

	Club Speed (mph)	Ball Speed (mph)	Launch Angle (deg)	Spin Rate (rpm)	Smash Factor	Attack Angle (deg)	Height (ft)
PGA Tour Avg	113.0	167.0	10.9	2,686	1.48	-1.3	96.0
LPGA Tour Avg	94.0	140.0	13.2	2,611	1.48	3.0	75.0
2016 GCGA MET Avg	110.3	160.2	9.9	3,068	1.46	-0.9	79.1
2015 GCGA MET Avg	107.3	157.2	10.0	3,177	1.46	-0.9	92.9
2014 GCGA MET Avg	107.5	157.3	9.9	3,089	1.46	-1.0	85.9
Ohio AM 2015 Avg	110.5	163.1	10.9	2949	1.47	-0.1	-
Ohio AM 2016 Avg	111.9	162.4	12.1	3105	1.45	-0.5	-
2014 MVGA MET Avg	107.1	154.7	9.2	3050	1.46	-1.6	-
2015 MVAG MET Avg	105.4	154.7	10.1	3128	1.47	-1.6	-
2016 MVGA MET Avg	107.5	158.4	10.4	3043	1.47	-0.6	-
2014 GCGA Mid Am Avg	104.3	152.9	11.3	3039	1.47	-1.2	-
2015 GCGA Mid Am Avg	103.9	150.4	10.5	3130	1.45	-1.3	-
2016 GCGA Mid Am Avg	105.6	155.2	9.4	3097	1.47	-1.5	-

2016 GCGA Metropolitan

	Club Speed (mph)	Ball Speed (mph)	Launch Angle (deg)	Spin Rate (rpm)	Smash Factor	Attack Angle (deg)	Height (ft)
Aaron Akeley	112.1	165.2	9.2	2,611	1.47	-1.2	67.7
Aaron Held	112.3	165.4	8.9	4,146	1.47	-2.6	106.2
Alex Abel	114.5	158.9	8.6	3,676	1.39	-0.9	91.2
Alex Jones	116.2	168.6	7.4	2,812	1.45	-	52.8
Alex Rodger	117.8	171.0	12.8	4,098	1.45	-0.7	150.3
Andrew Acomb	103.3	148.8	11.2	3,355	1.44	-	89.3
Andrew Boehm	111.3	162.1	11.5	2,362	1.46	-3.0	78.5
Andrew Mayborg	120.6	172.0	12.1	2,315	1.43	0.0	100.1
Andy Fredette	105.9	158.2	9.4	4,332	1.49	-3.1	52.0
Andy Hrcirik	103.9	146.4	12.6	3,023	1.41	-0.3	88.6
Andy Kelley	105.2	151.9	9.3	3,414	1.44	-2.7	77.6
Ben Sattler	120.3	174.4	8.9	3,707	1.45	-	62.4
Ben Tilton	99.7	144.6	12.6	2,687	1.45	4.9	73.8

Landing Angle (deg)	Carry (yds)	Total (yds) (estimated)
38.0	275.0	294.0
36.0	218.0	246.0
32.4	257.8	286.8
38.2	251.0	271.8
34.9	252.8	278.5
-	267.0	288.9
-	277.5	301.3
-	232.1	252.3
-	242.2	266.6
-	250.5	270.8
-	249.9	272.7
-	242.2	266.2
-	241.9	265.9

Landing Angle (deg)	Carry (yds)	Total (yds) (estimated)
29.3	277.5	300.9
42.7	264.5	280.8
36.9	265.8	287.5
22.5	259.1	305.4
44.7	292.8	307.9
37.7	237.9	259.6
29.7	273.7	310.2
27.0	289.3	317.2
23.6	236.3	274.4
35.4	247.5	273.5
32.5	243.3	272.2
29.4	269.7	297.6
32.0	233.9	262.5

Bill Williamson	107.5	158.0	8.9	4,454	1.47	-	57.4
Brad Kohls	127.1	181.3	4.8	3,180	1.43	-5.2	84.0
Brendan Keating	121.3	170.5	10.2	2,966	1.41	0.1	96.9
Brennen Walsh	114.8	169.3	10.3	2,941	1.47	-0.1	95.3
Brian Arlinghaus	110.7	162.7	7.6	2,963	1.47	-	69.0
Brook Reeves	109.3	161.8	8.1	2,935	1.48	-	63.9
Bryce Lindsay	117.1	175.8	9.4	1,960	1.50	4.1	66.1
Bryce Murray	109.5	159.7	11.9	3,210	1.46	1.6	106.8
Carter Hibbard	117.4	169.9	9.3	4,220	1.45	-1.7	128.8
Chad Howard	112.7	166.1	9.3	1,630	1.47	2.9	59.3
Chris Mazzaro	109.4	158.4	8.8	2,380	1.45	-5.2	50.7
Christian Woodlan	115.4	172.4	9.4	3,421	1.49	-5.3	95.6
Colin Rajczak	108.7	150.9	11.3	2,501	1.39	-5.9	76.1
Colin Reenan	121.4	173.0	12.2	3,501	1.42	-1.5	48.2
Connor Skelly	124.5	181.1	9.3	3,795	1.45	0.1	130.2
Cooper Jones	101.7	146.1	8.6	3,758	1.44	-1.2	70.0
Cory Dulle	115.3	169.5	12.0	-	1.47	-	126.7
Craig Harden	115.7	171.0	7.9	4,396	1.50	-3.8	61.1
Dan Devore	98.9	146.4	11.0	3,331	1.48	-	78.9
Daniel Vosel	101.1	149.2	11.1	2,900	1.48	4.7	82.5
Daniel Wetterich	120.8	175.4	11.3	3,144	1.45	0.2	128.0
David Norwood	111.5	164.0	11.6	2,522	1.42	1.0	269.7
Derek Gustafson	104.0	135.3	12.1	2,656	1.47	-	62.9
Don Niehaus	92.0	133.4	5.1	2,300	1.45	-	12.4
Dylan Scalf	112.2	160.6	11.6	4,108	1.43	1.4	112.5
Ed Steiber	98.6	146.8	13.3	2,317	1.49	1.4	75.7
Eric Fuldner	118.7	162.8	7.2	4,408	1.47	-	79.2
Ethan McCarthy	100.7	151.1	10.9	3,320	1.50	-1.1	85.6
Evan Bunis	113.1	163.1	8.8	3,471	1.44	0.3	85.3
Gordon Willins	94.5	138.2	13.4	3,063	1.46	2.6	82.1
J.D Fletcher	111.3	161.4	15.1	5,152	1.45	-	122.0
Jacob Poore	114.5	164.9	9.1	2,528	1.44	-	71.6

25.3	245.0	275.1
35.2	295.5	320.0
36.3	286.7	311.5
34.9	294.6	320.3
32.4	261.4	286.8
27.3	267.7	301.2
27.8	275.6	309.7
38.0	270.3	293.5
44.1	278.5	293.6
25.2	264.2	303.0
22.6	238.3	282.1
36.4	289.4	309.4
30.6	256.9	288.7
28.0	286.5	299.6
44.3	303.4	319.1
34.9	228.0	248.6
44.2	282.0	298.4
26.7	259.2	295.5
33.9	241.0	267.1
36.6	245.7	267.8
43.0	295.6	313.4
31.8	269.2	300.2
30.5	212.9	241.8
9.3	128.9	189.2
43.6	263.7	280.4
31.7	243.8	276.5
35.6	255.3	276.4
34.6	252.2	277.1
36.4	265.3	286.8
36.0	224.0	248.2
39.3	289.7	309.7
28.9	268.9	303.6

Jake Brinker	106.3	155.8	11.2	3,094	1.47	1.4	98.2
Jake Gilkison	112.4	167.4	9.1	2,934	1.49	-1.2	83.8
James Heskamp Jr	111.8	163.2	11.1	5,666	1.46	-	88.1
James Kelley	111.3	154.6	4.4	3,502	1.39	-	44.4
Jason Asher	94.0	137.4	11.5	3,019	1.46	3.3	65.5
Jeff Parnell	106.2	156.9	12.6	2,012	1.48	1.2	82.8
Jim Ebel	106.8	157.0	5.3	3,121	1.47	-	49.5
Jim Sheldon	120.2	171.5	6.6	3,323	1.45	-3.3	72.0
John Dicker	100.2	144.0	12.5	2,137	1.44	0.8	69.5
John Meinking	101.0	147.4	5.2	2,457	1.46	-	24.9
Johnny Vidal	120.6	177.9	9.0	1,949	1.48	0.4	62.9
Jon Blair	112.8	166.5	6.9	2,291	1.48	-5.2	47.6
Jonathan Feldkamp Jr	115.7	172.6	9.5	1,603	1.49	2.9	35.3
Jonathan Geist	109.7	160.2	9.0	2,536	1.46	-	42.6
Jonathan Morgan	103.1	152.8	12.3	3,985	1.48	0.8	106.7
Joshua Cushing	105.2	149.2	17.3	2,807	1.42	1.8	41.1
Keith Brackenridge	104.4	151.3	11.7	3,212	1.45	-0.1	69.2
Kevin Crawford	106.6	154.8	8.5	3,008	1.45	-5.3	71.0
Kevin Imhulse	95.8	143.7	15.9	5,399	1.50	-	79.4
Kevin McAuliffe	116.5	154.4	17.4	4,706	1.32	-5.6	157.0
Kyle DeBord	113.7	168.2	10.7	2,625	1.48	-2.0	67.3
Kyle Miller	120.6	173.6	7.9	2,090	1.44	-	67.2
Lee House	117.0	164.5	7.9	3,139	1.41	-4.4	87.1
Mark Daniel	106.2	147.8	11.2	4,724	1.39	-6.5	69.4
Mark Harden	117.9	172.0	10.1	2,368	1.46	-2.3	74.3
Mark Stocker	108.4	157.3	6.7	3,818	1.45	-7.9	66.2
Mark Sweeney	109.6	162.8	4.5	2,178	1.49	-	27.0
Mathew Recht	104.9	150.7	10.0	2,615	1.44	-5.9	65.9
Matt Pietrusik	112.4	161.8	13.0	3,064	1.44	-	112.4
Matthew Wetterich	115.9	169.2	11.5	2,402	1.46	6.4	92.0
Michael Misleh Jr.	111.3	161.5	7.1	2,010	1.45	-	34.1
Michael O'Brien	118.6	172.2	7.6	2,540	1.45	-5.0	78.0

37.6	265.3	288.2
33.2	279.0	307.4
32.8	276.2	301.8
24.9	225.8	260.5
31.2	218.1	247.1
32.5	256.3	289.0
26.1	247.0	278.7
32.9	272.2	296.9
30.4	234.7	266.2
15.9	181.7	230.9
26.8	270.5	308.2
21.8	242.6	286.1
15.5	226.9	282.4
20.2	223.3	269.3
39.4	254.0	274.0
126.3	262.3	282.7
28.1	249.2	284.9
31.3	252.3	279.2
31.3	240.7	269.3
52.6	232.4	240.4
27.0	259.3	295.6
27.0	279.5	318.7
35.0	271.1	296.6
28.7	245.8	278.4
28.5	283.6	321.1
29.8	255.0	283.7
15.0	214.8	267.3
28.9	247.7	275.3
39.8	279.9	302.2
34.2	291.4	320.2
16.5	223.0	275.3
31.1	290.9	322.4

Mike Kessler	116.4	172.8	7.1	4,098	1.48	-4.6	97.4
Mitchell Lamping	120.5	178.6	7.2	2,158	1.48	-6.1	65.9
Mitchell McElfresh	117.7	164.3	5.2	3,305	1.40	1.0	63.5
Nick Gruber	100.7	151.1	10.9	3,320	1.50	-1.1	85.6
Nick Lykins	112.5	165.0	8.2	3,089	1.47	-3.0	80.6
Nick Piening	113.5	165.1	7.4	2,131	1.46	-5.8	50.6
Patrick Allen	110.5	161.4	6.4	4,011	1.46	-	77.9
Paul Huber	112.8	164.1	10.0	2,533	1.46	0.9	82.5
Paul Kuhr	107.6	159.2	11.7	3,331	1.48	-2.9	97.7
Phil Russo	98.6	147.8	9.2	2,461	1.50	-0.3	58.6
Phil Sheldon	103.9	151.7	6.7	2,953	1.46	-	33.2
Rich White	108.0	152.6	11.5	3,953	1.41	-0.3	98.0
Roy Adair	119.5	173.3	13.1	2,898	1.45	-	103.6
Ryan Canter	112.6	168.4	10.8	3,353	1.50	1.4	107.8
Sam Buse	108.7	162.7	12.6	2,321	1.50	3.3	96.3
Scott Brown	115.3	170.5	11.9	2,118	1.48	2.0	97.3
Scott Foster	114.4	167.1	9.8	2,508	1.46	-2.8	81.2
Scott Purvis	117.9	171.4	7.9	2,563	1.45	4.4	63.7
Sean Keating	116.4	167.4	12.0	1,977	1.44	1.8	81.0
Spencer Sweitzer	116.3	166.1	6.9	3,420	1.43	-2.1	66.0
Taylor Suggs	107.0	156.3	13.7	1,872	1.46	-	95.0
Tim Murphy	98.9	144.5	17.4	2,689	1.46	3.5	116.6
Tim Sorrows	101.4	148.4	5.0	2,684	1.46	-	27.1
Timothy Anderson	92.4	133.6	11.9	3,127	1.45	1.1	65.7
Tony Boeing	105.1	153.9	10.9	4,506	1.46	3.8	69.0
Tyler Chandler	112.2	163.4	7.3	3,850	1.46	-8.1	75.6
Tyler Helfferich	119.2	172.4	3.9	2,794	1.45	-7.0	50.1
Wyatt Frazier	108.4	156.8	10.3	2,558	1.45	-2.7	73.4
Zach Adams	112.9	164.4	12.1	3,080	1.46	2.1	108.8
Zach Catalano	99.9	148.5	11.5	1,864	1.49	2.7	58.0
Zach Schmidt	97.6	145.8	9.6	2,431	1.49	1.4	52.9

37.2	285.9	307.6
28.4	280.1	315.8
35.3	261.6	290.2
34.6	252.2	277.1
32.7	273.4	301.7
23.1	248.4	289.1
34.6	258.4	281.2
33.3	264.4	294.5
35.2	273.9	299.8
27.7	230.2	265.7
33.2	204.9	251.3
40.2	248.4	267.4
35.7	299.2	324.9
37.2	299.0	322.7
33.3	282.4	311.9
32.7	302.5	335.7
32.8	276.0	307.2
28.4	274.6	308.1
30.9	271.9	306.6
29.3	265.3	295.4
35.1	266.9	295.7
39.8	255.0	277.3
15.6	202.9	147.9
32.0	208.0	236.5
29.0	250.5	281.0
32.0	268.7	295.7
22.7	260.9	305.1
30.7	263.8	294.7
37.5	283.0	307.8
25.4	226.4	268.8
24.8	222.3	261.5

Aidan Hwan Brown	Missed
Alec Velasco	Missed
Austin Zapp	Missed
Ben O'Bryan	Missed
Brad Miceli	Missed
Brett Bauereis	Missed
Brian Polark	Missed
Brian Sweeney	Missed
Bryan Anderson	Missed
Cameron Lloyd	Missed
Casey Gilligan	Missed
Chris Rossi	Missed
Corey Flynn	Missed
David Yeazell	Missed
Domenic Maricocchi	Missed
Drew Docherty	Missed
Evan Daniel	Missed
Hayden Burns	Missed
Jack Wooten	Missed
Jack Worrall	Missed
Jake Fox	Missed
Jake Schrudder	Missed
Jay Canter	Missed
Jay Tilton	Missed
Josh Drexler	Missed
Justin Fender	Missed
Kevin Radecki	Missed
Logan Gamm	Missed
Luke Underhill	Missed
Mark Burger	Missed
Matthew Schiller	Missed
Matthew Wetherill	Missed

Mitch Mahoney	Missed
Mitchell Otten	Missed
Nathan Viverette	Missed
Paul Luttrell	Missed
Paul Maricocchi	Missed
Pete Betzold	Missed
Peyton Watson	Missed
Quinn Ourada	Missed
Richard Newson Jr	Missed
Rob Petrey	Missed
Robert Gerwin II	Missed
Robert Pickett	Missed
Ron Johnson	Missed
Ross Sharp	Missed
Sam Meek	Missed
Seth Brenneman	Missed
William Efkeman	Missed
Zachary Simons	Missed

2016 Ohio Am

	Clubhead Speed	Ball Speed	Smash Factor	Spin Rate	Launch Angle	Attack Angle	Carry Distance
Alan Fadel	95.3	144.5	1.50	2668	14.1	6.3	240.4
Alec Tahy	118.8	168.5	1.42	4902	10.9	-3.1	274.3
Alex Flick	106.8	157.7	1.47	2873	15.8	1.1	281.4
Alex Morrison	113.9	169.7	1.48	2281	10.5	-1.5	291.5
Alex Weiss	116.5	165.1	1.42	4170	10.9	-0.3	270.5
Anton Krecic	106.2	155.9	1.47	2960	11.9	2.8	263.8
Ben O'Bryan	129.4	187.6	1.45	2307	10.6	0.3	325.1
Ben Sattler	113.8	168.7	1.48	2904	7.6	-2.9	276.1
Blake Foutty	112.4	164.2	1.46	3054	11.2	-0.8	279.6
Blake Prince	119.0	167.1	1.40	4372	8.1	-2.7	274.2

**Total
Distance**

266.9
292.1
299.5
323.2
289.5
290.7
355.8
304.1
302.8
295.8

Brandon Pluchinsky	110.5	151.4	1.37	3036	14.8	-3.6	253.1
Brayden Baldrige	111.9	163.7	1.43	2376	14.2	2.1	276.7
Brendan Keating	125.5	174.4	1.39	3943	13.1	-1.1	296.9
Brennen Walsh	113.1	166.9	1.47	2285	11.7	-1.1	286.7
Bruce Bagshaw	109.9	163.0	1.48	3296	10.6	-2.3	279.2
Bryon Snoddy	114.2	171.1	1.50	2510	14.2	6.1	272.5
Buck Baumann	99.4	146.1	1.47	3345	9.1	-4.4	232.8
Caden Orewiler	116.5	156.3	1.41	2784	11.5	-5.4	274.9
Caleb Davern	113.1	165.7	1.47	3405	13.9	-2.3	290.2
Cameron Michalak	108.8	158.5	1.45	2798	11.4	-1.3	270.3
Chad Howard	113.5	165.7	1.46	3343	11.1	-1.5	287.2
Chandler Walnsch	112.9	159.7	1.42	5578	9.2	-1.4	265.6
Chase Parker	113.9	156.2	1.37	2146	13.0	-5.3	266.0
Christopher McKay	114.5	167.4	1.46	3493	9.2	-3.6	282.8
Christopher Williard	107.4	154.3	1.44	2650	13.1	0.5	267.7
Clark Engle	121.6	172.1	1.43	2876	16.1	1.4	314.1
Clay Grantham	106.2	156.7	1.47	1928	13.0	2.4	259.7
Cole Christman	107.6	156.4	1.45	2894	13.8	7.2	276.4
Cole Walter	109.7	158.4	1.44	2184	15.7	1.3	283.0
Colin Joseph	119.1	170.3	1.43	2932	10.7	-0.5	303.9
Davis Root	103.0	152.3	1.48	3499	14.3	4.3	253.4
Derek Hamm	112.5	161.3	1.43	4405	14.5	3.5	277.4
Domenic Maricocchi	110.6	156.3	1.41	2784	11.5	-5.4	274.9
Eric Frishette	106.5	153.3	1.43	2229	15.0	-1.1	268.6
Evan Standohar	118.8	173.5	1.46	3526	7.5	-1.8	291.4
Grant Engle	108.9	160.3	1.47	3159	11.8	-2.3	281.1
Jack Mancinotti	118.5	175.4	1.48	2762	7.8	-4.1	295.0
Jacob English	108.6	158.2	1.46	3086	12.8	2.0	273.9
Jacob Harrah	101.1	147.4	1.46	3046	14.2	-0.5	252.3
Jacob Miller	114.1	167.2	1.46	2818	12.1	-0.5	294.7
Jacob Rumfola	117.8	170.4	1.45	3454	8.2	-3.5	297.8
Jake Brinker	107.4	158.6	1.48	2908	14.3	-0.8	278.8

272.1
303.4
312.3
313.7
301.6
307.1
259.5
300.9
308.7
292.2
308.7
296.0
296.1
306.9
294.3
332.4
295.1
301.9
311.8
324.9
272.0
292.6
300.9
297.3
311.1
306.6
326.9
296.7
274.5
320.5
318.6
297.7

Jake Fox	120.0	174.2	1.45	3112	14.3	2.2	313.9
Jake Gilkison	110.2	160.1	1.45	3019	14.1	-1.1	280.9
Joey Arcuri	109.9	157.2	1.43	4224	14.3	-2.1	268.1
Jonathan Brimley	106.5	156.7	1.47	2781	14.4	4.4	278.1
Jonathan Ransone	105.1	153.3	1.46	1751	14.8	4.0	253.6
Jordan Bollenbacher	115.3	166.4	1.44	2032	12.9	6.1	289.6
Josh Gilkison	115.2	168.7	1.46	2237	12.9	-1.6	303.9
Josh Wick	113.1	165.9	1.47	2561	13.3	2.4	286.5
Jules Blackly	115.2	168.3	1.46	2823	12.8	3.7	277.2
Justin Perdue	115.4	162.5	1.41	4263	10.5	-4.6	277.9
Justin Wick	124.4	180.9	1.45	2192	11.3	-1.1	319.8
Kenny Kowall	112.8	163.5	1.45	2791	15.2	9.7	298.4
Kevin Kornowa	108.1	160.0	1.48	2099	14.1	2.1	279.9
Kyle Carile	113.4	171.0	1.50	2270	6.7	0.7	251.5
Luke Wells	100.1	147.4	1.47	2229	16.3	2.3	259.1
Luke Wells	101.1	147.1	1.45	2229	16.3	-1.9	259.1
Matt Abendroth	112.2	165.8	1.47	3258	10.8	-2.2	281.8
Matt Arnold	111.1	159.1	1.43	3525	11.7	0.8	271.1
Matthew Beckett	103.1	151.5	1.46	4113	16.3	-2.2	253.2
Matthew Hoffman	107.3	153.6	1.43	3825	14.9	1.4	263.1
Matthew Wetherill	109.1	158.4	1.45	3869	16.2	-2.9	270.7
Michael Denner	114.8	167.6	1.46	3399	10.2	-4.3	285.9
Nicholas Montes	113.3	166.6	1.47	5352	9.6	-1.5	284.1
Nick Contini	121.5	174.6	1.44	3148	11.9	-0.4	314.8
Nick Curtis	111.4	158.7	1.43	4020	12.9	-3.1	269.7
Nick Paxos	118.6	170.2	1.44	2665	10.7	3.2	300.3
Nicolas Paxson	117.0	172.6	1.47	2591	12.0	-0.4	304.8
Partrick Luth	116.3	169.4	1.46	2562	9.4	-4.3	281.5
Paul Trey Walker	118.0	170.0	1.44	2303	11.5	-3.6	293.9
Peter Malik	113.9	164.9	1.44	3565	11.5	-1.6	285.5
Phillip Trueblood	114.2	160.4	1.40	3565	9.5	-0.7	270.8
Robert Schustrich	105.9	149.0	1.41	3317	10.5	3.1	245.9

331.4
301.9
282.8
301.0
288.4
310.7
331.4
315.4
297.6
299.3
348.7
319.3
308.1
285.9
284.7
284.7
303.4
291.6
266.5
280.6
283.3
308.5
304.9
336.3
289.5
325.5
329.9
316.2
321.9
308.0
291.0
271.7

Robert Williams	114.2	163.7	1.43	4972	4.2	-4.1	252.9
Ryan Flick	102.1	151.8	1.48	3089	13.8	1.1	263.8
Ryan Troyer	120.1	172.5	1.44	2764	14.7	5.9	314.6
Ryan Wilburn	100.1	143.5	1.43	3738	11.9	-4.4	232.6
Scot Sapp	112.3	169.1	1.50	3139	13.2	-1.3	298.4
Scott Cooper	114.3	166.1	1.45	2927	9.0	-4.1	284.3
Scott Purvis	116.9	174.4	1.49	2490	10.5	4.5	289.8
Sean McGuire	116.6	166.6	1.43	2676	10.9	-3.6	289.0
Seth Brenneman	111.1	155.9	1.40	4110	11.2	-5.3	261.5
Spencer Showmaker	113.0	165.9	1.47	3208	9.5	-3.3	282.5
Stephen Anderson	112.8	163.3	1.45	3323	11.2	-5.6	287.7
Steven Sveda	107.1	155.1	1.44	2315	13.3	-1.5	262.5
Taylor Suggs	105.8	157.7	1.50	2209	12.1	4.9	262.0
Trent Tipton	110.4	163.1	1.48	2221	11.4	2.7	272.8
Vin Cahill	106.4	154.4	1.45	3723	12.0	-1.8	259.1
Wes Gilland	116.3	156.6	1.35	4726	14.8	-6.0	250.7
Will Grimmer	107.9	155.2	1.44	3254	11.8	-3.1	268.5
Will Sattler	109.2	157.9	1.45	3128	11.7	0.1	268.8

Aaron Crewse	Missed
Andy Hire	Missed
Andy Hummer	Missed
Austin Greaser	Missed
Austin Sipe	Missed
Brennan Whitis	Missed
Bryce Walters	Missed
Cameron Bruce	Missed
Cameron McCloskey	Missed
Cameron Willis	Missed
Chris Rossi	Missed
Christopher Reese	Missed
Christopher Sloan	Missed

270.4
289.6
333.7
255.2
318.0
311.5
316.7
313.2
279.6
303.7
311.3
291.5
292.1
307.8
276.8
262.9
292.2
293.6

Connor Yakubov	Missed
Daniel Martina	Missed
David Becher	Missed
Evan Yakubov	Missed
Garrett Brickley	Missed
Heath Harvey	Missed
Ian Clement	Missed
Ian Hardesty	Missed
Jack Kunkel	Missed
Jacob Appleby	Missed
Jason Mueller	Missed
Jeff Mallette	Missed
Jeff Sparks	Missed
Jeffrey Scohy	Missed
Jeg Coughlin	Missed
John Zitkovic	Missed
Jonathan Feldkamp	Missed
Joo-Young Lee	Missed
Justin Arens	Missed
Justin Doran	Missed
Kory Kotterman	Missed
Kyle Richardson	Missed
Luke Campbell	Missed
Matthew Akers	Missed
Matthew Wetterich	Missed
Mert Selamet	Missed
Michael Kelley	Missed
Mitchell McFarland	Missed
Robert Gerwin II	Missed
Robert Pickett	Missed
Ryan Fowler	Missed
Ryan Reichley	Missed

Ryan Wenzler
Tim Belden
Tommy Sullinger

Missed
Missed
Missed

2016 MVGA MET

	Club Speed	Ball Speed	Smash Factor	Spin Rate	Launch Angle	Attack Angle	Spin Axis
A.J Cherubini	103.2	153.2	1.48	3029	15.3	6.6	-2.5
Adam Armstrong	113.9	167.7	1.47	3611	7.8	-2.5	2.2
Adam Gill	110.9	165.8	1.49	3796	8.2	0.0	-8.1
Adam Gutheil	103.0	145.5	1.41	5337	13.5	-2.8	13.0
Adam Miller	106.5	161.8	1.50	2302	11.4	-1.5	-4.3
Alec Valasco	116.4	172.8	1.48	2892	10.6	-3.5	12.6
Alex Flick	107.9	156.3	1.45	3186	9.1	2.7	-3.0
Alex Huang	103.5	159.0	1.50	4004	14.1	5.2	-3.7
Andrew Bruns	111.3	167.4	1.50	4279	14.1	-1.1	1.8
Andrew Mayhew	103.4	154.8	1.50	4002	10.2	-3.2	8.5
Andrew White	100.0	148.8	1.48	3263	10.9	-0.4	-5.2
Austin Bagshaw	110.4	162.7	1.47	2912	10.4	-0.6	-9.4
Austin Sipe	110.3	166.8	1.50	3234	11.1	-2.0	7.9
Bob Jones	90.5	135.5	1.50	2691	12.7	-1.1	0.8
Brandon Johnson	114.8	169.1	1.47	2629	10.5	-0.3	-3.7
Brandon Johnson	109.8	162.1	1.48	2967	10.9	-1.2	-13.1
Brandon Weiss	105.7	153.2	1.45	4207	11.2	-1.2	8.7
Brian Arlinghaus	105.7	155.7	1.47	2908	11.3	-1.3	2.6
Brian Hodgson	96.2	144.7	1.50	2686	14.3	6.0	5.8
Bryan Buffington	103.0	151.3	1.47	2872	13.4	-0.4	2.0
Bryce Haney	106.9	156.9	1.46	1621	12.2	1.3	-13.1
Cam Wardley	116.4	174.2	1.50	2819	9.4	-0.7	3.6
Chandler Spees	114.8	167.0	1.45	3813	6.8	-0.2	-8.6
Chris Coleman	114.8	168.2	1.46	3057	-0.9	-9.9	-4.0

Carry Distance**Total Distance**

257.3	270.7
264.9	276.3
263.1	275.9
200.9	205.3
265.4	288.0
282.0	299.3
244.7	272.5
269.8	289.0
265.9	274.3
238.2	248.7
235.1	249.3
265.7	286.8
276.7	293.5
215.8	238.5
283.0	301.4
255.9	275.7
238.5	248.3
255.8	276.3
232.2	253.0
249.3	266.7
249.3	280.8
290.2	309.8
257.1	269.1
246.8	277.8

Chris Francis	111.9	160.4	1.43	2493	5.9	-7.1	-14.2
Cooper Jones	105.6	155.6	1.47	3104	11.6	-2.5	5.9
Cory Caudill	108.9	160.4	1.47	3177	6.3	-6.9	-4.4
Craig Harden	112.6	169.7	1.50	2466	6.8	-2.6	-21.4
Dan Sutherly	96.9	143.1	1.48	2742	14.8	0.0	0.4
Dave Novotny	94.0	142.2	1.50	3368	8.9	-0.8	5.5
David Hagstrom	101.2	142.3	1.41	2239	12.2	-1.3	5.2
David Klopfer	105.5	152.3	1.44	3286	13.0	-2.5	4.5
Derek Hrabik	116.5	174.7	1.50	2436	7.0	-1.9	-15.4
Doug Gage	98.4	145.0	1.47	2676	13.9	4.1	-2.1
Drew Prater	100.5	146.9	1.46	3285	10.9	0.9	10.3
Dylan Cohee	111.8	165.1	1.48	4028	8.5	-3.2	-6.0
Eric Thompson	118.4	169.7	1.43	3129	8.5	-1.8	-12.3
Ethan McBean	113.9	168.5	1.48	2657	14.1	1.0	6.6
Gordon Willins	92.7	140.1	1.50	2058	13.0	1.2	-4.6
Jacob Tobias	105.8	156.3	1.48	2745	14.5	6.4	-11.4
Jake Gilkison	110.6	167.4	1.50	3129	11.0	-1.1	-5.2
Jason Cooper	115.2	163.3	1.42	2655	9.3	1.6	-13.1
Jeff Scohy	105.4	156.5	1.49	3057	10.6	-1.8	2.1
John Sherman	90.1	136.3	1.50	1709	9.5	6.2	-27.1
Jonathan Cloyd	107.9	162.3	1.50	2968	12.0	0.8	8.5
Jonathan Mathias	105.4	148.8	1.41	3320	12.3	-2.0	3.5
Jonathan Velasco	117.2	174.6	1.49	2895	12.4	1.5	-2.8
Jonny Blair	110.6	163.5	1.48	3281	9.5	-4.1	-7.9
Jordan Higgins	106.2	139.4	1.31	1862	13.9	1.6	-4.2
Jordan Reese	118.6	171.3	1.44	3314	8.7	-4.1	2.1
Josh Alcorn	122.3	180.2	1.47	2928	6.1	-5.6	-7.8
Josh Elliott	103.5	156.7	1.50	1858	11.3	1.5	0.2
Josh Gilkison	113.5	169.1	1.49	2322	10.9	-0.8	1.5
Justin Weber	112.4	163.4	1.45	3135	12.5	3.7	-4.5
Kevin Keck	89.9	136.4	1.50	2639	13.0	5.8	0.0
Kevin Martz	116.2	170.2	1.46	3070	7.8	-2.4	-3.9

242.7	277.1
254.2	268.4
245.2	266.8
267.9	301.5
234.7	250.5
221.6	244.4
225.8	247.9
242.8	253.9
283.6	313.4
240.5	263.2
228.8	254.3
262.7	277.4
266.0	280.6
286.6	301.7
209.2	244.6
257.9	272.0
267.8	282.4
263.5	289.9
243.7	257.4
180.2	223.4
261.4	276.4
244.5	258.5
289.4	306.1
260.1	276.3
226.1	249.1
280.3	294.7
287.6	310.9
251.0	278.8
276.0	294.6
267.1	278.9
221.5	241.9
275.1	288.4

Kip Gray	109.5	151.0	1.38	4883	0.8	-10.2	7.3
Luke Wells	97.7	147.3	1.50	1534	14.6	3.5	-14.7
Matt Buse	107.7	159.8	1.48	2982	11.1	-2.8	-3.8
Matt Scharrer	123.9	172.5	1.39	3707	5.7	-5.8	-3.0
Mike Dempsey	94.6	138.0	1.46	2214	12.7	2.7	-10.2
Nick Brodbeck	107.0	154.8	1.45	3111	7.7	-2.7	0.6
Nick Sims	108.6	164.0	1.50	3596	14.5	-1.1	-4.5
P.J. Smith	108.2	162.5	1.50	3268	9.9	-1.0	11.5
Parviz Soulati	109.3	162.4	1.49	3965	8.6	-4.0	-1.2
Paul Day	110.6	167.4	1.50	2004	8.0	-2.7	-4.0
Paul Stone	110.1	158.9	1.44	4076	8.1	-1.8	7.9
Paul Stone	100.8	150.4	1.49	3380	6.8	-7.9	-0.5
Pete Betzold	105.1	157.7	1.50	3000	5.5	-4.6	-4.8
Pete Samborsky	104.2	158.0	1.50	2537	10.7	-1.1	0.6
Phillip Renfro	118.6	168.6	1.42	2889	13.3	-0.4	-0.4
Rick Pagniano	109.7	163.2	1.49	2920	6.3	-0.4	-13.8
Roger Johnson	97.2	140.4	1.44	2079	15.1	4.3	-9.6
Ron Dement	96.8	142.5	1.47	2644	13.0	13.0	-3.7
Ross Dearth	99.4	148.3	1.46	4327	-1.8	-5.5	10.2
Ryan Flick	107.6	155.5	1.45	2964	10.9	0.0	-4.4
Ryan Groff	105.1	161.1	1.50	2354	11.0	1.9	11.5
Ryan Reichley	107.6	162.5	1.50	2762	13.6	3.1	-5.5
Sam Meek	112.3	165.6	1.47	2746	7.5	-4.6	2.8
Same Geise	115.4	166.5	1.44	4073	9.6	-3.4	11.7
Samuel King	102.9	157.4	1.50	3015	16.3	6.6	2.7
Scott Sears	102.8	145.4	1.41	5122	14.2	1.3	9.0
Scott Thompson	115.8	171.1	1.48	3549	12.8	3.1	5.4
Shawn Cooper	108.2	153.3	1.41	1899	8.0	-3.2	-3.0
Steve Burr	107.6	164.2	1.50	2509	10.7	4.0	-12.4
Taylor Holt	122.2	179.5	1.47	4117	7.9	-1.0	9.0
Thomas Seiller Jr.	104.3	153.8	1.47	3154	15.0	-2.3	-1.9
Zach Allen	112.3	167.0	1.49	2245	12.2	-1.1	0.8

206.6	231.0
233.3	266.0
259.3	275.3
253.4	280.4
219.4	247.9
233.6	260.9
259.4	268.7
253.8	269.1
264.9	281.8
276.4	303.9
245.7	260.3
226.2	255.3
238.4	268.3
251.5	275.8
260.3	269.5
252.3	281.8
229.1	251.4
222.9	243.4
167.3	206.7
245.8	262.2
260.9	288.5
268.9	283.3
266.2	294.9
247.5	257.7
266.9	281.9
210.2	212.7
266.7	275.4
225.9	275.7
266.0	289.5
263.7	279.9
254.0	267.1
282.3	307.8

GCGA MID-MET - Walden Ponds

	Club Speed	Ball Speed	Smash Factor	Launch Angle	Spin Rate	Attack Angle	Spin Axis
Alex Rodger	114.0	171.2	1.50	11.0	3724	2.4	5.3
Andrew Acomb	100.3	143.3	1.43	13.1	2473	-3.5	14.5
Andy Ebel	102.8	148.3	1.44	10.7	3182	-5.1	4.9
Andy Kelley	110.2	155.7	1.41	4.3	3668	-3.8	-0.1
Bill Williamson	106.9	159.8	1.49	8.5	2565	-1.3	-6.8
Brad Wilder	118.3	173.1	1.46	6.9	3633	-6.5	4.9
Brian Polark	108.4	159.8	1.47	8.4	3783	-2.4	3.3
Chris Hatke	90.4	129.5	1.43	7.1	4531	-5.5	-1.4
Craig Higgins	97.5	149.3	1.50	11.2	2684	6.4	-39.0
Daniel Vosel	103.0	156.8	1.50	11.8	2823	2.2	-5.0
Dave Meiering	109.0	157.0	1.44	9.4	3965	-0.9	9.5
Edward McCoy	93.8	138.0	1.47	10.6	1962	0.5	-7.4
Eric Zahn	94.8	131.1	1.38	13.0	2777	-1.4	4.3
Geoff Stevens	124.1	180.5	1.46	8.3	3142	-2.2	1.7
Jack Wooten	105.2	154.6	1.47	11.7	3116	-3.1	6.4
Jared Rieger	101.2	146.2	1.44	12.5	4815	3.0	11.3
Jim Sheldon	119.5	175.1	1.46	6.9	3218	-3.6	7.3
Joe Sparhawk	110.6	164.9	1.49	8.8	3798	-2.4	5.7
John Dicker	95.5	143.0	1.50	11.7	2623	1.7	6.1
Jonathan Feldkamp Jr.	114.3	169.7	1.48	8.1	2718	0.5	-10.5
Justin Fender	108.5	161.6	1.48	10.4	2485	-0.5	-2.1
Keith Brackenridge	100.3	150.5	1.50	9.3	2392	1.1	3.1
Kevin Pong	99.7	150.1	1.50	7.9	2418	0.6	7.9
Kirk Ashcraft	104.2	145.5	1.40	6.1	3775	-8.5	8.2
Kyle DeBord	110.2	159.1	1.44	12.3	3484	3.4	10.2
Lance Lucas	113.9	164.1	1.44	4.6	4026	-8.0	0.6
Mark Boothby	96.8	147.7	1.50	11.5	2678	1.1	1.1
Mark Daniel	105.5	156.9	1.49	6.5	2280	-6.4	2.8

Carry Distance	Total Distance
277.5	288.5
233.9	256.2
243.1	261.6
221.1	251.6
241.5	273.7
276.6	295.2
244.6	259.4
179.6	203.2
183.7	235.3
260.4	282.6
247.4	261.6
209.0	241.9
205.3	224.3
297.2	313.5
256.9	272.4
226.5	236.5
275.0	299.0
263.1	275.8
225.8	255.1
272.9	294.7
262.6	287.2
239.7	267.3
230.5	259.5
214.8	240.5
259.3	272.9
245.8	264.1
241.1	262.8
198.4	245.3

Mitch Mahoney
R.J. Foltz
Ryan Dages
Ryan Heinly
Ryan Rieckhoff
Scott Cooper
Steve Neely
Tim Sorrows
Todd Gailar
Tony Boeing

99.9	143.3	1.50	11.6	2563	2.5	0.2
114.9	164.8	1.43	11.4	2584	-2.3	-5.9
122.5	176.1	1.43	6.8	3807	-3.3	5.7
99.5	142.9	1.44	12.3	4846	-7.4	8.6
111.9	168.6	1.50	9.7	2839	-2.3	-1.0
109.7	162.7	1.48	8.8	1599	-1.6	-0.5
93.2	143.7	1.50	11.9	2808	4.3	-3.5
99.0	148.5	1.50	10.4	2943	-0.8	2.1
98.7	148.4	1.50	6.7	2302	0.4	-20.1
105.6	154.3	1.46	6.0	2647	-2.4	-4.5

239.9	271.6
274.5	297.1
286.0	302.4
218.0	229.7
276.9	297.7
256.1	295.1
231.9	258.5
237.7	257.6
225.2	259.5
214.3	251.6