.00	101%	
50m		12.	47.60	102	45.00	89%	
200m	, 2007 (17)	7.	2:45.22	414	2:38.00	91%	-
200m		3.	2:32.38	566	2:32.00	100%	
100m	, 2011 (13)	50.	1:19.43	275	1:19.15	99%	1
50m		13.	39.83	306	43.00	117%	
50m	, 2003 (21)	1.	29.63	502	28.90	95%	-
200m		3.	2:22.61	510	2:18.55	94%	
50m	, 2011 (13)	9.	34.65	350	32.00	85%	1
200m		1.	2:55.03	337	2:57.00	102%	



100m	, 2008 (16)	15.	56.92	557	55.29	94%	-
100m	, 2012 (12)	51.	1:19.77	272	1:10.00	77%	-
50m		23.	37.00	287	30.00	66%	-
100m	, 2012 (12)	9.	1:06.30	474	1:05.50	98%	-
100m		4.	1:22.68	466	1:19.50	92%	-
200m		4.	2:39.82	491	2:39.50	100%	-
100m	, 2009 (15)	9.	59.96	477	58.70	96%	-
100m		15.	1:23.65	314	1:15.00	80%	-
100m	, 2009 (15)						-
200m		WDR		-	1:02.00	-	-
200m		WDR		-	2:34.00	-	-
100m	- , 2008 (16)	7.	56.18	580	55.77	99%	-
50m		9.	27.15	551	26.68	97%	-
100m	, 2013 (11)	69.	1:24.67	169	1:30.00	113%	2
50m		28.	42.18	174	45.00	114%	-
100m	, 2014 (10)	1.	1:17.43	221	1:15.71	96%	-
100m	, 2011 (13)	5.	36.06	278	36.02	100%	1
200m		9.	2:45.93	306	2:55.15	111%	-
50m	, 2012 (12)	27.	42.14	174	39.00	86%	-
200m		26.	3:11.62	199	2:59.00	87%	-
100m	, 2012 (12)	16.	1:10.18	297	1:10.00	99%	-
50m		34.	37.52	209	36.50	95%	-
100m	, 2013 (11)	60.	1:21.22	192	1:27.00	115%	2
50m		30.	42.38	171	43.00	103%	-
100m	, 2011 (13)	52.	1:19.10	207	1:25.00	115%	2
50m		18.	39.17	217	43.00	121%	-
200m	, 2010 (14)	4.	2:39.06	348	2:39.00	100%	-
100m	, 2013 (11)	39.	1:15.14	325	1:20.19	114%	2
200m		9.	3:01.74	311	3:03.14	102%	-
200m	, 2009 (15)	32.	3:41.97	135	3:33.00	92%	-
100m	, 2012 (12)	15.	1:09.48	306	1:07.00	93%	-
200m		11.	2:48.29	294	2:25.00	74%	-
100m	, 2010 (14)	5.	1:02.02	579	1:02.02	100%	-
50m		2.	30.49	514	30.33	99%	-
50m	, 2008 (16)	35.	29.71	421	28.30	91%	-
100m	, 2012 (12)	37.	2:00.16	106	1:56.00	93%	1
50m		57.	54.51	68	59.00	117%	-
100m	, 2013 (11)	89.	1:34.97	120	1:23.00	76%	-



50m	, 2014 (10)	17.	49.86	105	51.00	105%	2
50m		17.	55.58	64	59.00	113%	
50m	, 2009 (15)	10.	38.56	227	39.50	105%	2
200m		28.	3:06.36	228	3:19.00	114%	
100m	, 2010 (14)	12.	1:06.86	462	1:06.40	99%	1
200m		10.	2:50.16	407	2:51.00	101%	
100m	, 2013 (11)	22.	1:41.75	250	1:40.00	97%	-
50m	, 2014 (10)	11.	47.24	123	1:01.80	171%	1
100m	, 2011 (13)	50.	1:18.51	212	1:33.50	142%	2
50m		33.	42.83	166	47.00	120%	
100m	, 1990 (34)	4.	1:20.23	356	1:22.00	104%	1
50m		14.	37.07	216	36.00	94%	
100m	, 2009 (15)	38.	1:13.55	258	1:14.00	101%	1
50m		18.	34.46	269	34.30	99%	
100m	, 2014 (10)	13.	1:28.38	149	1:30.00	104%	1
100m		11.	2:00.55	105	1:51.00	85%	
100m	, 2008 (16)	34.	59.92	478	59.00	97%	-
100m	, 2006 (18)	12.	56.56	568	55.70	97%	-
100m	, 2011 (13)	46.	1:17.20	223	1:15.00	94%	-
100m	, 2011 (13)	34.	1:13.76	344	1:10.00	90%	-
50m	, 2007 (17)	2.	31.71	607	31.40	98%	-
200m		1.	2:21.21	663	2:19.93	98%	
50m	, 2011 (13)	4.	35.02	304	35.00	100%	1
50m		26.	35.95	237	37.00	106%	
100m	, 2012 (12)	51.	1:18.75	210	1:18.00	98%	-
200m	, 2007 (17)	3.	2:16.15	532	2:16.50	101%	1
100m	, 2010 (14)	15.	1:07.81	443	1:06.00	95%	-
100m		3.	1:21.82	481	1:20.00	96%	
100m	, 2008 (16)	17.	1:08.82	424	1:10.22	104%	2
100m		13.	1:29.18	371	1:30.02	102%	
50m	, 2010 (14)	4.	30.96	491	30.00	94%	-
200m		1.	2:33.04	559	2:31.70	98%	
100m	, 2012 (12)	61.	1:25.18	223	1:18.00	84%	-
50m		18.	43.45	236	42.00	93%	
100m		28.	1:43.67	236	1:41.00	95%	
50m	, 2004 (20)	1.	25.52	664	26.00	104%	1
200m		1.	2:11.76	587	2:07.00	93%	



50m	.., 2006 (18)	3.	32.31	574	31.50	95%	-
100m		2.	1:13.92	652	1:12.90	97%	
200m	, 2009 (15)	3.	2:38.24	471	2:42.00	105%	1
100m		7.	1:33.23	325	1:28.00	89%	
100m	, 2014 (10)	2.	1:17.20	300	1:18.67	104%	2
50m		1.	39.54	313	40.23	104%	
200m		4.	3:12.35	281	3:10.15	98%	
100m	, 2011 (13)	39.	1:15.90	235	1:19.30	109%	2
200m		24.	3:09.69	205	3:13.10	104%	
100m	, 2007 (17)	16.	1:06.98	460	1:04.00	91%	-
50m		3.	30.03	538	29.60	97%	
50m	, 2012 (12)	15.	39.01	220	40.00	105%	1
200m		22.	3:05.34	220	2:59.00	93%	
100m	, 2008 (16)	11.	56.51	570	54.50	93%	-
100m	, 2014 (10)	10.	45.61	204	45.00	97%	-
200m		6.	3:26.16	213	3:17.00	91%	
200m	, 2011 (13)	46.	3:15.17	269	3:20.40	105%	1
50m	, 2010 (14)	3.	31.40	421	30.50	94%	-
50m	, 2012 (12)	48.	49.98	104	45.40	83%	1
200m		53.	3:55.99	112	4:00.10	104%	
100m	, 2014 (10)	7.	1:51.10	134	1:46.00	91%	-
50m		7.	42.72	141	42.00	97%	
100m	, 2012 (12)	8.	1:28.17	268	1:29.05	102%	1
50m	, 2011 (13)	9.	36.86	386	37.40	103%	2
200m		23.	2:52.23	392	3:15.10	128%	
50m	, 2014 (10)	27.	56.22	109	57.20	104%	1
200m		1.	5:17.29	56	5:02.00	91%	
50m	, 2012 (12)	40.	49.10	123	42.00	73%	-
200m		58.	3:45.37	175	3:30.00	87%	
100m	, 2013 (11)	78.	1:26.46	159	1:21.00	88%	-
50m		43.	46.02	134	43.00	87%	
100m	, 2009 (15)	20.	1:35.38	212	1:30.00	89%	1
200m		22.	2:54.97	276	3:00.00	106%	
100m	, 2007 (17)	36.	1:00.58	462	58.70	94%	-
50m		34.	29.62	425	27.90	89%	
50m	, 1990 (34)	5.	34.24	325	31.00	82%	-
100m		3.	1:16.40	412	1:15.00	96%	
200m	, 2008 (16)	12.	2:24.95	486	2:25.00	100%	1



100m	, 2008 (16)	20.	1:11.56	377	1:12.00	101%	1
50m		12.	38.09	350	37.50	97%	
100m	, 2009 (15)	8.	1:17.34	397	1:15.00	94%	-
100m	, 2011 (13)	27.	1:12.92	356	1:10.00	92%	-
200m		45.	3:14.31	273	2:55.00	81%	-
100m	, 2011 (13)	WDR		-	1:10.00	-	-
200m		WDR		-	2:55.00	-	-
100m	, 2009 (15)	3.	57.66	536	59.00	105%	2
50m		4.	28.34	485	30.00	112%	
100m	, 2012 (12)	46.	1:16.92	303	1:20.69	110%	2
50m		36.	42.69	187	46.00	116%	
50m	, 2008 (16)	5.	30.83	497	30.92	101%	1
50m	, 2007 (17)	17.	27.86	510	25.50	84%	-
100m	, 2010 (14)	10.	1:37.16	287	1:34.00	94%	1
200m		13.	3:01.49	335	3:03.00	102%	
100m	, 2010 (14)	42.	1:15.29	241	1:16.00	102%	1
100m	, 2010 (14)	18.	1:10.03	402	1:12.00	106%	1
200m		5.	3:18.45	231	3:10.00	92%	
200m		14.	3:01.62	334	2:57.00	95%	
100m	, 2014 (10)	11.	1:26.70	157	1:37.00	125%	1
50m		15.	49.88	88	48.00	93%	
50m	, 2010 (14)	5.	33.98	332	36.55	116%	1
100m		17.	1:26.96	279	1:23.50	92%	
50m	, 2007 (17)	21.	28.05	500	26.30	88%	-
200m		14.	2:26.26	473	2:20.00	92%	
100m	, 2008 (16)	15.	1:06.36	473	1:06.00	99%	1
50m		15.	33.03	404	33.50	103%	
100m	, 2014 (10)	4.	1:20.73	262	1:18.00	93%	-
200m		8.	3:22.84	240	3:20.00	97%	
100m	, 2014 (10)	14.	1:29.18	145	1:28.59	99%	1
50m		4.	42.27	146	43.23	105%	
100m	, 2008 (16)	18.	57.42	543	55.60	94%	-
100m	, 2008 (16)	17.	57.01	555	56.80	99%	1
50m		13.	27.35	539	28.00	105%	
100m	, 2013 (11)	25.	1:40.38	181	1:35.00	90%	-
50m		41.	40.11	171	36.00	81%	
50m	, 2009 (15)	5.	28.83	460	29.35	104%	1



50m	, 2014 (10)	25.	52.79	131	49.50	88%	-
100m		10.	2:05.16	134	2:00.00	92%	
50m	, 2008 (16)	20.	28.02	502	29.00	107%	1
200m		10.	2:22.64	510	2:19.50	96%	
100m	, 2011 (13)	6.	1:05.09	373	1:05.00	100%	1
50m		16.	33.12	304	33.50	102%	
100m	, 2015 (9)	18.	1:33.04	127	1:30.00	94%	-
50m		10.	46.92	126	45.00	92%	
100m		10.	2:00.47	105	2:00.00	99%	
50m		13.	49.57	90	45.00	82%	
100m	, 2011 (13)	8.	1:07.05	341	1:09.00	106%	2
50m		9.	36.38	271	40.00	121%	
50m	, 2014 (10)	17.	48.08	174	47.90	99%	1
200m		14.	3:55.56	153	4:09.00	112%	
100m	, 2006 (18)	20.	57.61	538	55.12	92%	-
100m		1.	1:05.09	667	1:04.00	97%	
50m		15.	27.75	516	26.10	88%	
100m	, 2006 (18)	3.	55.01	618	54.70	99%	-
50m		8.	27.06	557	27.00	100%	
100m	, 2012 (12)	WDR		-	1:10.67	-	-
50m		WDR		-	37.00	-	
100m	, 2008 (16)	14.	1:05.91	482	1:05.00	97%	-
50m		8.	31.40	470	31.00	97%	
100m	, 2013 (11)	44.	1:15.56	320	1:15.00	99%	-
100m		18.	1:39.13	270	1:31.50	85%	
200m	, 2011 (13)	4.	2:47.11	400	2:38.00	89%	-
50m	, 2008 (16)	18.	32.32	386	30.53	89%	-
200m		12.	2:29.66	418	2:22.94	91%	
100m	, 2014 (10)	12.	1:27.78	152	1:24.00	92%	-
50m		16.	50.26	86	49.55	97%	
100m	, 2012 (12)	8.	1:29.31	370	1:29.30	100%	-
50m	, 2008 (16)	9.	34.19	484	35.00	105%	1
50m		4.	30.38	520	29.40	94%	
100m	, 2007 (17)	4.	55.39	605	55.70	101%	1
100m	, 2011 (13)	2.	1:23.31	318	1:22.50	98%	-
200m		8.	2:38.50	372	2:36.50	97%	
100m	, 2013 (11)	55.	1:21.63	254	1:25.00	108%	1
100m		29.	1:44.10	233	1:42.00	96%	
50m	, 2012 (12)	29.	36.20	232	39.00	116%	2
200m		38.	3:06.64	227	3:15.00	109%	



100m	, 2013 (11)	84.	1:29.17	145	1:30.00	102%	1
200m	, 2008 (16)	5.	2:20.50	505	2:16.00	94%	-
100m	, 2015 (9)	20.	2:04.77	71	1:55.00	85%	-
50m		24.	52.55	133	50.00	91%	
100m	, 2011 (13)	35.	1:13.83	343	1:50.00	222%	1
100m	, 2012 (12)	24.	1:42.24	246	1:41.00	98%	-
50m		42.	54.64	89	54.00	98%	
100m	, 2013 (11)	30.	1:13.15	353	1:16.18	108%	1
100m		11.	1:31.97	339	1:28.60	93%	
50m	, 2006 (18)	11.	30.26	471	28.50	89%	1
100m		6.	1:11.47	504	1:12.50	103%	
100m	, 2007 (17)	38.	1:00.98	453	1:01.00	100%	1
100m		17.	1:25.12	298	1:20.00	88%	
100m	, 2008 (16)	3.	1:14.12	647	1:14.77	102%	1
50m		14.	32.92	408	32.00	94%	
50m	, 2010 (14)	8.	30.26	398	30.00	98%	-
200m		7.	2:29.18	446	2:29.00	100%	
100m	, 2007 (17)	29.	59.20	495	59.00	99%	-
100m	, 2014 (10)	17.	1:46.60	114	1:45.00	97%	-
50m		21.	50.37	151	50.00	99%	
50m	, 2005 (19)	3.	29.86	490	28.50	91%	-
50m		11.	28.34	485	28.00	98%	
50m	, 2010 (14)	3.	35.01	451	35.67	104%	2
200m		2.	2:37.76	475	2:45.01	109%	
50m	, 2007 (17)	9.	30.16	476	28.35	88%	-
50m	, 2012 (12)	2.	29.61	425	29.53	99%	1
200m		4.	2:32.82	415	2:34.31	102%	
100m	, 2009 (15)	27.	1:07.94	328	1:10.00	106%	1
50m		17.	34.42	270	34.00	98%	
200m	, 2013 (11)	WDR		-	3:40.00	-	-
100m	, 2012 (12)	28.	1:12.81	266	1:12.73	100%	-
50m		37.	37.72	205	34.50	84%	
200m	, 2009 (15)	2.	2:33.41	388	2:18.00	81%	1
200m		4.	2:21.94	518	2:24.00	103%	
100m	, 2007 (17)	48.	1:06.93	343	1:12.90	119%	1
50m		32.	29.30	439	28.00	91%	



50m	, 2014 (10),	9.	43.34	238	45.07	108%	2
200m		6.	3:21.48	245	3:51.24	132%	
100m	, 2006 (18),	10.	1:22.42	471	1:16.40	86%	-
200m	, 2013 (11),	11.	3:20.90	230	3:16.00	95%	1
200m		50.	3:17.96	258	3:20.00	102%	
100m	, 2013 (11),	52.	1:19.80	272	1:17.30	94%	1
100m		20.	1:39.79	265	1:40.30	101%	
100m	, 2012 (12),	6.	1:05.66	488	1:06.32	102%	1
100m	, 2007 (17),	19.	1:09.13	418	1:07.00	94%	-
50m		10.	35.49	433	34.00	92%	-
200m	, 2006 (18),	15.	3:03.54	226	2:51.00	87%	-
100m	, 2007 (17),	16.	56.98	556	55.50	95%	-
100m	, 2008 (16),	2.	1:00.57	622	1:00.50	100%	-
200m		4.	2:33.76	551	2:29.00	94%	-
100m	, 2011 (13),	13.	1:07.60	447	1:07.25	99%	1
200m		17.	2:49.46	412	2:50.00	101%	
50m	, 2013 (11),	49.	50.07	104	51.94	108%	1
100m	, 2014 (10),	21.	1:36.58	114	1:40.00	107%	1
50m		14.	47.79	119	44.40	86%	
100m	, 2014 (10),	27.	1:43.15	93	1:45.00	104%	2
100m		13.	2:09.45	84	2:10.00	101%	
100m	, 2013 (11),	91.	1:37.54	110	1:38.39	102%	1
50m		47.	47.87	119	43.30	82%	
100m	, 2010 (14),	23.	1:07.16	339	59.00	77%	-
50m		4.	32.36	385	30.00	86%	-
50m	, 2011 (13),	10.	37.24	252	33.00	79%	-
200m		10.	2:48.28	294	2:40.00	90%	-
50m	, 2012 (12),	15.	35.96	313	34.00	89%	-
200m		31.	2:58.00	355	2:54.00	96%	-
100m	, 2012 (12),	81.	1:28.23	149	1:26.00	95%	-
100m		16.	1:37.16	200	1:35.00	96%	-
100m	, 2012 (12),	25.	1:12.56	269	1:10.00	93%	-
200m		20.	2:59.85	240	2:50.00	89%	-
100m	, 2005 (19),	8.	56.95	557	55.35	94%	-
50m		6.	27.41	536	26.70	95%	-
50m	, 2013 (11),	46.	42.20	146	44.00	109%	1
200m		44.	3:10.34	214	3:07.65	97%	



	, 2015 (9)								2
100m		9.	1:29.75	191	1:40.00			124%	
50m		13.	46.94	187	50.00			113%	
	, 2010 (14)								1
50m		6.	31.46	468	31.90			103%	
200m		1.	2:39.13	448	2:38.00			99%	
	, 2011 (13)								-
100m		80.	1:28.18	150	1:24.00			91%	
100m		32.	1:49.16	141	1:40.00			84%	
	, 2013 (11)								-
50m		37.	43.49	177	41.00			89%	
200m		43.	3:10.26	291	3:02.00			92%	
	, 2008 (16)								2
50m		38.	29.93	411	30.00			100%	
200m		19.	2:38.83	369	2:42.00			104%	
	, 2013 (11)								-
100m		47.	1:17.29	299	1:16.00			97%	
50m		26.	38.03	265	36.00			90%	
	, 2012 (12)								2
100m		36.	1:14.43	335	1:15.02			102%	
200m		44.	3:12.89	279	3:26.92			115%	
	, 2011 (13)								-
100m		19.	1:39.34	269	1:35.00			91%	
200m		33.	3:01.45	335	2:59.50			98%	
	, 2012 (12)								-
50m		22.	36.90	290	35.00			90%	
200m		30.	2:56.43	365	2:56.00			100%	
	, 2013 (11)								2
100m		67.	1:33.93	166	1:55.00			150%	
100m		35.	1:56.31	167	2:18.00			141%	
	, 2011 (13)								-
100m		WDR		-	1:32.00			-	
	, 2011 (13)								-
100m		63.	1:21.87	187	1:21.00			98%	
200m		42.	3:08.59	220	3:07.00			98%	
	, 2014 (10)								2
50m		4.	39.25	241	41.12			110%	
200m		3.	3:07.89	302	3:11.16			104%	
	, 2011 (13)								2
100m		2.	1:01.96	432	1:05.00			110%	
50m		9.	31.89	340	31.50			98%	
200m		11.	2:43.75	337	2:55.00			114%	
	, 2003 (21)								-
50m		2.	29.79	494	29.00			95%	
	, 2006 (18)								-
50m		22.	28.09	498	26.50			89%	
200m		8.	2:20.49	534	2:16.80			95%	
	, 2015 (9)								1
100m		28.	1:44.87	89	2:00.00			131%	
50m		27.	58.19	66	55.00			89%	
50m		18.	1:00.24	50	1:00.03			99%	
	, 2007 (17)								1
100m		9.	1:12.72	478	1:13.80			103%	
	, 2009 (15)								-
100m		11.	1:06.67	466	1:06.00			98%	
200m		7.	2:48.00	423	2:46.00			98%	
	, 2012 (12)								-
50m		27.	36.03	236	34.00			89%	



50m	, 2010 (14)	20.	38.08	264	35.30	86%	-
200m	, 2006 (18)	3.	2:29.12	563	2:25.00	95%	1
200m		1.	2:27.07	630	2:28.00	101%	-
50m	, 2007 (17)	7.	33.13	532	32.00	93%	-
200m		6.	2:37.35	479	2:29.00	90%	1
100m	, 2009 (15)	5.	58.50	513	59.00	102%	-
100m	, 2010 (14)	31.	1:09.60	305	1:09.00	98%	-
100m		22.	1:40.77	179	1:35.00	89%	2
100m	, 2011 (13)	71.	1:25.09	167	1:26.35	103%	-
50m		21.	39.70	208	41.22	108%	1
100m	, 2011 (13)	56.	1:21.75	253	1:17.77	91%	-
50m		11.	37.40	370	38.31	105%	1
100m	, 2013 (11)	48.	1:17.85	218	1:13.58	89%	-
50m		13.	38.22	233	38.79	103%	1
100m	, 2011 (13)	18.	1:10.63	292	1:09.00	95%	-
200m		20.	2:52.52	288	3:10.10	121%	2
100m	, 2009 (15)	6.	58.81	505	58.50	99%	-
100m	, 2014 (10)	8.	1:25.41	221	1:27.89	106%	2
200m		12.	3:36.63	197	3:44.09	107%	-
100m	, 2012 (12)	87.	1:32.70	129	1:35.00	105%	1
100m		33.	1:49.40	140	1:45.00	92%	2
100m	, 2013 (11)	83.	1:28.61	147	1:37.00	120%	-
100m		35.	1:54.90	121	2:18.00	144%	2
50m	, 2007 (17)	14.	27.63	523	27.50	99%	-
200m		3.	2:18.11	562	2:17.25	99%	-
100m	, 2009 (15)	5.	1:25.48	422	1:22.22	93%	-
200m		8.	2:49.53	411	2:39.49	89%	-
100m	, 2013 (11)	38.	1:15.85	235	1:15.00	98%	-
100m		20.	1:38.48	192	1:32.00	87%	2
100m	, 2010 (14)	18.	1:04.72	379	1:06.00	104%	-
200m		16.	2:41.81	349	2:47.00	107%	2
200m	, 1992 (32)	2.	2:50.69	375	2:55.00	105%	-
50m		1.	35.71	320	36.00	102%	2
50m	, 2010 (14)	6.	29.04	450	29.65	104%	-
200m		6.	2:28.00	457	2:28.50	101%	2
100m	, 2008 (16)	44.	1:03.00	411	1:00.00	91%	-
50m		17.	32.02	397	32.00	100%	-
50m	, 2012 (12)	41.	45.02	143	40.00	79%	-
100m		26.	1:40.45	181	1:40.00	99%	-



100m	, 2010 (14),	22.	1:07.07	341	1:07.01	100%	-
100m		12.	1:22.25	330	1:21.74	99%	
100m	, 2009 (15),	14.	1:03.22	407	1:02.00	96%	1
200m		12.	2:33.07	413	2:35.00	103%	
50m	, 2014 (10),	29.	59.23	93	58.00	96%	-
100m	, 2009 (15),	45.	1:25.41	165	1:50.00	166%	2
50m		11.	39.13	217	55.00	198%	
100m	, 2009 (15),	25.	1:15.30	323	1:18.88	110%	1
100m	, 2011 (13),	6.	1:26.37	285	1:24.00	95%	-
200m		24.	2:57.59	264	2:55.00	97%	
100m	, 2011 (13),	13.	1:36.41	294	1:41.57	111%	1
50m		18.	36.64	296	36.19	98%	
100m	, 2007 (17),	11.	1:05.18	499	1:04.33	97%	-
100m		14.	1:29.25	370	1:28.00	97%	
100m	, 2009 (15),	33.	1:10.59	292	1:12.00	104%	1
100m	, 2014 (10),	7.	1:24.08	232	1:20.00	91%	-
200m		10.	3:29.07	219	3:26.00	97%	
100m	, 2013 (11),	29.	1:13.11	353	1:11.97	97%	1
50m		11.	35.21	334	34.50	96%	
200m		29.	2:56.40	365	2:59.78	104%	
200m	, 2012 (12),	16.	2:53.41	268	2:50.00	96%	-
50m		20.	34.61	266	33.50	94%	
100m	, 2007 (17),	9.	1:03.76	533	1:01.90	94%	-
100m		5.	1:16.99	577	1:12.65	89%	
100m	, 2013 (11),	48.	1:17.61	295	1:14.00	91%	1
200m		37.	3:04.00	322	3:04.90	101%	
50m	, 2014 (10),	WDR		-	47.00	-	-
200m		WDR		-	3:41.00	-	
100m	, 2013 (11),	43.	1:16.43	230	1:14.59	95%	1
200m		40.	3:08.06	222	3:08.22	100%	
100m	, 2008 (16),	7.	1:17.56	565	1:13.80	91%	-
100m	, 2012 (12),	42.	1:16.40	230	1:10.40	85%	-
100m	, 2012 (12),	53.	1:19.13	207	1:21.78	107%	2
50m		44.	40.85	162	42.50	108%	
50m	, 2014 (10),	29.	1:03.80	50	1:01.75	94%	-
50m	, 2010 (14),	7.	35.00	304	34.00	94%	-
200m		26.	3:00.04	253	3:00.00	100%	



100m	, 2014 (10),	10.	1:26.50	158	1:25.00	97%	1
50m		6.	44.55	147	46.00	107%	
100m	, 2011 (13),	14.	1:07.77	444	1:07.00	98%	-
200m		20.	2:51.71	396	2:49.00	97%	
50m	, 2011 (13),	26.	41.44	183	40.00	93%	1
200m		32.	3:03.58	239	3:05.00	102%	
100m	, 2009 (15),	14.	1:07.66	446	1:07.00	98%	1
50m		12.	32.61	420	32.90	102%	
200m		9.	2:50.00	408	2:48.00	98%	
100m	, 2012 (12),	33.	1:14.25	251	1:12.50	95%	1
50m		20.	39.42	213	42.50	116%	
100m	, 2011 (13),	67.	1:23.87	174	1:25.00	103%	2
50m		34.	43.22	161	47.00	118%	
50m	- , 2013 (11),	27.	38.53	254	36.00	87%	1
200m		35.	3:02.83	328	3:06.00	103%	
100m	, 2014 (10),	3.	1:19.96	270	1:20.00	100%	2
50m		5.	39.76	231	40.00	101%	
200m	, 2009 (15),	1.	2:30.40	394	2:28.00	97%	-
100m	, 2014 (10),	19.	1:33.13	127	1:39.00	113%	1
50m		8.	46.62	128	43.00	85%	
50m	, 2012 (12),	45.	46.79	127	42.50	83%	-
50m		58.	57.55	57	39.00	46%	
100m	, 1993 (31),	1.	1:05.38	494	1:07.00	105%	2
100m		2.	1:23.12	459	1:24.00	102%	
100m	, 2007 (17),	5.	1:02.61	563	1:03.00	101%	2
50m		5.	32.68	555	33.00	102%	
50m	, 2013 (11),	10.	37.37	371	36.80	97%	1
200m		7.	2:51.84	367	2:54.00	103%	
50m		30.	39.22	241	36.00	84%	
100m	, 2007 (17),	40.	1:01.45	443	59.00	92%	-
100m	, 2013 (11),	77.	1:26.29	160	1:28.16	104%	2
100m		30.	1:44.78	159	1:45.11	101%	
200m		51.	3:28.15	164	3:23.18	95%	
50m	, 2012 (12),	7.	34.10	367	37.00	118%	1
200m		9.	2:43.53	458	2:43.00	99%	
50m	, 2010 (14),	6.	34.38	321	38.00	122%	2
200m		5.	2:40.31	340	3:00.00	126%	
50m	, 2009 (15),	2.	33.91	496	32.00	89%	-
200m		6.	2:43.77	456	2:38.00	93%	



	, 2011 (13)								1
100m		3.	1:02.68	417	1:03.00			101%	
200m		5.	2:35.02	397	2:34.62			99%	
	, 2010 (14)								2
100m		19.	1:05.17	371	1:06.50			104%	
200m		18.	2:42.67	344	2:49.00			108%	
	, 2012 (12)								1
100m		70.	1:24.94	167	1:25.00			100%	
	, 2010 (14)								1
50m		11.	31.36	358	30.00			92%	
200m		11.	2:32.80	415	2:33.00			100%	
	, 2007 (17)								-
100m		13.	56.83	560	55.30			95%	
50m		24.	28.72	466	27.50			92%	
	, 2011 (13)								-
100m		WDR		-	1:17.00			-	
200m		WDR		-	3:10.00			-	
	, 2014 (10)								2
50m		1.	39.43	213	39.00			98%	
200m		1.	2:56.73	253	3:09.00			114%	
50m		1.	37.65	206	38.00			102%	
	, 2007 (17)								1
50m		24.	28.72	466	28.50			98%	
200m		4.	2:17.81	513	2:18.80			101%	
	, 2010 (14)								-
100m		4.	1:13.78	458	1:13.00			98%	
	, 2011 (13)								-
200m		2.	2:28.62	451	2:26.00			97%	
	, 2012 (12)								-
50m		34.	41.16	209	36.50			79%	
	, 2009 (15)								-
100m		13.	1:07.08	458	1:06.50			98%	
50m		8.	32.28	433	32.20			100%	
	, 2010 (14)								1
100m		41.	1:14.92	244	1:15.00			100%	
100m		21.	1:37.98	195	1:25.00			75%	
	, 2013 (11)								3
100m		45.	1:16.83	226	1:30.30			138%	
50m		39.	39.04	185	49.64			162%	
200m		49.	3:17.46	192	3:28.97			112%	
	, 2010 (14)								1
100m		2.	1:21.79	482	1:22.90			103%	
50m		7.	31.82	452	31.00			95%	
	, 2012 (12)								-
50m		13.	32.96	308	31.60			92%	
	, 2013 (11)								-
100m		19.	1:38.34	193	1:37.00			97%	
50m		51.	45.06	120	39.00			75%	
	, 2012 (12)								-
100m		17.	1:38.82	273	1:37.50			97%	
200m		39.	3:05.15	316	3:03.00			98%	
	, 2013 (11)								2
100m		18.	1:08.72	426	1:08.00			98%	
50m		10.	34.87	343	35.00			101%	
200m		8.	2:42.37	468	2:43.55			101%	
	, 2011 (13)								1
50m		38.	38.37	195	37.00			93%	
200m		28.	2:58.78	259	3:07.00			109%	



100m	, 2008 (16)	8.	56.24	578	55.60	98%	-
50m		29.	29.21	443	29.00	99%	
50m	, 2011 (13)	17.	39.15	217	42.16	116%	2
200m		18.	2:51.79	292	3:00.10	110%	
50m	, 2008 (16)	11.	31.64	460	30.80	95%	-
200m		5.	2:35.24	536	2:33.10	97%	
100m	, 2013 (11)	29.	1:13.05	263	1:11.45	96%	2
50m		14.	38.62	226	39.32	104%	
50m		32.	37.01	217	40.00	117%	
100m	, 2002 (22)	6.	55.56	599	55.80	101%	1
50m		2.	26.60	586	26.30	98%	
100m	, 2013 (11)	25.	1:12.47	363	1:10.00	93%	1
50m		18.	36.64	296	37.00	102%	
50m	, 2010 (14)	8.	37.83	241	34.92	85%	-
50m	, 2008 (16)	11.	35.85	420	36.00	101%	1
200m		8.	2:50.06	379	2:42.00	91%	
100m	, 2007 (17)	10.	56.31	576	55.99	99%	1
50m		1.	25.46	669	25.47	100%	
100m	, 2010 (14)	34.	1:10.90	288	1:13.43	107%	2
50m		20.	37.50	209	40.27	115%	
100m	, 2008 (16)	27.	58.71	508	58.00	98%	-
50m		27.	29.00	452	29.00	100%	
50m	, 2015 (9)	26.	58.03	66	58.00	100%	-
100m	, 2012 (12)	31.	1:13.97	254	1:12.10	95%	1
200m		45.	3:11.23	211	3:40.90	133%	
50m	, 2008 (16)	40.	31.37	357	30.90	97%	-
200m		17.	2:33.08	413	2:27.50	93%	
50m	, 2011 (13)	12.	35.22	333	34.50	96%	1
200m		13.	2:46.98	430	2:47.50	101%	
100m	, 2013 (11)	68.	1:24.40	171	1:27.00	106%	2
50m		56.	47.05	106	52.00	122%	
50m	, 2011 (13)	1.	30.66	505	29.70	94%	-
200m		2.	2:34.86	540	2:34.00	99%	
100m	, 2010 (14)	8.	1:04.49	515	1:03.00	95%	-
200m		5.	2:38.76	466	2:34.00	94%	
100m	, 2006 (18)	39.	1:01.13	450	58.70	92%	1
50m		37.	29.90	413	30.00	101%	
100m	, 2006 (18)	4.	1:01.56	592	1:01.32	99%	-
200m		2.	2:27.83	620	2:25.64	97%	



	, 2014 (10),										
50m		2.	40.33	295	39.50		96%				-
50m		6.	40.05	226	40.00		100%				
200m		5.	3:12.61	280	3:10.00		97%				
	, 2015 (9),										2
100m		19.	1:52.92	96	2:00.00		113%				
50m		31.	1:01.54	83	1:05.00		112%				
	, 2010 (14),										-
100m		8.	59.32	492	58.75		98%				
200m		10.	2:32.10	421	2:30.87		98%				
	, 2011 (13),										2
100m		55.	1:19.88	201	1:25.00		113%				
100m		27.	1:40.94	178	1:46.00		110%				
	, 2011 (13),										-
100m		9.	1:07.20	339	1:06.00		96%				
200m		22.	2:52.92	286	2:50.00		97%				
	, 2010 (14),										1
100m		26.	1:07.80	330	1:09.00		104%				
200m		27.	3:00.73	250	3:00.00		99%				
	, 2015 (9),										2
100m		29.	1:45.83	86	1:49.74		108%				
100m		9.	1:58.66	110	1:59.99		102%				
	, 2015 (9),										-
50m		12.	47.44	122	44.50		88%				
	, 2014 (10),										1
50m		4.	43.98	153	45.00		105%				
200m		1.	3:46.69	115	3:30.00		86%				
	, 2011 (13),										-
50m		31.	42.75	167	38.00		79%				
50m		50.	43.66	132	43.00		97%				
	, 2009 (15),										-
100m		16.	1:08.02	439	1:06.00		94%				
50m		16.	34.89	343	34.34		97%				
200m		3.	2:44.96	402	2:42.00		96%				
	, 2014 (10),										1
50m		3.	38.13	263	37.56		97%				
200m		2.	3:00.31	342	3:02.00		102%				
	, 2013 (11),										1
50m		28.	38.58	253	36.71		91%				
200m		32.	2:59.52	346	3:02.44		103%				
	, 2007 (17),										-
100m		26.	58.56	512	57.50		96%				
50m		33.	29.36	436	28.60		95%				
	, 2012 (12),										-
100m		7.	1:27.78	272	1:24.22		92%				
200m		15.	2:48.98	307	2:46.77		97%				
	, 2013 (11),										2
100m		57.	1:21.14	192	1:34.35		135%				
50m		39.	44.32	150	46.21		109%				
	, 2009 (15),										-
50m		1.	32.71	553	32.34		98%				
100m		1.	1:20.68	502	1:19.00		96%				
	, 2009 (15),										-
100m		30.	1:09.52	306	1:06.00		90%				
200m		25.	2:59.22	257	2:48.00		88%				
	, 2011 (13),										-
200m		49.	3:17.65	259	3:17.00		99%				
	, 2013 (11),										1
100m		32.	1:46.81	216	1:45.00		97%				
200m		47.	3:15.73	267	3:30.00		115%				



100m	, 2009 (15) ,	9.	1:17.77	391	1:18.00	101%	2
200m		2.	2:20.62	532	2:25.00	106%	
100m	, 2013 (11) ,	38.	1:14.82	330	1:18.00	109%	1
50m	, 2007 (17) ,	1.	31.34	629	29.65	90%	-
200m		2.	2:27.48	582	2:21.00	91%	
100m	, 2013 (11) ,	28.	1:42.14	172	1:35.00	87%	-
200m		48.	3:13.89	203	3:08.00	94%	
100m	, 2010 (14) ,	27.	1:32.31	175	1:26.00	87%	-
50m		9.	44.37	221	42.00	90%	
200m	, 2012 (12) ,	23.	2:53.71	282	3:10.00	120%	1
100m	, 2011 (13) ,	15.	1:07.81	443	1:07.88	100%	2
50m		13.	35.42	328	37.50	112%	
100m	, 2011 (13) ,	1.	1:02.73	560	1:03.50	102%	2
200m		3.	2:37.35	514	2:38.00	101%	
50m	, 2009 (15) ,	2.	30.86	444	31.04	101%	1
200m		1.	2:24.22	467	2:24.20	100%	
50m	, 2011 (13) ,	19.	34.15	277	32.00	88%	-
200m		12.	2:44.14	335	2:42.00	97%	
100m	, 2009 (15) ,	13.	1:02.63	418	1:00.00	92%	-
50m		13.	31.74	345	30.00	89%	
100m	, 2010 (14) ,	7.	1:04.35	518	1:05.03	102%	1
50m		14.	34.08	368	34.00	100%	
100m	, 2013 (11) ,	22.	1:09.84	405	1:11.00	103%	2
50m		21.	36.79	292	36.86	100%	
200m	, 2008 (16) ,	10.	2:26.28	447	2:25.00	98%	1
100m		10.	1:14.13	451	1:15.00	102%	
50m	, 2012 (12) ,	42.	45.16	141	47.00	108%	1
100m		38.	2:08.29	87	1:50.00	74%	
50m	, 2008 (16) ,	14.	31.03	437	30.00	93%	-
50m		16.	27.82	512	27.00	94%	
100m	, 2013 (11) ,	69.	1:37.37	149	1:31.00	87%	-
50m		21.	47.84	176	45.00	88%	
100m	, 2011 (13) ,	22.	1:12.02	275	1:11.78	99%	-
200m		17.	2:53.45	268	2:50.63	97%	
200m		27.	2:58.61	260	2:56.63	98%	
100m	, 2009 (15) ,	4.	1:01.57	592	1:01.03	98%	-
50m		11.	32.53	423	31.00	91%	
100m	, 2006 (18) ,	1.	53.38	676	52.80	98%	-
50m		6.	26.87	569	25.90	93%	



100m	, 2009 (15),	2.	1:12.69	479	1:10.57	94%	-
50m		1.	27.82	512	27.30	96%	
50m	, 2007 (17),	21.	33.84	337	33.00	95%	-
50m		19.	28.01	502	27.64	97%	
50m	, 2004 (20),	8.	28.18	493	27.00	92%	-
200m		2.	2:18.28	560	2:17.00	98%	
100m	, 2005 (19),	1.	1:19.70	520	1:18.00	96%	-
100m	, 1984 (40),	11.	1:26.78	157	1:25.00	96%	-
50m		15.	45.06	120	45.00	100%	
50m	, 2011 (13),	14.	33.00	307	33.00	100%	-
200m		6.	2:37.21	381	2:37.00	100%	
50m	, 2009 (15),	4.	35.12	447	33.50	91%	-
200m		4.	2:38.75	466	2:31.00	90%	
100m	, 2009 (15),	1.	55.98	586	56.00	100%	1
50m		1.	29.67	500	28.90	95%	
100m	, 2008 (16),	6.	56.12	582	55.00	96%	-
200m		1.	2:15.37	597	2:14.31	98%	
100m	, 2005 (19),	7.	55.64	597	53.97	94%	-
100m		2.	1:12.74	478	1:08.26	88%	
50m	, 2014 (10),	18.	48.55	169	49.00	102%	1
100m	, 2008 (16),	18.	1:25.20	297	1:20.00	88%	-
200m		20.	2:48.07	312	2:40.00	91%	
50m	, 2007 (17),	13.	30.90	442	29.58	92%	1
200m		4.	2:19.78	513	2:20.50	101%	
100m	, 2014 (10),	5.	1:21.73	253	1:21.00	98%	1
50m		2.	37.26	281	39.27	111%	
100m	, 2012 (12),	64.	1:22.18	185	1:19.00	92%	-
50m		52.	45.31	118	42.50	88%	
100m	, 2015 (9),	15.	1:39.76	139	NT	-	-
50m		WDR	-	-	49.00	-	
100m		11.	2:06.30	130	NT	-	
50m		11.	50.74	111	NT	-	
100m	, 2012 (12),	36.	1:15.47	239	1:09.01	84%	-
200m		41.	3:08.41	221	3:02.01	93%	
200m	, 2006 (18),	7.	2:35.55	533	2:33.00	97%	-
50m	, 2009 (15),	23.	41.04	159	42.00	105%	1
100m	, 2011 (13),	45.	1:15.67	319	1:15.00	98%	-
100m		21.	1:39.93	264	1:39.00	98%	



50m	, 2013 (11) ,	15.	40.33	295	NT	-	-
100m		26.	1:42.90	242	NT	-	-
50m		31.	39.77	231	NT	-	-
100m	, 2011 (13) ,	61.	1:21.32	191	1:20.00	97%	1
50m		22.	40.71	193	45.00	122%	
100m	, 2013 (11) ,	26.	1:12.62	268	1:13.01	101%	3
50m		7.	36.25	274	36.92	104%	
200m		13.	2:50.17	284	2:51.93	102%	
50m	, 2015 (9) ,	3.	41.30	185	43.00	108%	3
200m		2.	2:59.76	241	3:15.00	118%	
50m		14.	49.66	90	52.00	110%	
100m	, 2012 (12) ,	9.	1:29.55	367	1:23.00	86%	-
200m	, 2013 (11) ,	10.	3:02.18	308	3:00.00	98%	-
100m		25.	1:42.84	242	1:40.00	95%	-
100m	, 2007 (17) ,	2.	54.03	652	53.00	96%	-
50m		2.	26.26	609	25.80	97%	-
100m	, 2014 (10) ,	WDR	-	-	1:29.00	-	-
50m		WDR	-	-	48.00	-	-
100m		WDR	-	-	1:48.00	-	-
100m	, 2011 (13) ,	5.	1:04.85	377	1:04.71	100%	1
50m		3.	34.66	313	34.17	97%	
50m		5.	31.30	360	31.96	104%	
50m	, 2013 (11) ,	46.	47.76	119	45.00	89%	1
100m		23.	1:39.31	187	1:40.00	101%	
100m	, 2012 (12) ,	59.	1:21.18	192	1:18.00	92%	-
50m		29.	42.25	173	39.50	87%	
100m	, 2012 (12) ,	42.	1:15.36	323	1:15.00	99%	-
200m		48.	3:17.10	261	3:15.00	98%	
100m	, 2011 (13) ,	7.	1:05.91	359	1:06.10	101%	2
200m		7.	2:38.37	372	3:05.10	137%	
100m	, 2011 (13) ,	31.	1:46.38	219	2:08.00	145%	1
100m	, 2011 (13) ,	12.	1:08.58	319	1:06.00	93%	-
200m		6.	2:42.81	324	2:40.00	97%	-
100m	, 2011 (13) ,	9.	1:29.35	257	1:26.03	93%	-
200m		17.	2:50.51	298	2:44.23	93%	
100m	, 2014 (10) ,	20.	1:34.27	122	1:29.00	89%	1
50m		5.	44.53	147	45.50	104%	
100m	, 2008 (16) ,	49.	1:07.35	336	1:08.61	104%	1
100m	, 2010 (14) ,	24.	1:13.76	344	1:14.08	101%	2
100m		11.	1:42.69	243	1:47.00	109%	



	, 2013 (11) ,								2
100m		86.	1:31.36	134	1:29.40		96%		
200m		28.	3:18.71	178	3:20.00		101%		
50m		55.	46.43	110	47.44		104%		
	, 2012 (12) ,								2
100m		32.	1:14.14	252	1:17.83		110%		
50m		40.	39.26	182	40.57		107%		
	, 2012 (12) ,								1
100m		66.	1:23.65	175	1:25.00		103%		
100m		29.	1:42.33	171	1:40.00		95%		
	, 2010 (14) ,								-
50m		5.	36.43	400	35.94		97%		
200m		8.	2:56.15	341	2:45.00		88%		
50m		15.	34.39	358	34.31		100%		
200m		4.	2:58.45	318	2:55.51		97%		
	, 2009 (15) ,								-
50m		7.	37.92	355	35.00		85%		
50m		13.	33.41	390	33.00		98%		
	, 2007 (17) ,								-
100m		30.	59.21	495	58.98		99%		
50m		39.	30.13	403	29.00		93%		
	, 2014 (10) ,								2
50m		5.	42.32	145	45.00		113%		
200m		5.	3:18.81	188	3:57.00		142%		
	, 2015 (9) ,								1
100m		1.	1:38.55	275	1:41.13		105%		
	, 2012 (12) ,								-
100m		40.	1:15.20	325	1:15.00		99%		
100m		14.	1:36.79	290	1:30.00		86%		
50m		24.	37.50	276	36.00		92%		
	, 2009 (15) ,								1
100m		2.	56.34	575	55.90		98%		
50m		2.	27.84	511	28.00		101%		
	, 2011 (13) ,								1
100m		12.	1:07.46	450	1:06.00		96%		
50m		3.	31.90	449	32.00		101%		
	, 2008 (16) ,								1
50m		20.	32.48	381	32.53		100%		
200m		13.	2:33.27	389	2:25.00		89%		
	, 2008 (16) ,								2
100m		3.	1:00.85	613	1:01.74		103%		
50m		6.	31.07	486	31.97		106%		
	, 2011 (13) ,								-
100m		8.	1:06.08	479	1:05.00		97%		
50m		2.	31.69	458	31.00		96%		
	, 2009 (15) ,								-
100m		10.	1:06.13	478	1:03.30		92%		
200m		3.	2:35.04	538	2:31.31		95%		
	, 2008 (16) ,								-
50m		4.	32.60	559	32.00		96%		
200m		4.	2:30.82	544	2:29.00		98%		
	, 2007 (17) ,								1
100m		33.	59.70	483	59.90		101%		
200m		18.	2:34.87	398	2:32.95		98%		
	, 1987 (37) ,								2
100m		9.	1:07.95	327	1:12.00		112%		
50m		13.	31.43	355	32.00		104%		
	, 2011 (13) ,								1
100m		28.	1:13.08	354	1:11.50		96%		
100m		6.	1:26.09	413	1:27.10		102%		
200m		24.	2:52.60	390	2:50.30		97%		



50m	, 2014 (10) ,	5.	41.90	263	43.00	105%	2
200m		1.	2:59.67	321	3:01.00	101%	
200m	, 2006 (18) ,	8.	2:41.51	476	2:35.00	92%	-
100m	, 2015 (9) ,	15.	1:29.65	142	1:35.00	112%	1
200m		8.	3:45.50	129	3:45.00	100%	
50m	, 2007 (17) ,	11.	27.28	544	26.50	94%	-
200m		6.	2:19.15	549	2:14.00	93%	
50m	, 2009 (15) ,	14.	32.41	324	32.00	97%	1
200m		15.	2:39.74	363	2:42.00	103%	
100m	, 2008 (16) ,	13.	1:05.33	495	1:00.50	86%	-
50m		8.	33.59	511	32.00	91%	
100m	, 2015 (9) ,	16.	1:43.83	123	1:40.00	93%	1
50m		12.	54.48	90	1:05.00	142%	
100m	, 2010 (14) ,	WDR		-	1:13.30	-	-
50m		WDR		-	40.00	-	
100m	, 2008 (16) ,	12.	1:05.22	498	1:05.50	101%	1
200m		11.	2:47.71	425	2:41.53	93%	
50m	, 2011 (13) ,	7.	36.25	274	35.50	96%	1
50m		17.	33.16	302	33.50	102%	
100m	, 2013 (11) ,	85.	1:30.35	139	1:25.94	90%	1
50m		35.	43.60	157	44.86	106%	
100m	, 2013 (11) ,	22.	1:39.06	189	1:46.00	115%	1
100m	, 2011 (13) ,	23.	1:10.49	394	1:11.42	103%	2
50m		17.	36.54	298	39.40	116%	
200m	, 2008 (16) ,	9.	3:04.32	298	2:51.53	87%	-
50m	, 2013 (11) ,	24.	35.68	243	35.00	96%	1
200m		35.	3:05.46	232	3:12.00	107%	
100m	, 2010 (14) ,	26.	1:20.23	267	1:20.00	99%	1
50m		8.	43.21	240	43.60	102%	
100m	, 1980 (44) ,	2.	1:41.70	131	1:40.00	97%	-
50m		2.	49.02	123	49.00	100%	
50m	, 2012 (12) ,	18.	33.38	296	33.00	98%	1
200m		1.	2:38.16	339	2:44.00	108%	
100m	, 2006 (18) ,	28.	58.92	503	56.30	91%	-
50m		18.	27.93	506	27.50	97%	
100m	, 2011 (13) ,	19.	1:10.77	290	1:08.00	92%	-
50m		6.	36.08	278	34.00	89%	
100m	, 2014 (10) ,	24.	1:37.35	111	1:40.00	106%	2
50m		15.	49.08	110	50.00	104%	



	, 2008 (16) ,								
50m		14.	46.22	196	45.00		95%		-
100m		15.	1:42.90	242	1:35.00		85%		
200m		2.	3:37.17	176	3:20.00		85%		
	, 2005 (19) ,								
50m		4.	30.98	439	30.70		98%		-
200m		7.	2:31.86	423	2:25.00		91%		
	, 2015 (9) ,								1
50m		28.	58.86	95	1:08.00		133%		2
	, 2014 (10) ,								
50m		23.	52.33	135	55.15		111%		
100m		5.	1:51.08	192	1:54.00		105%		
	, 2011 (13) ,								-
100m		10.	1:29.51	256	1:28.00		97%		-
	, 2013 (11) ,								
50m		23.	40.81	192	39.00		91%		-
100m		17.	1:37.79	196	1:35.00		94%		1
	, 2011 (13) ,								
50m		10.	32.39	325	32.30		99%		-
200m		3.	2:45.92	294	2:46.00		100%		
	, 2009 (15) ,								
50m		12.	39.45	212	38.00		93%		2
	, 2013 (11) ,								
100m		58.	1:21.17	192	1:33.79		134%		2
100m		34.	1:52.56	129	2:16.00		146%		
	, 2008 (16) ,								
50m		1.	29.62	561	29.72		101%		
200m		1.	2:25.78	583	2:27.87		103%		-
	, 2007 (17) ,								
50m		6.	32.85	546	32.00		95%		-
100m		4.	1:15.06	623	1:14.00		97%		
	, 2010 (14) ,								
100m		23.	1:13.58	347	1:12.00		96%		-
100m		8.	1:35.73	300	1:32.00		92%		
	, 2010 (14) ,								
50m		6.	37.88	356	37.30		97%		-
200m		12.	3:01.02	338	3:00.00		99%		2
	, 2010 (14) ,								
100m		17.	1:08.56	429	1:09.00		101%		
200m		6.	2:44.10	422	2:45.00		101%		-
	, 2010 (14) ,								
100m		6.	1:03.94	528	1:02.05		94%		-
50m		3.	30.81	498	30.58		99%		
	, 2005 (19) ,								
100m		5.	55.48	602	54.00		95%		-
	, 2008 (16) ,								
50m		5.	26.75	577	26.70		100%		-
	, 2005 (19) ,								
100m		3.	55.42	604	54.30		96%		-
50m		4.	26.70	580	26.50		99%		
	, 2011 (13) ,								
100m		11.	1:07.10	457	1:07.00		100%		-
200m		3.	2:44.97	415	2:40.00		94%		1
	, 2011 (13) ,								
100m		34.	1:14.76	246	1:12.55		94%		
50m		31.	36.38	229	36.20		99%		
200m		47.	3:13.63	204	3:16.20		103%		2
	, 2010 (14) ,								
100m		29.	1:08.36	322	1:09.00		102%		
100m		14.	1:23.43	316	1:24.00		101%		



50m	, 2013 (11)	38.	44.11	152	45.10	105%	2
100m		14.	1:35.84	209	1:38.73	106%	
50m	, 2010 (14)	16.	34.21	275	33.00	93%	1
200m		21.	2:48.10	311	2:50.00	102%	
100m	, 2010 (14)	32.	1:09.61	305	1:09.00	98%	1
200m		20.	2:46.74	319	2:50.00	104%	
50m	, 2013 (11)	7.	34.90	455	35.22	102%	1
200m		5.	2:48.95	387	2:45.28	96%	
50m	, 2011 (13)	25.	41.21	186	36.50	78%	-
100m		14.	1:35.84	209	1:30.00	88%	
100m	, 2012 (12)	44.	1:16.70	228	1:18.52	105%	2
50m		37.	43.84	155	45.00	105%	
200m	, 2013 (11)	25.	3:11.26	200	3:05.00	94%	1
50m		35.	37.53	208	42.00	125%	
100m	, 2008 (16)	45.	1:03.27	406	1:02.00	96%	-
100m		16.	1:21.06	345	1:20.00	97%	
50m	, 2011 (13)	WDR	-	-	34.50	-	-
200m		WDR	-	-	2:45.00	-	
100m	, 2013 (11)	76.	1:25.83	162	1:38.50	132%	1
100m		36.	1:58.47	110	1:56.17	96%	
100m	, 2012 (12)	72.	1:25.36	165	1:19.00	86%	-
50m		45.	41.52	154	40.00	93%	
100m	, 2012 (12)	49.	1:19.33	276	1:18.24	97%	-
100m		16.	1:38.56	275	1:34.69	92%	
100m	, 2015 (9)	18.	1:52.23	97	1:50.00	96%	-
200m	, 2014 (10)	7.	3:32.32	146	3:29.87	98%	1
200m		2.	4:27.09	70	4:30.00	102%	
100m	, 2013 (11)	68.	1:35.68	157	1:30.00	88%	1
50m		39.	47.42	136	48.00	102%	
100m	, 2011 (13)	3.	1:22.51	469	1:21.00	96%	-
200m		1.	2:34.39	545	2:34.00	99%	
100m	, 2013 (11)	65.	1:22.91	180	1:12.50	76%	-
200m	, 2011 (13)	4.	2:41.26	334	2:32.00	89%	-
50m		8.	31.72	346	30.50	92%	
100m	, 2011 (13)	3.	1:24.02	310	1:19.00	88%	-
200m		14.	2:44.75	331	2:40.00	94%	
50m	, 2015 (9)	WDR	-	-	46.00	-	-
200m		WDR	-	-	4:18.00	-	



100m	, 2008 (16),	24.	58.09	524	58.00	100%	1
200m		11.	2:22.78	508	2:26.00	105%	
50m	, 2012 (12),	14.	40.13	299	39.50	97%	1
50m		33.	41.14	209	38.00	85%	
200m		40.	3:08.12	301	3:10.00	102%	
50m	, 2009 (15),	9.	32.29	433	33.84	110%	2
200m		5.	2:41.16	479	2:44.79	105%	
50m	, 2014 (10),	WDR		-	1:15.00	-	-
50m	, 2014 (10),	23.	57.06	70	1:02.30	119%	1
200m	, 2011 (13),	16.	2:49.81	302	NT	-	-
100m	, 2007 (17),	46.	1:03.36	404	1:02.00	96%	-
50m		41.	32.65	317	30.00	84%	
100m	, 2014 (10),	21.	2:10.41	62	2:05.00	92%	1
50m		30.	1:00.82	86	1:06.59	120%	
100m	, 2011 (13),	7.	1:05.94	482	1:08.06	107%	2
200m		16.	2:49.20	414	3:10.00	126%	
100m	, 2014 (10),	1.	1:10.47	395	1:12.00	104%	2
50m		1.	35.46	327	36.91	108%	
200m		1.	2:56.67	363	2:54.00	97%	
200m	, 2006 (18),	1.	2:12.40	578	2:12.00	99%	-
100m	, 2014 (10),	5.	1:24.52	170	1:25.00	101%	1
200m	, 2008 (16),	8.	2:21.95	490	2:17.99	94%	-
50m		31.	29.25	441	28.75	97%	
100m	, 2010 (14),	WDR		-	1:13.50	-	-
100m	, 2015 (9),	31.	1:50.44	76	1:49.00	97%	-
100m		14.	2:25.62	59	2:10.00	80%	
200m	, 2014 (10),	5.	3:19.36	176	3:58.00	143%	2
50m		9.	46.06	113	50.00	118%	
100m	, 2011 (13),	26.	1:12.60	361	1:15.00	107%	1
100m		5.	1:24.79	432	1:24.00	98%	
200m	, 2013 (11),	29.	3:20.87	172	3:20.00	99%	-
200m		4.	3:40.10	125	3:40.00	100%	
100m	, 2011 (13),	24.	1:12.36	271	1:10.00	94%	-
100m		12.	1:32.46	232	1:30.00	95%	
100m	, 2012 (12),	13.	1:09.02	312	1:11.00	106%	1
50m		22.	35.47	247	35.00	97%	
200m		30.	3:02.89	242	2:50.00	86%	
50m	, 2012 (12),	35.	42.12	195	43.00	104%	1



200m	, 2013 (11)	14.	2:51.21	279	2:58.00	108%	1
50m		30.	36.28	231	36.00	98%	
100m	, 2011 (13)	62.	1:27.69	205	1:31.00	108%	1
100m		30.	1:46.36	219	1:45.00	97%	
100m	, 2009 (15)	1.	1:07.61	595	1:08.30	102%	1
50m	, 2012 (12)	12.	38.54	338	37.50	95%	-
200m		34.	3:02.20	331	2:57.00	94%	
100m	, 2012 (12)	7.	1:27.36	395	1:24.63	94%	-
200m		14.	2:48.22	421	2:47.10	99%	
100m	, 2014 (10)	11.	1:30.96	183	1:30.00	98%	1
50m		12.	46.44	193	46.47	100%	
100m		6.	1:59.85	153	1:49.00	83%	
100m	, 2013 (11)	74.	1:25.72	163	1:25.00	98%	1
200m		52.	3:28.87	162	3:40.00	111%	
100m	, 2010 (14)	36.	1:11.17	285	1:10.00	97%	-
200m		23.	2:56.68	268	2:52.00	95%	
200m	, 2012 (12)	12.	2:49.46	288	3:00.10	113%	2
200m		25.	2:57.61	264	3:10.40	115%	
100m	, 2008 (16)	35.	1:00.44	466	1:00.00	99%	1
50m		29.	29.21	443	29.50	102%	
100m	, 2010 (14)	2.	1:01.23	602	1:01.00	99%	-
200m		2.	2:34.69	541	2:34.00	99%	
100m	, 2010 (14)	40.	1:14.64	247	1:14.27	99%	-
50m		22.	39.32	181	38.59	96%	
100m	, 2006 (18)	8.	1:17.93	557	1:16.10	95%	-
100m	, 2013 (11)	41.	1:15.28	324	1:14.00	97%	-
200m		52.	3:18.84	255	3:13.00	94%	
100m	, 2014 (10)	1.	1:38.72	191	1:36.00	95%	-
50m		10.	46.94	106	45.00	92%	
100m	, 2005 (19)	4.	55.43	604	54.90	98%	-
50m	, 2014 (10)	3.	40.73	286	40.00	96%	1
200m		2.	2:59.83	321	3:05.00	106%	
50m	, 2009 (15)	10.	31.21	363	29.50	89%	-
200m		8.	2:30.75	432	2:25.75	93%	
100m	, 2013 (11)	60.	1:23.11	240	1:20.00	93%	-
200m		12.	3:24.90	217	3:19.00	94%	
100m	, 2014 (10)	10.	1:30.80	184	1:30.50	99%	2
50m		11.	45.67	203	45.80	101%	
100m		7.	2:00.20	151	2:10.00	117%	



100m	, 2012 (12),	63.	1:28.30	200	1:24.50	92%	-
100m		33.	1:48.35	207	1:40.50	86%	
100m	, 2014 (10),	23.	1:37.09	112	1:23.16	73%	-
50m		20.	52.71	89	50.24	91%	
100m	, 2014 (10),	2.	1:19.54	204	1:18.00	96%	-
100m		6.	1:48.44	144	1:44.00	92%	
50m	, 2011 (13),	8.	35.97	416	31.50	77%	-
50m		6.	33.23	397	32.00	93%	
50m	, 2007 (17),	2.	28.64	555	28.00	96%	-
200m		1.	2:11.23	620	2:08.90	96%	
50m	, 2007 (17),	3.	26.49	594	26.00	96%	-
100m	, 2007 (17),	3.	26.49	594	26.00	96%	-
100m	, 2008 (16),	11.	1:14.71	441	1:13.13	96%	-
100m		1.	1:00.54	623	1:00.60	100%	2
100m		1.	1:12.86	681	1:15.50	107%	
200m	, 2014 (10),	4.	3:11.03	201	3:28.00	119%	2
100m		3.	1:42.72	169	1:46.00	106%	
100m	, 2013 (11),	15.	1:37.40	285	1:30.00	85%	-
50m		41.	52.24	102	40.00	59%	
100m	, 2011 (13),	21.	1:09.64	409	1:09.14	99%	1
200m		25.	2:52.82	388	3:10.90	122%	
100m	, 2012 (12),	21.	1:11.99	275	1:10.10	95%	-
100m	, 2014 (10),	21.	1:11.99	275	1:10.10	95%	1
50m		26.	54.95	116	56.88	107%	
100m		13.	2:18.72	98	2:03.97	80%	
100m	, 2014 (10),	2.	1:42.24	172	1:38.43	93%	1
200m		2.	3:13.18	205	3:22.68	110%	
50m	, 2007 (17),	6.	29.34	517	28.40	94%	-
200m		5.	2:18.96	552	2:17.50	98%	
50m	, 2012 (12),	11.	32.63	317	31.00	90%	-
200m		13.	2:44.41	333	2:42.00	97%	
100m	, 2006 (18),	10.	1:03.97	528	1:02.05	94%	-
50m		13.	32.80	413	31.55	93%	
50m	, 2013 (11),	11.	37.43	249	38.08	104%	2
200m		15.	2:53.06	270	2:59.08	107%	
50m		28.	36.14	233	36.00	99%	
100m	, 2007 (17),	12.	1:24.79	432	1:21.00	91%	-
200m		9.	2:41.88	472	2:39.00	96%	
100m	, 2010 (14),	16.	1:26.84	281	1:22.50	90%	-
200m		24.	2:57.42	265	2:55.00	97%	



100m	, 2013 (11),	88.	1:34.16	123	1:37.01	106%	2
200m		30.	3:37.42	136	4:00.00	122%	
100m	, 2011 (13),	1.	1:17.68	392	1:16.00	96%	1
200m		1.	2:28.19	455	2:30.00	102%	
100m	, 2009 (15),	5.	1:13.94	455	1:13.00	97%	-
200m		5.	2:27.76	459	2:25.00	96%	
200m	, 2013 (11),	46.	3:12.27	208	3:14.92	103%	1
100m	, 2012 (12),	37.	1:14.48	334	1:15.00	101%	1
200m		53.	3:22.65	241	3:11.00	89%	
100m	, 2010 (14),	13.	1:23.34	317	1:21.00	94%	-
200m		19.	2:46.43	321	2:44.00	97%	
200m	, 2007 (17),	6.	2:35.54	533	2:33.00	97%	-
50m	, 2008 (16),	16.	31.96	400	30.00	88%	-
200m		5.	2:23.66	453	2:17.00	91%	
50m	, 1987 (37),	10.	28.28	488	27.49	94%	-
200m		5.	2:29.09	447	2:29.00	100%	
100m	, 2014 (10),	3.	1:44.26	232	1:45.00	101%	1
100m	, 2012 (12),	75.	1:25.73	163	1:25.00	98%	-
100m	, 2009 (15),	20.	1:05.43	367	1:10.00	114%	2
50m		15.	34.10	278	37.00	118%	
200m	, 2008 (16),	9.	2:22.81	481	2:23.00	100%	1
100m	, 2008 (16),	2.	1:09.09	557	1:08.81	99%	1
200m		9.	2:21.78	519	2:26.03	106%	
50m	, 2009 (15),	18.	35.68	320	35.20	97%	1
200m		15.	3:03.47	324	3:05.00	102%	
50m	, 2007 (17),	10.	30.20	474	30.00	99%	-
200m		2.	2:17.35	541	2:16.00	98%	
100m	, 2013 (11),	20.	1:11.80	277	1:12.78	103%	1
200m		34.	3:05.34	232	2:58.76	93%	
100m	, 2011 (13),	5.	1:04.56	513	1:04.70	100%	2
200m		7.	2:41.44	476	3:05.16	132%	
100m	, 2007 (17),	23.	57.82	532	57.00	97%	-
50m		36.	29.86	414	28.00	88%	
100m	, 2010 (14),	44.	1:21.85	187	1:16.00	86%	-
50m		21.	38.16	198	37.00	94%	
100m	, 2012 (12),	16.	1:07.82	443	1:05.50	93%	-
200m		6.	2:49.16	385	2:39.00	88%	



100m	, 2011 (13)	1.	1:21.84	481	1:20.20	96%	1
200m		10.	2:43.63	457	3:10.16	135%	
100m	, 2014 (10)	14.	1:39.49	140	1:45.00	111%	2
50m		22.	50.57	149	55.00	118%	
100m	, 2013 (11)	66.	1:33.43	169	1:40.00	115%	2
100m		34.	1:50.79	193	2:18.00	155%	
100m	, 2007 (17)	6.	1:02.86	556	1:02.90	100%	1
50m		10.	31.53	465	30.00	91%	
100m	, 2012 (12)	5.	1:25.66	292	1:24.00	96%	-
200m		19.	2:52.33	289	2:46.00	93%	
100m	, 2011 (13)	20.	1:09.42	413	1:12.00	108%	1
100m		12.	1:32.14	337	1:30.00	95%	
100m	, 2010 (14)	37.	1:12.42	270	1:12.55	100%	2
50m		13.	42.21	173	43.00	104%	
100m	, 2014 (10)	6.	1:23.55	237	1:21.00	94%	-
50m		8.	46.66	143	42.30	82%	
100m	, 2011 (13)	2.	1:03.57	538	1:03.50	100%	-
100m	, 2011 (13)	1.	33.23	528	33.00	99%	1
50m		11.	2:45.00	446	2:50.00	106%	
200m	, 2007 (17)	9.	1:21.17	493	1:19.00	95%	-
100m	, 2013 (11)	23.	35.57	245	40.18	128%	1
50m		31.	3:03.48	239	3:03.43	100%	
200m	, 2012 (12)	57.	1:22.29	248	1:24.50	105%	2
100m		55.	3:23.26	238	3:23.54	100%	
200m	, 2014 (10)	7.	42.87	245	43.00	101%	2
50m		3.	3:09.88	272	3:15.00	105%	
200m	, 2010 (14)	19.	1:10.14	400	1:09.00	97%	-
100m		19.	35.78	318	35.20	97%	
50m	, 2012 (12)	50.	3:25.19	171	3:31.88	107%	1
200m	, 2013 (11)	42.	40.20	170	38.00	89%	1
50m		36.	3:05.69	231	3:08.00	103%	
200m	, 2007 (17)	5.	29.16	526	29.50	102%	1
50m	, 2011 (13)	31.	1:45.89	154	1:50.00	108%	1
100m	, 2007 (17)	5.	55.42	604	55.57	101%	1
100m		10.	27.26	545	26.90	97%	
50m	, 2006 (18)	14.	1:16.56	410	1:13.31	92%	-
100m							



100m	, 2014 (10),	22.	1:36.82	113	1:40.00	107%	1
50m		19.	51.52	95	51.00	98%	
100m	, 2012 (12),	30.	1:13.75	256	1:13.00	98%	-
200m		37.	3:06.52	228	3:05.00	98%	
50m	, 2008 (16),	19.	32.35	385	31.00	92%	1
200m		7.	2:21.61	493	2:23.00	102%	
200m	, 2012 (12),	3.	3:06.36	279	3:00.00	93%	-
50m	, 2007 (17),	12.	30.72	450	28.02	83%	-
200m		3.	2:19.53	516	2:16.50	96%	
100m	, 2011 (13),	4.	1:04.20	388	1:02.00	93%	-
50m		4.	30.56	386	30.00	96%	
50m	, 2014 (10),	6.	42.43	144	43.50	105%	1
200m		3.	3:14.94	199	2:23.50	54%	
100m	, 2008 (16),	14.	56.87	559	55.00	94%	-
50m		23.	28.14	495	27.00	92%	
50m	, 2005 (19),	12.	28.57	473	28.30	98%	-
100m	, 2009 (15),	39.	1:14.62	247	1:20.00	115%	1
100m		18.	1:32.14	235	1:30.00	95%	
100m	, 2011 (13),	14.	1:09.10	311	1:10.00	103%	2
200m		2.	2:38.14	354	2:39.00	101%	
200m	, 2009 (15),	1.	2:37.53	477	2:40.00	103%	2
100m		4.	1:23.33	455	1:20.00	92%	
200m		2.	2:43.41	414	2:53.00	112%	
100m	, 2009 (15),	11.	1:00.61	462	1:00.00	98%	-
100m	, 2007 (17),	22.	57.70	535	57.10	98%	-
50m	, 2014 (10),	22.	55.12	77	1:02.50	129%	1
100m	, 2013 (11),	36.	1:57.76	161	1:58.00	100%	2
200m		56.	3:28.38	221	3:29.76	101%	
100m	, 2012 (12),	17.	1:10.37	295	1:12.50	106%	2
50m		12.	37.74	242	45.00	142%	
100m	, 2009 (15),	28.	1:08.01	327	1:00.07	78%	-
50m	, 2008 (16),	15.	31.42	421	31.50	101%	1
200m		11.	2:26.91	442	2:24.00	96%	
100m	, 2007 (17),	8.	1:12.49	483	1:10.00	93%	-
200m		16.	2:29.09	447	2:25.00	95%	
100m	, 2007 (17),	42.	1:02.07	430	1:00.00	93%	-
100m		12.	1:15.77	423	1:14.00	95%	



100m	, 2008 (16) ,	8.	1:03.39	542	1:02.00	96%	1
50m		9.	31.45	468	31.50	100%	
50m	, 2007 (17) ,	3.	28.94	538	27.50	90%	-
50m		12.	27.32	541	26.50	94%	
100m	, 2008 (16) ,	51.	1:12.26	272	1:10.00	94%	-
50m		44.	35.26	251	34.50	96%	
100m	, 2012 (12) ,	53.	1:20.41	265	1:19.00	97%	-
50m		17.	41.57	269	39.08	88%	
200m		54.	3:23.20	239	3:20.00	97%	
100m	, 2010 (14) ,	4.	58.34	518	58.50	101%	1
100m	, 2010 (14) ,	9.	1:05.89	483	1:06.00	100%	2
50m		10.	32.49	425	34.00	110%	
50m	, 2015 (9) ,	2.	40.91	190	42.00	105%	2
50m		2.	38.66	191	42.00	118%	
100m	, 2015 (9) ,	16.	1:30.16	140	1:22.00	83%	1
50m		7.	45.80	135	45.00	97%	
100m		12.	2:06.28	91	1:48.00	73%	
200m		7.	3:44.56	130	3:45.00	100%	
100m	, 2008 (16) ,	43.	1:02.78	415	1:03.45	102%	1
50m	, 2007 (17) ,	4.	29.06	532	28.00	93%	1
50m		4.	26.61	586	27.80	109%	
50m	, 2014 (10) ,	3.	38.91	187	42.00	117%	1
100m	, 2014 (10) ,	6.	1:26.02	161	1:30.00	109%	1
100m		5.	1:47.79	146	1:40.00	86%	
50m	, 2005 (19) ,	9.	28.19	493	27.00	92%	-
200m		4.	2:22.89	507	2:15.00	89%	
100m	, 2006 (18) ,	11.	1:22.98	461	1:23.00	100%	1
50m		12.	32.55	422	32.50	100%	
100m	, 2007 (17) ,	5.	1:11.43	504	1:09.50	95%	-
100m	, 2014 (10) ,	13.	1:39.47	140	1:35.00	91%	-
200m		15.	4:02.47	140	3:50.00	90%	
50m	, 2015 (9) ,	25.	57.58	68	1:03.00	120%	1
100m	, 2008 (16) ,	31.	59.50	488	1:01.00	105%	1
50m		28.	29.09	448	29.00	99%	
200m	, 2007 (17) ,	15.	2:26.91	467	2:26.00	99%	-
100m	, 2009 (15) ,	21.	1:06.59	348	1:05.00	95%	-
100m	, 2008 (16) ,	3.	1:09.80	541	1:10.00	101%	1



100m	, 2008 (16)	23.	1:54.44	92	1:25.00	55%	-
50m		13.	44.97	213	43.00	91%	
50m	, 2011 (13)	4.	33.69	506	32.50	93%	-
200m		12.	2:46.64	433	2:36.50	88%	
200m	, 2010 (14)	30.	3:07.58	224	3:13.00	106%	1
100m	, 2011 (13)	41.	1:16.33	231	1:16.05	99%	1
200m		43.	3:09.44	217	3:10.05	101%	
100m	, 2012 (12)	11.	1:08.28	323	1:10.00	105%	1
50m	, 2010 (14)	22.	41.00	211	37.00	81%	-
100m	, 2015 (9)	4.	1:44.71	160	1:48.00	106%	2
200m		1.	3:12.46	207	3:20.00	108%	
50m	, 2015 (9)	14.	47.17	184	48.00	104%	1
100m		8.	2:02.11	144	2:00.00	97%	
50m	, 2012 (12)	3.	33.64	509	32.00	90%	-
200m		1.	2:39.25	462	2:32.00	91%	
100m	, 2014 (10)	17.	1:31.50	134	1:45.00	132%	2
100m		8.	1:57.70	112	2:12.00	126%	
50m	, 2011 (13)	32.	42.78	166	39.50	85%	-
50m		54.	45.88	114	44.20	93%	
100m	, 2014 (10)	12.	1:38.64	144	1:41.40	106%	1
50m		16.	47.63	179	46.20	94%	
200m	, 2011 (13)	1.	2:26.55	445	2:28.00	102%	1
50m		7.	31.66	348	31.00	96%	
200m	, 2006 (18)	2.	2:15.28	542	2:10.07	92%	-
100m	, 2011 (13)	65.	1:30.41	187	1:25.00	88%	-
50m		19.	43.78	230	41.00	88%	
100m	, 2013 (11)	10.	1:30.64	354	1:31.50	102%	2
200m		21.	2:51.88	395	3:03.00	113%	
100m	, 2014 (10)	3.	1:20.26	199	1:16.00	90%	1
200m		4.	3:16.89	194	3:18.00	101%	
50m	, 2014 (10)	19.	48.58	169	49.00	102%	1
100m		12.	2:16.62	103	1:45.00	59%	
50m	, 2011 (13)	1.	33.71	340	31.00	85%	1
50m		33.	37.39	211	38.00	103%	
100m	, 2012 (12)	23.	1:12.32	272	1:13.47	103%	1
200m		8.	2:44.44	315	2:43.21	99%	
50m	, 2014 (10)	12.	47.44	122	47.36	100%	1
200m		6.	3:30.04	151	3:35.33	105%	



100m	, 2010 (14)	6.	1:29.72	365	1:31.50	104%	1
50m		21.	39.19	242	34.50	77%	
50m	, 2011 (13)	32.	39.90	229	40.00	101%	1
200m		42.	3:09.32	295	3:00.00	90%	
100m	, 2008 (16)	32.	59.61	485	59.30	99%	-
100m	, 2009 (15)	23.	1:07.16	339	1:02.00	85%	-
50m	, 2011 (13)	6.	34.72	462	34.50	99%	-
200m		2.	2:40.77	449	2:38.00	97%	
100m	, 2010 (14)	16.	1:03.71	397	1:03.80	100%	1
200m		17.	2:42.03	348	2:40.50	98%	
200m	, 2015 (9)	4.	3:13.68	257	3:20.59	107%	1
50m		9.	47.07	139	45.00	91%	
100m	, 2013 (11)	73.	1:25.51	164	1:33.01	118%	1
100m	, 2011 (13)	54.	1:19.54	204	2:05.00	247%	1
100m	, 2014 (10)	32.	1:52.32	72	1:53.50	102%	1
50m		28.	1:03.59	50	54.50	73%	
50m	, 2015 (9)	20.	49.37	161	49.37	100%	-
100m		9.	2:04.73	135	2:00.10	93%	
100m	, 2008 (16)	13.	1:16.51	410	1:13.35	92%	-
50m		42.	33.60	291	32.50	94%	
100m	, 2011 (13)	23.	1:42.16	247	1:42.36	100%	1
50m		38.	45.96	150	42.24	84%	
50m	, 2011 (13)	20.	36.65	296	36.51	99%	-
200m		26.	2:53.39	384	2:49.80	96%	
50m	, 2013 (11)	24.	40.83	191	48.00	138%	1
100m	, 2010 (14)	25.	1:07.28	337	1:08.86	105%	1
50m		9.	37.97	238	37.19	96%	
50m	, 2011 (13)	3.	30.09	405	29.90	99%	-
200m		3.	2:31.33	427	2:30.00	98%	
100m	, 2005 (19)	3.	1:30.82	352	1:30.00	98%	1
200m		1.	2:47.79	424	2:50.00	103%	
100m	, 2008 (16)	41.	1:01.97	432	1:01.00	97%	1
50m		43.	33.94	282	34.00	100%	
50m	, 2014 (10)	21.	53.14	87	1:01.75	135%	1
100m	, 2008 (16)	25.	58.37	517	57.00	95%	-
200m		13.	2:26.22	473	2:23.00	96%	



100m	, 2015 (9)	7.	1:26.04	161	1:21.00	89%	-
50m		11.	47.18	105	45.00	91%	-
100m	, 2004 (20)	1.	1:05.65	650	1:05.39	99%	-
50m		3.	26.68	581	26.00	95%	-
100m	, 2011 (13)	2.	1:21.93	479	1:19.83	95%	-
50m		29.	38.98	246	37.00	90%	-
100m	, 2015 (9)	26.	1:42.91	94	1:55.00	125%	2
200m		8.	3:44.01	124	4:25.00	140%	
50m		19.	1:01.52	47	58.00	89%	
100m	, 2010 (14)	11.	1:20.17	357	1:22.00	105%	1
50m	, 2006 (18)	7.	29.56	505	28.50	93%	-
100m	, 2004 (20)	2.	54.99	618	54.30	98%	-
50m		5.	27.17	550	26.40	94%	-
200m	, 2009 (15)	7.	2:44.93	416	2:38.00	92%	-
50m		5.	31.42	470	31.00	97%	2
100m	, 2013 (11)	27.	1:12.63	268	1:14.00	104%	
200m		18.	2:57.12	252	2:54.00	97%	
50m		43.	40.80	162	42.00	106%	
100m	, 2007 (17)	21.	57.65	537	55.50	93%	-
100m	, 2012 (12)	35.	1:15.01	243	1:18.00	108%	2
200m		21.	3:03.33	227	3:18.00	117%	
100m	, 2012 (12)	10.	1:06.32	474	1:07.00	102%	2
50m		4.	32.75	415	35.00	114%	
50m	, 2013 (11)	40.	44.88	144	43.00	92%	-
100m		24.	1:40.09	183	1:40.00	100%	-
100m	, 2009 (15)	6.	1:14.82	439	1:13.45	96%	-
200m		13.	2:37.78	377	2:29.20	89%	-
100m	, 2014 (10)	30.	1:47.25	83	1:45.00	96%	-
50m		24.	57.50	68	53.00	85%	2
50m	, 2014 (10)	6.	41.96	262	41.00	95%	
200m		5.	3:17.66	241	3:30.00	113%	
50m		7.	43.39	178	45.00	108%	2
50m	, 2013 (11)	16.	39.08	218	42.50	118%	
200m		19.	2:59.35	243	3:00.00	101%	-
100m	, 2009 (15)	21.	1:11.25	382	1:09.00	94%	-
100m		9.	1:37.14	287	1:35.00	96%	1
50m	, 2007 (17)	1.	28.50	564	28.35	99%	
50m		7.	27.03	559	28.00	107%	
100m	, 2010 (14)	22.	1:12.57	361	1:12.59	100%	2
200m		9.	2:57.84	331	2:58.81	101%	
200m		11.	2:59.49	346	2:58.88	99%	



100m	, 2010 (14)									
200m		WDR		-	1:11.50		-			
		WDR		-	2:52.00		-			
50m	, 2011 (13)									
200m		12.	32.90	310	30.00		83%			
		9.	2:39.20	367	2:35.00		95%			
50m	, 2006 (18)									
200m		8.	29.82	492	28.00		88%			
		6.	2:21.37	496	2:18.00		95%			
100m	, 2010 (14)									
50m		35.	1:11.03	287	1:07.00		89%			
		19.	35.26	251	34.00		93%			
50m	, 2014 (10)									1
100m		4.	41.60	269	43.00		107%			
		4.	1:50.89	193	1:50.00		98%			
100m	, 2013 (11)									1
		62.	1:21.38	190	1:27.00		114%			
100m	, 2011 (13)									
200m		3.	1:03.58	537	1:03.50		100%			
		2.	2:59.73	311	2:40.80		80%			
50m	, 2011 (13)									
200m		2.	34.32	323	33.65		96%			
		3.	2:39.53	345	2:37.00		97%			
50m	, 2011 (13)									
		21.	34.68	264	33.00		91%			
100m	, 2013 (11)									2
200m		54.	1:20.88	261	1:24.15		108%			
		51.	3:18.81	255	3:36.00		118%			
100m	, 2009 (15)									1
200m		3.	1:01.47	595	1:01.90		101%			
		4.	2:37.10	517	2:33.25		95%			
100m	, 2009 (15)									
200m		7.	1:15.50	427	1:15.00		99%			
		3.	2:21.86	518	2:20.00		97%			
200m	, 2008 (16)									1
		2.	2:15.57	594	2:17.00		102%			
50m	, 2012 (12)									2
200m		36.	37.66	206	38.00		102%			
		26.	2:57.93	263	3:02.00		105%			
100m	, 2008 (16)									
50m		21.	1:22.41	247	1:07.00		66%			
		7.	31.13	483	29.00		87%			
50m	, 2013 (11)									2
100m		20.	44.84	214	47.00		110%			
		27.	1:43.12	240	1:44.84		103%			
50m	, 2014 (10)									2
200m		10.	49.23	122	50.00		103%			
		9.	3:28.24	222	3:37.00		109%			
100m	, 2013 (11)									1
200m		18.	1:38.18	194	1:34.20		92%			
		29.	2:59.98	254	3:08.95		110%			
100m	, 2011 (13)									2
50m		47.	1:17.57	220	1:30.00		135%			
		47.	42.25	146	45.00		113%			
100m	, 2014 (10)									1
		8.	1:26.08	161	1:30.00		109%			
100m	, 2012 (12)									1
200m		4.	1:04.21	522	1:04.49		101%			
		15.	2:49.07	415	2:43.89		94%			



200m	, 2014 (10),	13.	3:45.72	174	3:37.28	93%	-
100m	, 2013 (11),	21.	1:38.99	189	1:38.00	98%	-
200m	, 2011 (13),	33.	3:05.27	232	3:03.00	98%	1
50m	, 2015 (9),	6.	31.58	350	32.00	103%	-
200m		10.	2:40.45	358	2:40.00	99%	-
100m	, 2013 (11),	25.	1:40.55	101	1:40.00	99%	1
50m		18.	50.43	101	48.00	91%	-
100m	, 2009 (15),	31.	1:13.17	352	1:12.00	97%	1
50m		14.	35.52	325	37.00	109%	-
200m	, 2012 (12),	1.	2:20.08	538	2:19.00	98%	2
100m	, 2013 (11),	24.	1:10.71	391	1:11.00	101%	-
200m		18.	2:50.32	406	2:58.00	109%	2
100m	, 2006 (18),	32.	1:13.46	348	1:15.31	105%	-
200m	, 2012 (12),	38.	3:04.20	320	3:09.48	106%	-
50m	, 2011 (13),	10.	2:43.71	457	2:40.00	96%	-
200m		8.	34.22	363	33.50	96%	2
100m	, 2012 (12),	22.	2:52.01	394	2:48.00	95%	-
50m		19.	1:09.27	415	1:11.79	107%	2
200m		25.	37.71	271	38.50	104%	-
100m	, 2009 (15),	64.	1:29.58	192	1:35.00	112%	1
200m		59.	3:51.99	160	4:00.00	107%	-
100m	, 2013 (11),	29.	3:07.37	225	3:08.00	101%	1
50m	, 2012 (12),	90.	1:37.36	111	NT	-	-
200m		50.	51.48	95	59.60	134%	-
50m	, 2009 (15),	5.	2:41.68	331	2:40.00	98%	2
100m		25.	35.85	239	34.00	90%	-
50m	, 2013 (11),	7.	59.19	496	59.90	102%	-
100m		3.	28.16	494	28.20	100%	-
100m	, 2007 (17),	49.	1:18.19	215	1:15.00	92%	-
50m		19.	39.26	215	36.64	87%	-
100m		13.	1:34.10	220	1:33.42	99%	-
50m	, 2012 (12),	6.	1:17.09	575	1:17.00	100%	-
100m		2.	29.73	554	29.47	98%	-
100m	, 2011 (13),	36.	1:15.47	239	1:12.50	92%	-
200m		8.	2:56.96	336	2:41.00	83%	-
200m	, 2013 (11),	28.	2:55.15	373	2:45.00	89%	-
50m		5.	33.76	503	33.50	98%	-
200m		6.	2:41.20	478	2:39.00	97%	-



	, 2012 (12),								2
100m		43.	1:15.51	321	1:15.88		101%		
200m		36.	3:03.64	323	3:12.65		110%		
	, 2013 (11),								1
100m		59.	1:22.90	242	1:24.00		103%		
200m		57.	3:34.27	203	3:28.00		94%		
	, 2012 (12),								1
100m		82.	1:28.37	149	1:30.00		104%		
50m		44.	46.52	129	45.00		94%		
	, 2014 (10),								1
100m		34.	2:02.30	56	1:50.00		81%		
50m		16.	49.61	106	55.00		123%		
	, 2012 (12),								2
100m		40.	1:16.16	232	1:17.00		102%		
200m		27.	3:18.44	179	3:28.00		110%		
	, 2011 (13),								1
100m		17.	1:08.42	431	1:08.40		100%		
200m		19.	2:51.29	399	3:10.00		123%		
	, 2015 (9),								-
100m		33.	1:52.49	72	1:35.00		71%		
50m		9.	46.72	128	45.00		93%		
	, 2010 (14),								-
100m		17.	1:04.03	391	1:02.00		94%		
100m		10.	1:19.02	372	1:17.00		95%		
	, 2004 (20),								-
200m		1.	2:27.32	565	2:26.00		98%		
	, 2004 (20),								-
100m		1.	54.93	620	53.80		96%		
50m		7.	27.91	508	26.70		92%		
200m		6.	2:29.87	440	2:20.00		87%		
	, 2013 (11),								-
100m		92.	2:29.18	30	2:05.00		70%		
50m		51.	1:14.21	31	1:02.50		71%		
	, 2012 (12),								1
100m		79.	1:28.05	150	1:29.00		102%		
50m		48.	43.03	138	42.00		95%		
	, 2009 (15),								-
100m		3.	1:13.32	466	1:12.00		96%		
50m		12.	31.40	356	29.00		85%		
	, 2014 (10),								1
50m		15.	47.26	183	47.00		99%		
200m		11.	3:33.06	207	3:35.00		102%		
	, 1981 (43),								-
100m		WDR		-	1:20.00		-		
50m		WDR		-	38.15		-		
	, 2011 (13),								1
100m		33.	1:13.64	346	1:12.10		96%		
200m		41.	3:08.75	298	3:15.16		107%		
	, 2013 (11),								2
100m		56.	1:20.70	195	1:25.00		111%		
50m		53.	45.83	114	48.00		110%		
	, 2010 (14),								1
100m		10.	1:00.29	469	1:00.84		102%		
50m		7.	29.24	441	28.39		94%		
	, 2012 (12),								-
50m		2.	33.45	517	33.20		99%		
50m		5.	33.14	400	32.15		94%		
200m		5.	2:40.40	486	2:38.10		97%		



100m	, 2007 (17),	7.	1:03.36	543	1:02.00	96%	-
200m		5.	2:35.89	492	2:23.00	84%	
100m	, 2014 (10),	4.	1:22.30	184	1:18.00	90%	-
50m		8.	45.17	119	44.00	95%	
200m		6.	3:40.50	138	3:26.00	87%	
100m	, 2008 (16),	47.	1:04.18	389	1:04.00	99%	-
100m	, 2009 (15),	15.	1:03.53	401	1:05.00	105%	2
200m		14.	2:38.42	372	2:44.00	107%	

