# GOLF BALL FLIGHT PROFILES

(ILLUSTRATION J)

LONGEST PGA TOUR PLAYERS DRIVER

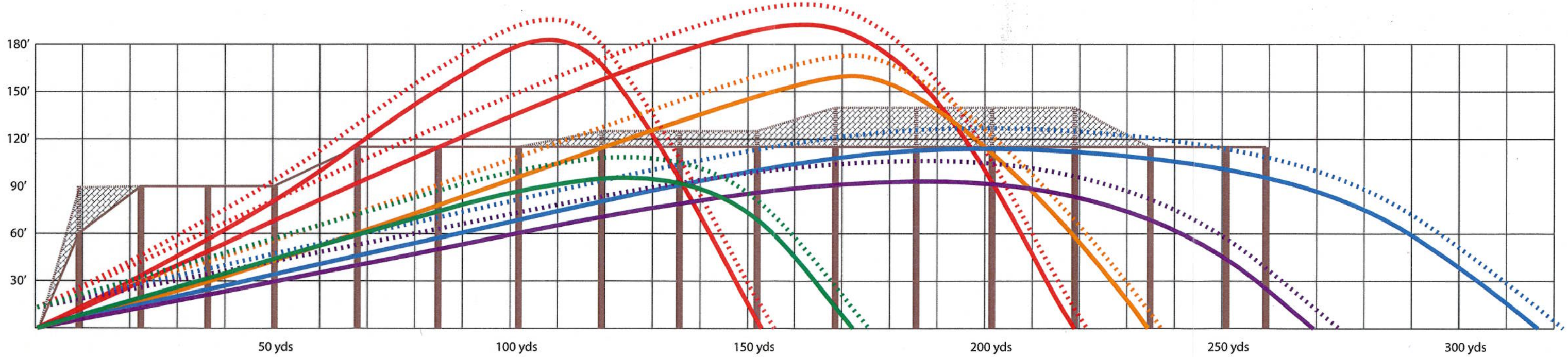
AVERAGE PGA TOUR PLAYERS DRIVER

AVERAGE PGA TOUR PLAYERS 7 IRON

RANDOM WORST CASE 99.7% (4 out of 1166 balls traveled above 180')

RANDOM WORST CASE 98.0% (20 out of 1166 balls traveled above 140')

DASHED LINES ARE SAME BALLFLIGHT FROM 2nd FLOOR

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# Jefferson Park Ball Flight Study

**Prepared by Bassetti Architects**

**10/12/2011**

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**Summary:**
Seattle Parks & Recreation, the owner of Jefferson Park Golf Course, plans to add a new tee line structure with a second floor, doubling the current capacity. The purpose of this study is to identify the potential locations and probability that golf balls can be hit over the existing netting. It is highly recommended that the golf course document the current conditions and frequency of balls that travel outside the facility. It is impossible to keep all golf balls from being hit over the existing or proposed netting. There are locations that can be improved or evaluated from a cost stand point to determine if it is worth the expense. 14 existing poles and netting locations have the capability to be raised. Those locations are generally where a mishit driver would carry outside the range. The netting will need to be extended to the new structure. It is our recommendation that the two wooden poles adjacent to the existing range structure are replaced with new 90' steel poles as part of the extensions required to meet the new driving range structure.

**Jefferson Park Ball Flight Study**

Jefferson Park has a large range by traditional standards. It is up to 258 yards long and 80 yards wide with 115 foot high netting around most of the facility. The clubhouse renovation plan includes an expansion of the teeing line facility to 2 levels. The existing facility may or may not remain open during construction. The accompanying illustration shows the locations and elevations of the existing pole and netting system. (*Illustration A)*

Bassetti Architects, as part of their contract, has performed a ball and netting study to determine the efficacy of the existing netting structure for the new facility.

Hitting stations have been identified A-Z on the plan. Five hitting stations were chosen for analysis (C, G, L, R & W), based on worst case and typical locations. The distances to each pole were measured as indicated in *Illustrations B - G.* The distances and elevations were then analyzed as if the average PGA Tour Player were hitting from each station. The PGA Tour Player's average competition statistics can be seen on the accompanying *chart #1.* The Tour player hits, or carries in the air, a 7 iron highest and a driver the longest. The average PGA Tour player carries their 7 iron 172 yards with an apex height of 96 feet. The average PGA Tour player carries their driver 269 yards with an apex height of 93 feet.

The average PGA Tour player was placed at the five hitting stations and their 7 iron shots and drives were theoretically hit to each pole to see if the shots would carry over the nets. The data is shown on *chart #2.* The chart identifies the distance to each pole, the height of the net at each pole relative to the location of the player (1st or 2nd level), the height of the average PGA Tour player's golf ball at each pole for both driver and 7 iron. If there is any clearance of the golf ball above the net from either level, it has been indicated with red bold numbers.

There are two instances of the average tour player being able to carry the net from the ground level hitting stations with their 7 iron shot. The 60' wood poles are capable of being carried from the opposite sides of the tee line (tee locations C and W). This shot is an inaccurately struck and dangerous shot because it would require hitting back towards all the other players on the tee line. All other shots hit by the PGA Tour's average player from the first level were contained by the existing netting.

The average PGA Tour player hitting balls from the new 2nd level were able to clear the netting at 13 existing pole locations using a 7 iron and driver. The down range clearances were minimal and ranged from 1 to 4 feet. Much of the clearance can be attributed to the change in ground elevation. The land slopes from west to east, by as much as 5 feet, and from north to south, by as much as 17 feet. *Illustration H* shows the elevation changes across the range, the darker the color the higher the elevation. This geometry allows for easier clearance of the right side netting, especially when hitting from the higher left side of the tee line.

The average PGA Tour player's drive would not carry over the netting, from the 2nd level, during the course of normal practice. Only if they were deliberately trying to hit balls, to the 13 pole locations,

would they be able to clear the netting. These instances have been indicated on *illustration G*. The yellow poles were carried from one of the five locations on the data sheet. The orange poles were carried from two tee locations and the red poles were carried by three or more of the 5 tee locations (poles #8, 12, 13, 24 & 25).

PGA Tour data has been acquired and measured with the use of a Trackman, a sophisticated device with multiple radar detectors that measure every characteristic of the golf ball from impact, through flight and landing. This device is used to optimize the player's ability to hit a golf ball far. It is also utilized when fitting the right equipment to a players swing.

**It is impossible to keep all balls within the current Jefferson range, or within the proposed higher nets. The golfer described below can hit it out of the current (or almost any) facility.**

**Random fast swinging inaccurate player**

A player with a swing speed higher than most PGA Tour players, but with an erratic swing that produces far less accuracy. We acquired Trackman data from 1166 random shots from a golf school. The data was primarily gathered for club fitting and testing driver distances. 54 of the shots (4.6%) had an apex above 115', the height of the current netting at Jefferson Park. 20 shots (1.7%) had an apex above 140', the height of the proposed netting height. These balls were hit with a swing speed greater than 80% of the PGA Tour player's average drive swing speed (see chart *3*). These shots had unusual launch angles and flight characteristics. The data shows that they were probably full shots that were struck towards the crown, or top, of the driver. This strike causes the ball to launch on an unusually high trajectory. These shots would carry the netting if hit from the wrong location in the wrong direction. There are also instances where a high level collegiate player could hit out of the range if that was their goal. When hitting from the left most bay a highly skilled player can hook a ball over the net if desired.

All of the described ball trajectories can be seen on *illustration J*.

**Conclusion:**

The 60' wooden poles at the south end of the range netting are a potential problem area for containing balls. Netting will need to be added to connect to the new tee line structure. As the structure is finalized a first pole height can be determined. A 90' steel pole is recommended at this time.

The proposed additional netting at poles 7-15 & 22-30 would reduce the potential for balls to carry the netting. That cost should be compared to the current conditions and risk tolerance.

Range monitoring is highly effective in limiting ball escapes. All hitting bays should be within view of the professional or monitored by cameras to deter dangerous users. It is our recommendation to allow irons only from the second level range deck.

Range tees need to be sloped to drain properly, usually 1%. It is recommended to construct the tee line sloping downwards towards the range. This will lower the ball flight trajectory, perhaps as much as 5 feet for a well struck 7 iron. Also, very few players have the awareness to identify this slope.

Finally, while limited flight golf balls are currently used at Interbay Driving Range, they were not considered as part of this study for Jefferson Park Driving Range.

**Glossary:**

**PGA Tour Player**

The average PGA Tour player can swing their driver producing a clubhead speed of 113 miles per hour. The longest players can achieve swing speeds of up to 128mph, which translates into a ball speed of 191 mph. Presently there is a technical limit on equipment and balls that limits the ratio of ball speed to clubhead speed (1.485 smash factor). Future increases are limited to the ability of the player to swing faster. This may be accomplished by making a lighter golf club. Statistics for 2011 can be found here: http://www.pgatour.com/r/stats/filter/?4.

**Smash Factor**

The smash factor is the ratio of ball speed to club head speed (Ball speed / Club speed). The average player rarely hits the ball with the efficiency of a professional, thus have much lower smash factors (even though they may swing just as fast).

**Ball Compression**

The word "compression" defines the deflection that a golf ball undergoes when subjected to a compressive load. Compression measures how much the shape a golf ball changes under a constant weight. Golf balls used to be marketed by their compression, prior to introduction of the high end solid golf ball, non-wound construction. It was thought that slower swing speeds got more of a rebound with a lower compression. A lower compression ball negligibly reduces the distance traveled when hit by a highly skilled player.

**Trackman**

TrackMan is used by the PGA Tour, USGA and R&A for swing and ball flight analysis. A staple on professional tours, with leading club fitters, manufacturers, retailers, universities, academies, instructors, players and broadcast TV. Using Doppler radar - the same technology employed by the military for tracking missiles - TrackMan analyzes the golf swing and entire flight of the ball from impact to landing: displaying the ball's 3D trajectory in real time.

**How a Golf Ball Produces Lift**

Lift is an aerodynamic force which affects the flight of a golf ball. Given the proper spin a golf ball can produce lift. The backspin increases the speed on the upper surface of the ball while decreasing the speed on the lower surface. From the Bernoulli principle, when the velocity increases the pressure decreases. Therefore, the pressure on the upper surface is less than the pressure on the lower surface of the ball. This pressure differential results in a finite lift being applied to the ball.

JEFFERSON PARK RANGE
INDIVIDUAL POLE ELEVATIONS & LOCATIONS
(ILLUSTRATION A)
#1 A 346.5′ 60′
#2 C 346.0′ 90′
#3 C 344.7′ 90′
#4 B 344.8′ 90′
#5 D 342.9′ 115′
#6 D 342.9′ 115′
#7 D 341.8′ 115′
#8 D 341.2′ 115′
#9 D 340.2′ 115′
#10 D 339.2′ 115′
#11 D 338.2′ 115′
#12 D 337.4′ 115′
#13 D 337.1′ 115′
#14 D 336.2′ 115′
#15 D 333.0′ 115′
#16 D 333.9′ 115′
#17 D 332.5′ 115′
#18 D 332.8′ 115′
#19 D 333.3′ 115′
#20 D 333.3′ 115′
#21 D 334.0′ 115′
#22 D 334.5′ 115′
#23 D 335.5′ 115′
#24 D 336.2′ 115′
#25 D 336.8′ 115′
#26 D 337.8′ 115′
#27 D 339.0′ 115′
#28 D 340.5′ 115′
#29 D 342.0′ 115′
#30 D 344.0′ 115′
#31 D 345.2′ 115′
#32 D 349.6′ 115′
#33 C 349.9′ 90′
#34 C 350.0′ 90′
#35 A 350.0′ 60′
Pole #
Pole Type
Elevation
Height
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
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JEFFERSON PARK RANGE
DISTANCES FROM
TEE LINE TO
INDIVIDUAL POLES
(ILLUSTRATION B)
#1 A 346.5′ 60′
#2 C 346.0′ 90′
#3 C 344.7′ 90′
#4 B 344.8′ 90′
#5 D 342.9′ 115′
#6 D 342.9′ 115′
#7 D 341.8′ 115′
#8 D 341.2′ 115′
#9 D 340.2′ 115′
#10 D 339.2′ 115′
#11 D 338.2′ 115′
#12 D 337.4′ 115′
#13 D 337.1′ 115′
#14 D 336.2′ 115′
#15 D 333.0′ 115′
#16 D 333.9′ 115′
#17 D 332.5′ 115′
#18 D 332.8′ 115′
#19 D 333.3′ 115′
#20 D 333.3′ 115′
#21 D 334.0′ 115′
#22 D 334.5′ 115′
#23 D 335.5′ 115′
#24 D 336.2′ 115′
#25 D 336.8′ 115′
#26 D 337.8′ 115′
#27 D 339.0′ 115′
#28 D 340.5′ 115′
#29 D 342.0′ 115′
#30 D 344.0′ 115′
#31 D 345.2′ 115′
#32 D 349.6′ 115′
#33 C 349.9′ 90′
#34 C 350.0′ 90′
#35 A 350.0′ 60′
Pole #
Pole Type
Elevation
Height
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
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JEFFERSON PARK RANGE
DISTANCES FROM
TEE LINE TO
INDIVIDUAL POLES
(ILLUSTRATION C)
#1 A 346.5′ 60′
#2 C 346.0′ 90′
#3 C 344.7′ 90′
#4 B 344.8′ 90′
#5 D 342.9′ 115′
#6 D 342.9′ 115′
#7 D 341.8′ 115′
#8 D 341.2′ 115′
#9 D 340.2′ 115′
#10 D 339.2′ 115′
#11 D 338.2′ 115′
#12 D 337.4′ 115′
#13 D 337.1′ 115′
#14 D 336.2′ 115′
#15 D 333.0′ 115′
#16 D 333.9′ 115′
#17 D 332.5′ 115′
#18 D 332.8′ 115′
#19 D 333.3′ 115′
#20 D 333.3′ 115′
#21 D 334.0′ 115′
#22 D 334.5′ 115′
#23 D 335.5′ 115′
#24 D 336.2′ 115′
#25 D 336.8′ 115′
#26 D 337.8′ 115′
#27 D 339.0′ 115′
#28 D 340.5′ 115′
#29 D 342.0′ 115′
#30 D 344.0′ 115′
#31 D 345.2′ 115′
#32 D 349.6′ 115′
#33 C 349.9′ 90′
#34 C 350.0′ 90′
#35 A 350.0′ 60′
Pole #
Pole Type
Elevation
Height
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
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JEFFERSON PARK RANGE
DISTANCES FROM
TEE LINE TO
INDIVIDUAL POLES
(ILLUSTRATION D)
#1 A 346.5' 60'
#2 C 346.0' 90'
#3 C 344.7' 90'
#4 B 344.8' 90'
#5 D 342.9' 115'
#6 D 342.9' 115'
#7 D 341.8' 115'
#8 D 341.2' 115'
#9 D 340.2' 115'
#10 D 339.2' 115'
#11 D 338.2' 115'
#12 D 337.4' 115'
#13 D 337.1' 115'
#14 D 336.2' 115'
#15 D 333.0' 115'
#16 D 333.9' 115'
#17 D 332.5' 115'
#18 D 332.8' 115'
#19 D 333.3' 115'
#20 D 333.3' 115'
#21 D 334.0' 115'
#22 D 334.5' 115'
#23 D 335.5' 115'
#24 D 336.2' 115'
#25 D 336.8' 115'
#26 D 337.8' 115'
#27 D 339.0' 115'
#28 D 340.5' 115'
#29 D 342.0' 115'
#30 D 344.0' 115'
#31 D 345.2' 115'
#32 D 349.6' 115'
#33 C 349.9' 90'
#34 C 350.0' 90'
#35 A 350.0' 60'
Pole #
Pole Type
Elevation
Height
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
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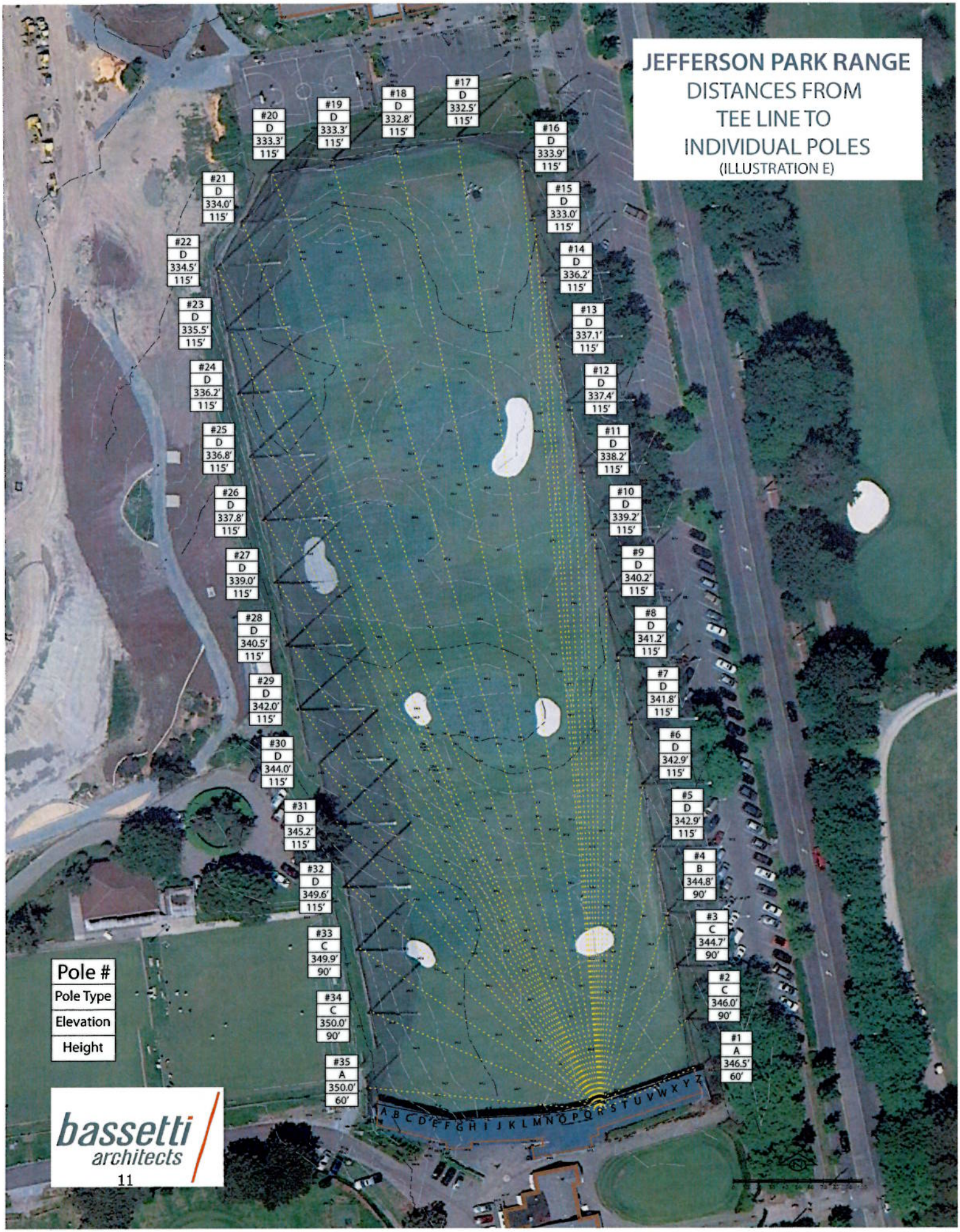
JEFFERSON PARK RANGE
DISTANCES FROM
TEE LINE TO
INDIVIDUAL POLES
(ILLUSTRATION E)
#1 A 346.5′ 60′
#2 C 346.0′ 90′
#3 C 344.7′ 90′
#4 B 344.8′ 90′
#5 D 342.9′ 115′
#6 D 342.9′ 115′
#7 D 341.8′ 115′
#8 D 341.2′ 115′
#9 D 340.2′ 115′
#10 D 339.2′ 115′
#11 D 338.2′ 115′
#12 D 337.4′ 115′
#13 D 337.1′ 115′
#14 D 336.2′ 115′
#15 D 333.0′ 115′
#16 D 333.9′ 115′
#17 D 332.5′ 115′
#18 D 332.8′ 115′
#19 D 333.3′ 115′
#20 D 333.3′ 115′
#21 D 334.0′ 115′
#22 D 334.5′ 115′
#23 D 335.5′ 115′
#24 D 336.2′ 115′
#25 D 336.8′ 115′
#26 D 337.8′ 115′
#27 D 339.0′ 115′
#28 D 340.5′ 115′
#29 D 342.0′ 115′
#30 D 344.0′ 115′
#31 D 345.2′ 115′
#32 D 349.6′ 115′
#33 C 349.9′ 90′
#34 C 350.0′ 90′
#35 A 350.0′ 60′
Pole #
Pole Type
Elevation
Height
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
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JEFFERSON PARK RANGE
DISTANCES FROM
TEE LINE TO
INDIVIDUAL POLES
(ILLUSTRATION F)
#1 A 346.5′ 60′
#2 C 346.0′ 90′
#3 C 344.7′ 90′
#4 B 344.8′ 90′
#5 D 342.9′ 115′
#6 D 342.9′ 115′
#7 D 341.8′ 115′
#8 D 341.2′ 115′
#9 D 340.2′ 115′
#10 D 339.2′ 115′
#11 D 338.2′ 115′
#12 D 337.4′ 115′
#13 D 337.1′ 115′
#14 D 336.2′ 115′
#15 D 333.0′ 115′
#16 D 333.9′ 115′
#17 D 332.5′ 115′
#18 D 332.8′ 115′
#19 D 333.3′ 115′
#20 D 333.3′ 115′
#21 D 334.0′ 115′
#22 D 334.5′ 115′
#23 D 335.5′ 115′
#24 D 336.2′ 115′
#25 D 336.8′ 115′
#26 D 337.8′ 115′
#27 D 339.0′ 115′
#28 D 340.5′ 115′
#29 D 342.0′ 115′
#30 D 344.0′ 115′
#31 D 345.2′ 115′
#32 D 349.6′ 115′
#33 C 349.9′ 90′
#34 C 350.0′ 90′
#35 A 350.0′ 60′
Pole #
Pole Type
Elevation
Height
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
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# PGA Tour Averages

TRACKMAN STATS

| | Club Speed (mph) | Attack Angle (deg) | Ball Speed (mph) | Smash Factor | Vertical Launch (deg) | Spin Rate (rpm) | Max Height (yds) | Land. Angle (deg) | Carry (yds) |
|---|---|---|---|---|---|---|---|---|---|
| Driver | 112 | -1.3° | 165 | 1.49 | 11.2° | 2685 | 31 | 39° | 269 |
| 3-wood | 107 | -2.9° | 158 | 1.48 | 9.2° | 3655 | 30 | 43° | 243 |
| 5-wood | 103 | -3.3° | 152 | 1.47 | 9.4° | 4350 | 31 | 47° | 230 |
| Hybrid 15-18° | 100 | -3.5° | 146 | 1.46 | 10.2° | 4437 | 29 | 47° | 225 |
| 3 Iron | 98 | -3.1° | 142 | 1.45 | 10.4° | 4630 | 27 | 46° | 212 |
| 4 Iron | 96 | -3.4° | 137 | 1.43 | 11.0° | 4836 | 28 | 48° | 203 |
| 5 Iron | 94 | -3.7° | 132 | 1.41 | 12.1° | 5361 | 31 | 49° | 194 |
| 6 Iron | 92 | -4.1° | 127 | 1.38 | 14.1° | 6231 | 30 | 50° | 183 |
| 7 Iron | 90 | -4.3° | 120 | 1.33 | 16.3° | 7097 | 32 | 50° | 172 |
| 8 Iron | 87 | -4.5° | 115 | 1.32 | 18.1° | 7998 | 31 | 50° | 160 |
| 9 Iron | 85 | -4.7° | 109 | 1.28 | 20.4° | 8647 | 30 | 51° | 148 |
| PW | 83 | -5.0° | 102 | 1.23 | 24.2° | 9304 | 29 | 52° | 136 |

Note: Please be aware that the *location* and *weather conditions* haven't been taken into consideration. Besides these reservations the data is based on a large number of shots and give a good indication on key numbers for tour players.

(CHART 1)

# JEFFERSON PARK GOLF COURSE RANGE STUDY

**Locations for net clearances when the average PGA Tour player hits their highest and longest clubs**

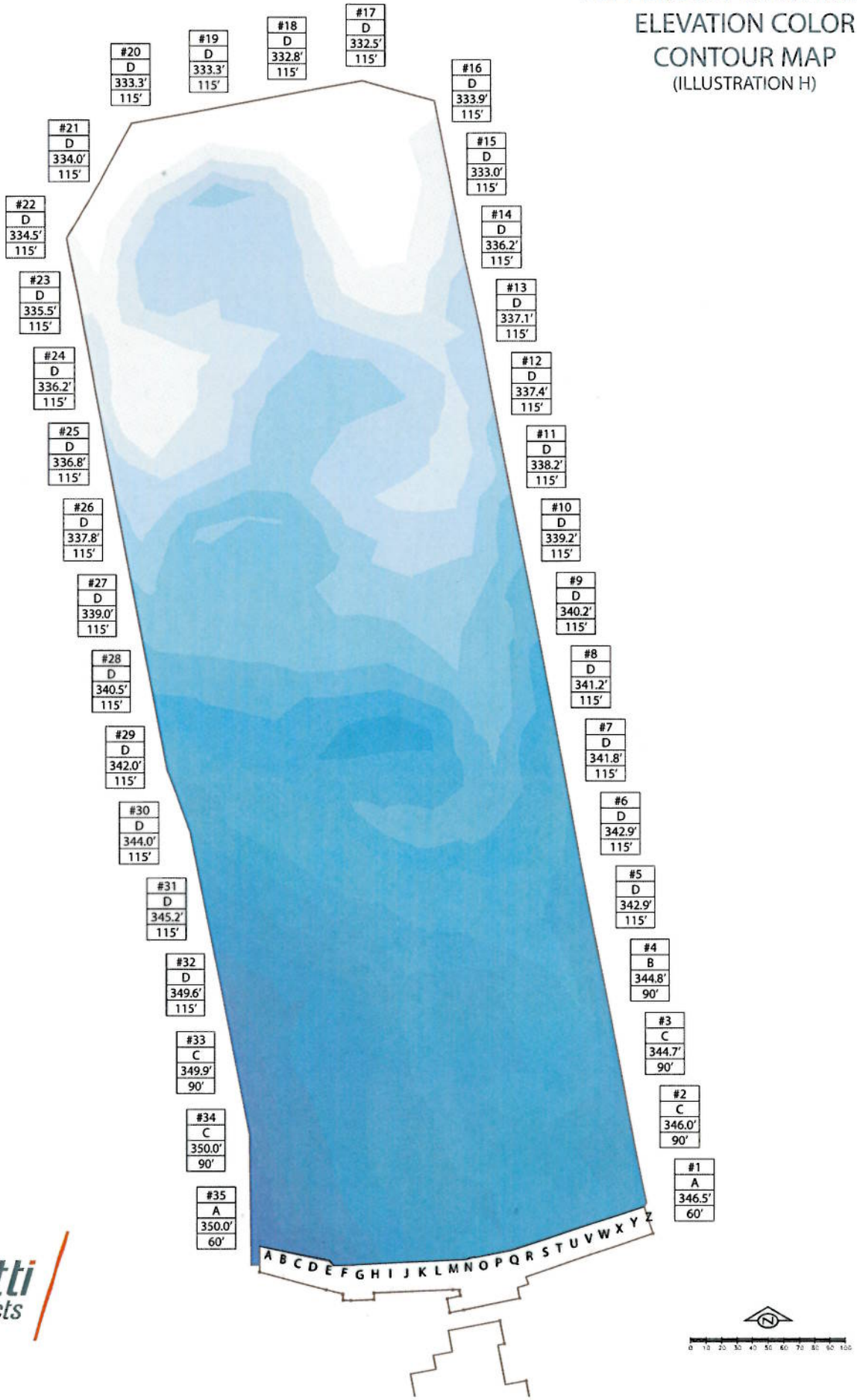
*(CHART 2)*

| | | POLE # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | POLE HEIGHT (ft) | 60 | 90 | 90 | 90 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| | | ELEVATION (ft) | 346.5 | 346 | 344.7 | 344.8 | 342.9 | 342.9 | 341.8 | 341.2 | 340.2 | 339.2 | 338.2 | 337.4 | 337.1 |
| | STATION | 1st Level 2nd Level | DISTANCE TO POLE IN YARDS | | | | | | | | | | | | |
| DISTANCE (yds) | C | | 75 | 76 | 80 | 85 | 95 | 106 | 118 | 132 | 146 | 160 | 175 | 190 | 206 |
| NET HEIGHT 1st Level (ft) | | 350.1 | 56 | 86 | 85 | 85 | 108 | 108 | 107 | 106 | 105 | 104 | 103 | 102 | 102 |
| NET HEIGHT 2nd Level (ft) | | 363.1 | 43 | 73 | 72 | 72 | 95 | 95 | 94 | 93 | 92 | 91 | 90 | 89 | 89 |
| TOUR HEIGHT DRIVER (ft) | | | 44 | 44 | 46 | 50 | 55 | 62 | 69 | 77 | 85 | 89 | 92 | 93 | 90 |
| TOUR HEIGHT 7 IRON (ft) | | | 63 | 64 | 67 | 72 | 80 | 89 | 96 | 94 | 84 | 42 | 0 | 0 | 0 |
| CLEARANCE (ft) | | | 20 | 9 | 5 | 0 | 15 | 6 | 2 | 1 | 7 | 2 | 2 | 4 | 1 |
| DISTANCE (yds) | G | | 63 | 65 | 70 | 78 | 89 | 101 | 115 | 130 | 145 | 159 | 175 | 191 | 206 |
| NET HEIGHT 1st Level (ft) | | 347.6 | 59 | 88 | 87 | 87 | 110 | 110 | 109 | 109 | 108 | 107 | 106 | 105 | 105 |
| NET HEIGHT 2nd Level (ft) | | 360.6 | 46 | 75 | 74 | 74 | 97 | 97 | 96 | 96 | 95 | 94 | 93 | 92 | 92 |
| TOUR HEIGHT DRIVER (ft) | | | 37 | 38 | 41 | 45 | 52 | 59 | 67 | 76 | 84 | 89 | 92 | 93 | 90 |
| TOUR HEIGHT 7 IRON (ft) | | | 53 | 55 | 59 | 65 | 75 | 85 | 96 | 95 | 84 | 45 | 0 | 0 | 0 |
| CLEARANCE (ft) | | | 7 | 21 | 15 | 9 | 23 | 12 | 0 | 1 | 11 | 5 | 1 | 1 | 2 |
| DISTANCE (yds) | L | | 47 | 50 | 57 | 66 | 79 | 94 | 109 | 125 | 140 | 156 | 172 | 188 | 204 |
| NET HEIGHT 1st Level (ft) | | 347.8 | 59 | 88 | 87 | 87 | 110 | 110 | 109 | 108 | 107 | 106 | 105 | 105 | 104 |
| NET HEIGHT 2nd Level (ft) | | 360.8 | 46 | 75 | 74 | 74 | 97 | 97 | 96 | 95 | 94 | 93 | 92 | 92 | 91 |
| TOUR HEIGHT DRIVER (ft) | | | 27 | 29 | 33 | 39 | 46 | 55 | 64 | 73 | 82 | 88 | 92 | 93 | 91 |
| TOUR HEIGHT 7 IRON (ft) | | | 40 | 42 | 48 | 56 | 67 | 79 | 91 | 96 | 88 | 55 | 0 | 0 | 0 |
| CLEARANCE (ft) | | | 6 | 33 | 26 | 18 | 30 | 18 | 5 | 1 | 6 | 5 | 0 | 1 | 0 |
| DISTANCE (yds) | R | | 27 | 33 | 42 | 54 | 70 | 86 | 102 | 119 | 135 | 151 | 167 | 184 | 201 |
| NET HEIGHT 1st Level (ft) | | 347.7 | 59 | 88 | 87 | 87 | 110 | 110 | 109 | 109 | 108 | 107 | 106 | 105 | 104 |
| NET HEIGHT 2nd Level (ft) | | 360.7 | 46 | 75 | 74 | 74 | 97 | 97 | 96 | 96 | 95 | 94 | 93 | 92 | 91 |
| TOUR HEIGHT DRIVER (ft) | | | 16 | 19 | 25 | 32 | 41 | 50 | 59 | 69 | 79 | 88 | 89 | 90 | 92 |
| TOUR HEIGHT 7 IRON (ft) | | | 23 | 28 | 36 | 46 | 59 | 72 | 86 | 96 | 92 | 72 | 0 | 0 | 0 |
| CLEARANCE (ft) | | | 23 | 48 | 38 | 28 | 39 | 25 | 10 | 1 | 3 | 6 | 4 | 2 | 1 |
| DISTANCE (yds) | W | | 11 | 20 | 33 | 46 | 63 | 80 | 97 | 114 | 131 | 147 | 163 | 180 | 197 |
| NET HEIGHT 1st Level (ft) | | 346.1 | 60 | 90 | 89 | 89 | 112 | 112 | 111 | 110 | 109 | 108 | 107 | 106 | 106 |
| NET HEIGHT 2nd Level (ft) | | 359.1 | 47 | 77 | 76 | 76 | 99 | 99 | 98 | 97 | 96 | 95 | 94 | 93 | 93 |
| TOUR HEIGHT DRIVER (ft) | | | 7 | 11 | 19 | 27 | 37 | 47 | 57 | 67 | 76 | 85 | 89 | 93 | 92 |
| TOUR HEIGHT 7 IRON (ft) | | | 10 | 17 | 28 | 39 | 53 | 67 | 82 | 96 | 94 | 84 | 35 | 0 | 0 |
| CLEARANCE (ft) | | | 38 | 60 | 48 | 37 | 45 | 31 | 16 | 1 | 2 | 10 | 5 | 0 | 1 |

| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 115 | 90 | 90 | 60 |
| 336.2 | 333 | 333.9 | 332.5 | 332.8 | 333.3 | 333.3 | 334 | 334.5 | 335.5 | 336.2 | 336.8 | 337.8 | 339 | 340.5 | 342 | 344 | 346.2 | 349.8 | 349.9 | 350 | 350 |
| 221 | 236 | 252 | 255 | 252 | 250 | 248 | 237 | 226 | 210 | 193 | 177 | 160 | 143 | 126 | 110 | 95 | 80 | 62 | 46 | 29 | 13 |
| 101 | 98 | 99 | 97 | 98 | 98 | 98 | 99 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 107 | 109 | 111 | 115 | 90 | 90 | 60 |
| 88 | 85 | 86 | 84 | 85 | 85 | 85 | 86 | 86 | **87** | **88** | **89** | 90 | 91 | **92** | 94 | 96 | 98 | 102 | 77 | 77 | 47 |
| 82 | 68 | 44 | 35 | 45 | 45 | 46 | 67 | 75 | **87** | **92** | **91** | 89 | 83 | 74 | 64 | 55 | 47 | 36 | 27 | 17 | 8 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 85 | **96** | 92 | 79 | 68 | 52 | 39 | 24 | 11 |
| 6 | 17 | 42 | 49 | 40 | 40 | 39 | 19 | 11 | **0** | **4** | **2** | **1** | 6 | **4** | **2** | 17 | 30 | 50 | 38 | 53 | 36 |
| 222 | 238 | 253 | 257 | 255 | 254 | 253 | 242 | 232 | 216 | 199 | 183 | 166 | 149 | 133 | 116 | 101 | 87 | 69 | 54 | 38 | 26 |
| 104 | 100 | 101 | 100 | 100 | 101 | 101 | 101 | 102 | 103 | 104 | 104 | 105 | 106 | 108 | 109 | 111 | 114 | 117 | 92 | 92 | 62 |
| 91 | 87 | 88 | 87 | 87 | 88 | 88 | 88 | 89 | 90 | **91** | **91** | 92 | 93 | 95 | **96** | 98 | 101 | 104 | 79 | 79 | 49 |
| 81 | 65 | 42 | 24 | 35 | 40 | 42 | 59 | 72 | 85 | **92** | **93** | 90 | 85 | 77 | 68 | 59 | 51 | 40 | 31 | 22 | 15 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 75 | 93 | **96** | 85 | 73 | 58 | 45 | 32 | 22 |
| 10 | 22 | 46 | 63 | 52 | 48 | 46 | 29 | 17 | 5 | **1** | **2** | **2** | 8 | **2** | **0** | 13 | 28 | 46 | 34 | 47 | 28 |
| 220 | 236 | 252 | 256 | 256 | 256 | 256 | 246 | 236 | 220 | 204 | 188 | 171 | 155 | 138 | 122 | 107 | 93 | 77 | 63 | 49 | 41 |
| 103 | 100 | 101 | 100 | 100 | 101 | 101 | 101 | 102 | 103 | 103 | 104 | 105 | 106 | 108 | 109 | 111 | 113 | 117 | 92 | 92 | 62 |
| 90 | 87 | 88 | 87 | 87 | 88 | 88 | 88 | 89 | 90 | **90** | **91** | 92 | 93 | 95 | 96 | 98 | 100 | 104 | 79 | 79 | 49 |
| 83 | 68 | 45 | 33 | 33 | 33 | 33 | 50 | 68 | 83 | **90** | **93** | 91 | 87 | 81 | 71 | 63 | 54 | 45 | 37 | 29 | 24 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 90 | 95 | 90 | 79 | 65 | 53 | 42 | 35 |
| 7 | 19 | 43 | 54 | 54 | 55 | 55 | 38 | 21 | 7 | **0** | **2** | **1** | 6 | 5 | **1** | 8 | 22 | 39 | 26 | 38 | 14 |
| 217 | 233 | 249 | 255 | 256 | 256 | 258 | 249 | 240 | 224 | 208 | 192 | 176 | 160 | 145 | 130 | 115 | 102 | 88 | 75 | 65 | 60 |
| 104 | 100 | 101 | 100 | 100 | 101 | 101 | 101 | 102 | 103 | 104 | 104 | 105 | 106 | 108 | 109 | 111 | 114 | 117 | 92 | 92 | 62 |
| 91 | 87 | 88 | 87 | 87 | 88 | 88 | 88 | 89 | 90 | 91 | **91** | 92 | 93 | 95 | 96 | 98 | 101 | 104 | 79 | 79 | **49** |
| 85 | 70 | 46 | 35 | 33 | 33 | 24 | 45 | 60 | 80 | 88 | **93** | 91 | 89 | 85 | 76 | 67 | 60 | 51 | 44 | 38 | 35 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 83 | 95 | 96 | 86 | 74 | 63 | 54 | **51** |
| 6 | 17 | 42 | 52 | 54 | 55 | 64 | 43 | 29 | 10 | 3 | **2** | **1** | 4 | 10 | **1** | **2** | 15 | 30 | 16 | 25 | **1** |
| 214 | 230 | 246 | 253 | 254 | 256 | 259 | 250 | 243 | 227 | 211 | 196 | 180 | 166 | 150 | 136 | 122 | 110 | 97 | 87 | 78 | 75 |
| 105 | 102 | 103 | 101 | 102 | 102 | 102 | 103 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 111 | 113 | 115 | 119 | 94 | 94 | 64 |
| 92 | 89 | 90 | 88 | 89 | 89 | 89 | 90 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 98 | 100 | 102 | 106 | 81 | 81 | **51** |
| 85 | 72 | 50 | 40 | 37 | 33 | 24 | 46 | 57 | 75 | 87 | 92 | 93 | 90 | 85 | 79 | 71 | 64 | 57 | 51 | 45 | 44 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 92 | 96 | 92 | 82 | 73 | 65 | **63** |
| 7 | 17 | 40 | 48 | 52 | 56 | 65 | 44 | 33 | 16 | 5 | **1** | **1** | 5 | 11 | 6 | 4 | 10 | 24 | 8 | 16 | **13** |

JEFFERSON PARK RANGE
POLES MOST LIKELY
TO BE CARRIED BY THE
AVERAGE PGA TOUR PLAYER
(ILLUSTRATION G)
#1 A 346.5' 60'
#2 C 346.0' 90'
#3 C 344.7' 90'
#4 B 344.8' 90'
#5 D 342.9' 115'
#6 D 342.9' 115'
#7 D 341.8' 115'
#8 D 341.2' 115'
#9 D 340.2' 115'
#10 D 339.2' 115'
#11 D 338.2' 115'
#12 D 337.4' 115'
#13 D 337.1' 115'
#14 D 336.2' 115'
#15 D 333.0' 115'
#16 D 333.9' 115'
#17 D 332.5' 115'
#18 D 332.8' 115'
#19 D 333.3' 115'
#20 D 333.3' 115'
#21 D 334.0' 115'
#22 D 334.5' 115'
#23 D 335.5' 115'
#24 D 336.2' 115'
#25 D 336.8' 115'
#26 D 337.8' 115'
#27 D 339.0' 115'
#28 D 340.5' 115'
#29 D 342.0' 115'
#30 D 344.0' 115'
#31 D 345.2' 115'
#32 D 349.6' 115'
#33 C 349.9' 90'
#34 C 350.0' 90'
#35 A 350.0' 60'
Pole #
Pole Type
Elevation
Height
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
bassetti architects

# JEFFERSON PARK RANGE
## ELEVATION COLOR CONTOUR MAP
(ILLUSTRATION H)




bassetti architects

**2011 PGA TOUR STATISTICAL LEADERS as of 9/25/2011**

The players identified are only for clubhead speed - each category has a different list of players not supplied

*(CHART 3)*

| RANK | PLAYER | ROUNDS | # | CLUBHEAD SPEED AVG | CLUBHEAD SPEED FASTEST | CLUBHEAD SPEED SLOWEST | BALL SPEED AVG | BALL SPEED FASTEST | BALL SPEED SLOWEST | CARRY YARDAGE AVG | CARRY YARDAGE LONG | CARRY YARDAGE SHORT | APEX HEIGHT AVG | APEX HEIGHT MAX | APEX HEIGHT MIN | YARDS TO APEX AVG | YARDS TO APEX MAX | YARDS TO APEX MIN | LAUNCH ANGLE AVG | LAUNCH ANGLE MIN | LAUNCH ANGLE MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AVERAGE | | | 113 | 128 | 89 | 167 | 191 | 132 | 270 | 348 | 190 | | | | 181 | 225 | 85 | 10.7 | 0.4 | 32.1 |
| 1 | J.B. Holmes | 57 | 45 | 125 | 128 | 116 | 185 | 191 | 172 | 312 | 348 | 260 | 135' 0" | 167' 8" | 100' 11" | 210 | 225 | 184 | 13.9 | 10.8 | 16.7 |
| 2 | Bubba Watson | 85 | 62 | 124 | 128 | 111 | 183 | 191 | 165 | 297 | 337 | 254 | 114' 11" | 148' 0" | 84' 2" | 205 | 224 | 179 | 13.4 | 10.5 | 16.6 |
| 3 | Gary Woodland | 89 | 70 | 122 | 128 | 104 | 179 | 189 | 150 | 293 | 334 | 234 | 113' 9" | 154' 1" | 77' 11" | 200 | 222 | 156 | 13.3 | 9.7 | 17.3 |
| 4 | Dustin Johnson | 72 | 58 | 121 | 126 | 113 | 179 | 186 | 162 | 293 | 328 | 251 | 113' 5" | 141' 5" | 83' 7" | 198 | 212 | 182 | 13.2 | 9.8 | 19.6 |
| 5 | Jhonattan Vegas | 80 | 72 | 121 | 126 | 103 | 179 | 186 | 151 | 291 | 328 | 240 | 112' 8" | 169' 8" | 65' 7" | 197 | 214 | 152 | 13.2 | 9.1 | 19.8 |
| 6 | Robert Garrigus | 73 | 58 | 121 | 125 | 112 | 179 | 187 | 165 | 290 | 334 | 226 | 112' 3" | 132' 1" | 87' 6" | 195 | 209 | 175 | 13.0 | 11.0 | 16.2 |
| 7 | Tag Ridings | 75 | 57 | 120 | 124 | 103 | 177 | 183 | 149 | 290 | 320 | 226 | 112' 0" | 174' 10" | 60' 5" | 195 | 215 | 148 | 13.0 | 9.6 | 19.7 |
| 8 | Scott Stallings | 78 | 65 | 119 | 126 | 115 | 176 | 183 | 163 | 288 | 333 | 255 | 111' 3" | 130' 11" | 91' 2" | 195 | 213 | 164 | 12.9 | 8.9 | 17.0 |
| 9 | Sergio Garcia | 61 | 47 | 119 | 124 | 114 | 175 | 184 | 164 | 288 | 334 | 255 | 111' 0" | 154' 10" | 81' 5" | 194 | 213 | 139 | 12.7 | 9.3 | 15.4 |
| 10 | Zack Miller | 76 | 63 | 119 | 126 | 101 | 175 | 183 | 162 | 286 | 329 | 256 | 109' 8" | 133' 1" | 65' 4" | 194 | 214 | 136 | 12.6 | 8.9 | 17.2 |
| 11 | Aaron Baddeley | 77 | 65 | 119 | 128 | 110 | 175 | 179 | 169 | 286 | 328 | 249 | 109' 5" | 164' 10" | 74' 10" | 194 | 210 | 175 | 12.6 | 8.5 | 18.9 |
| 11 | Chris Couch | 67 | 59 | 119 | 124 | 98 | 175 | 184 | 163 | 285 | 322 | 233 | 109' 0" | 155' 0" | 72' 7" | 194 | 216 | 170 | 12.6 | 10.3 | 17.9 |
| 13 | James Driscoll | 60 | 47 | 119 | 128 | 111 | 174 | 181 | 160 | 285 | 312 | 256 | 109' 0" | 145' 5" | 63' 7" | 193 | 211 | 178 | 12.6 | 9.3 | 16.4 |
| 14 | Charley Hoffman | 89 | 72 | 118 | 124 | 110 | 174 | 185 | 146 | 283 | 316 | 246 | 108' 10" | 152' 2" | 78' 2" | 193 | 210 | 170 | 12.5 | 9.3 | 16.4 |
| 15 | Bio Kim | 59 | 42 | 118 | 124 | 104 | 174 | 188 | 156 | 283 | 327 | 244 | 108' 9" | 174' 6" | 58' 4" | 193 | 209 | 147 | 12.4 | 8.5 | 15.7 |
| 16 | Nick Watney | 76 | 62 | 118 | 123 | 109 | 174 | 181 | 142 | 283 | 314 | 258 | 108' 1" | 151' 8" | 66' 4" | 193 | 213 | 153 | 12.3 | 8.1 | 17.4 |
| 17 | Kyle Stanley | 90 | 74 | 118 | 127 | 107 | 174 | 181 | 162 | 283 | 318 | 242 | 107' 8" | 151' 5" | 52' 0" | 193 | 209 | 169 | 12.3 | 8.2 | 16.0 |
| 18 | Steven Bowditch | 72 | 62 | 117 | 122 | 107 | 173 | 183 | 155 | 283 | 314 | 241 | 107' 8" | 156' 11" | 67' 6" | 192 | 210 | 177 | 12.3 | 8.9 | 16.1 |
| 19 | Martin Laird | 73 | 61 | 117 | 122 | 109 | 173 | 178 | 156 | 283 | 326 | 251 | 107' 3" | 201' 6" | 58' 6" | 192 | 202 | 173 | 12.3 | 4.9 | 18.1 |
| 20 | Phil Mickelson | 79 | 63 | 117 | 123 | 106 | 173 | 181 | 154 | 283 | 314 | 250 | 106' 10" | 134' 0" | 67' 8" | 192 | 213 | 166 | 12.3 | 10.1 | 14.9 |
| 21 | Robert Karlsson | 61 | 48 | 117 | 121 | 111 | 173 | 179 | 163 | 282 | 317 | 248 | 106' 3" | 150' 1" | 65' 5" | 192 | 210 | 163 | 12.2 | 8.7 | 16.9 |
| 22 | Trevor Immelman | 68 | 51 | 117 | 121 | 108 | 173 | 179 | 157 | 282 | 313 | 250 | 106' 3" | 142' 4" | 79' 5" | 191 | 205 | 171 | 12.2 | 9.0 | 15.6 |
| 23 | Ricky Barnes | 70 | 58 | 117 | 124 | 108 | 173 | 180 | 164 | 282 | 313 | 238 | 106' 2" | 144' 10" | 68' 5" | 191 | 213 | 164 | 12.1 | 7.1 | 20.3 |
| 24 | Bill Haas | 93 | 73 | 117 | 120 | 109 | 173 | 178 | 158 | 282 | 314 | 248 | 106' 1" | 151' 5" | 62' 1" | 191 | 200 | 179 | 12.0 | 8.6 | 15.4 |
| 25 | Adam Scott | 60 | 51 | 117 | 120 | 105 | 172 | 180 | 161 | 282 | 342 | 246 | 105' 6" | 168' 7" | 61' 10" | 191 | 205 | 150 | 12.0 | 8.5 | 15.9 |
| 26 | Keegan Bradley | 91 | 74 | 117 | 121 | 108 | 172 | 180 | 158 | 281 | 310 | 221 | 105' 5" | 155' 8" | 76' 11" | 191 | 201 | 145 | 11.9 | 8.6 | 15.9 |
| 27 | George McNeill | 59 | 50 | 117 | 120 | 111 | 172 | 178 | 163 | 281 | 307 | 248 | 104' 7" | 142' 10" | 46' 8" | 191 | 207 | 155 | 11.8 | 8.8 | 17.8 |
| 28 | John Senden | 90 | 79 | 116 | 123 | 108 | 172 | 176 | 163 | 281 | 316 | 240 | 104' 5" | 128' 7" | 81' 1" | 190 | 213 | 168 | 11.8 | 8.2 | 16.5 |
| 29 | Troy Matteson | 85 | 71 | 116 | 120 | 110 | 172 | 181 | 158 | 281 | 317 | 250 | 103' 11" | 146' 11" | 22' 2" | 190 | 204 | 173 | 11.8 | 8.2 | 32.1 |
| 30 | Charl Schwartzel | 58 | 37 | 116 | 121 | 111 | 172 | 178 | 161 | 281 | 309 | 255 | 103' 8" | 136' 1" | 73' 11" | 190 | 205 | 173 | 11.8 | 6.3 | 16.5 |
| 31 | Lucas Glover | 70 | 55 | 116 | 120 | 110 | 172 | 177 | 159 | 280 | 310 | 250 | 103' 4" | 134' 2" | 68' 1" | 190 | 202 | 171 | 11.8 | 8.1 | 17.5 |
| 32 | Charles Howell III | 102 | 89 | 116 | 120 | 109 | 171 | 181 | 142 | 280 | 313 | 247 | 103' 2" | 143' 4" | 73' 6" | 190 | 203 | 168 | 11.8 | 7.6 | 18.8 |
| 33 | Bobby Gates | 68 | 48 | 116 | 122 | 101 | 171 | 178 | 158 | 280 | 316 | 208 | 102' 10" | 132' 2" | 55' 0" | 190 | 206 | 173 | 11.8 | 8.0 | 16.5 |
| 34 | Michael Putnam | 67 | 47 | 116 | 124 | 112 | 171 | 179 | 150 | 280 | 322 | 247 | 102' 9" | 154' 0" | 67' 5" | 190 | 204 | 174 | 11.7 | 7.2 | 14.4 |
| 35 | Andres Romero | 77 | 66 | 116 | 122 | 111 | 171 | 178 | 155 | 280 | 306 | 221 | 102' 6" | 154' 6" | 58' 2" | 190 | 205 | 167 | 11.7 | 9.2 | 15.7 |
| 36 | Jimmy Walker | 79 | 77 | 116 | 122 | 98 | 171 | 181 | 165 | 280 | 312 | 235 | 102' 5" | 145' 6" | 60' 7" | 190 | 208 | 168 | 11.7 | 8.9 | 15.4 |
| 37 | Jason Day | 76 | 64 | 116 | 121 | 109 | 171 | 178 | 160 | 279 | 311 | 249 | 102' 1" | 142' 6" | 67' 4" | 190 | 204 | 174 | 11.7 | 7.9 | 15.5 |
| 38 | Matt Jones | 61 | 47 | 116 | 120 | 105 | 171 | 178 | 145 | 279 | 314 | 244 | 101' 8" | 137' 11" | 66' 5" | 189 | 199 | 148 | 11.7 | 9.0 | 16.3 |
| 39 | Marc Leishman | 81 | 77 | 116 | 120 | 108 | 171 | 176 | 160 | 279 | 318 | 242 | 101' 8" | 134' 6" | 70' 5" | 189 | 205 | 163 | 11.7 | 3.4 | 15.5 |
| 40 | Alex Prugh | 72 | 55 | 115 | 118 | 111 | 171 | 179 | 159 | 279 | 306 | 247 | 101' 8" | 164' 0" | 46' 5" | 188 | 207 | 168 | 11.7 | 8.4 | 16.9 |
| 41 | D.J. Trahan | 79 | 73 | 115 | 121 | 107 | 171 | 176 | 163 | 279 | 304 | 234 | 101' 7" | 146' 8" | 62' 6" | 188 | 207 | 165 | 11.7 | 7.7 | 16.1 |
| 42 | Joseph Bramlett | 63 | 44 | 115 | 120 | 110 | 171 | 176 | 161 | 278 | 301 | 253 | 101' 6" | 138' 8" | 64' 2" | 188 | 218 | 162 | 11.6 | 8.6 | 17.6 |
| 43 | Kevin Streelman | 80 | 55 | 115 | 119 | 111 | 171 | 175 | 159 | 278 | 312 | 242 | 100' 10" | 125' 6" | 73' 6" | 187 | 201 | 168 | 11.6 | 4.0 | 17.7 |
| 44 | Sean O'Hair | 67 | 46 | 115 | 122 | 106 | 170 | 177 | 156 | 278 | 303 | 239 | 100' 10" | 142' 2" | 56' 5" | 187 | 203 | 166 | 11.6 | 8.2 | 14.3 |
| 45 | David Duval | 57 | 44 | 115 | 118 | 110 | 170 | 177 | 158 | 277 | 312 | 229 | 100' 8" | 158' 10" | 57' 10" | 187 | 205 | 155 | 11.6 | 8.0 | 14.2 |
| 46 | Pat Perez | 74 | 62 | 115 | 120 | 108 | 170 | 177 | 160 | 277 | 313 | 242 | 100' 8" | 134' 10" | 59' 5" | 187 | 202 | 176 | 11.6 | 8.4 | 15.6 |
| 47 | Harrison Frazar | 54 | 37 | 115 | 120 | 98 | 170 | 177 | 154 | 277 | 318 | 247 | 100' 6" | 133' 4" | 41' 0" | 187 | 202 | 163 | 11.5 | 8.7 | 16.6 |
| 48 | Derek Lamely | 51 | 41 | 115 | 119 | 105 | 170 | 181 | 154 | 277 | 310 | 240 | 100' 5" | 131' 10" | 69' 7" | 186 | 204 | 148 | 11.5 | 6.6 | 16.6 |
| 49 | Jim Herman | 57 | 40 | 115 | 119 | 108 | 170 | 175 | 156 | 277 | 318 | 245 | 100' 5" | 131' 10" | 73' 5" | 186 | 201 | 164 | 11.5 | 2.5 | 15.4 |
| 50 | Scott Gutschewski | 55 | 37 | 115 | 119 | 105 | 170 | 175 | 157 | 277 | 310 | 243 | 100' 5" | 135' 2" | 57' 2" | 186 | 202 | 170 | 11.5 | 7.7 | 14.2 |
| 51 | Scott Piercy | 64 | 45 | 115 | 120 | 108 | 170 | 177 | 160 | 277 | 314 | 238 | 100' 4" | 129' 7" | 61' 1" | 186 | 211 | 163 | 11.5 | 7.0 | 16.8 |
| 52 | Ryan Palmer | 78 | 61 | 115 | 120 | 104 | 170 | 176 | 158 | 276 | 300 | 239 | 99' 11" | 133' 10" | 78' 6" | 186 | 202 | 165 | 11.4 | 7.4 | 14.0 |
| 53 | Anthony Kim | 72 | 62 | 115 | 118 | 109 | 170 | 174 | 164 | 276 | 311 | 243 | 99' 8" | 127' 10" | 62' 1" | 186 | 200 | 164 | 11.4 | 6.6 | 14.7 |
| 54 | Justin Rose | 77 | 66 | 115 | 120 | 107 | 170 | 173 | 162 | 276 | 308 | 245 | 99' 8" | 156' 4" | 60' 8" | 186 | 208 | 137 | 11.4 | 3.9 | 14.6 |
| 55 | Retief Goosen | 46 | 38 | 115 | 118 | 110 | 170 | 178 | 160 | 276 | 309 | 251 | 99' 6" | 136' 5" | 73' 10" | 186 | 198 | 168 | 11.4 | 7.5 | 16.2 |
| 56 | Boo Weekley | 54 | 40 | 115 | 119 | 109 | 169 | 175 | 153 | 276 | 300 | 252 | 99' 2" | 128' 6" | 63' 8" | 186 | 199 | 172 | 11.4 | 8.1 | 15.4 |
| 57 | John Rollins | 75 | 63 | 115 | 118 | 106 | 169 | 176 | 159 | 276 | 315 | 235 | 98' 11" | 144' 2" | 62' 0" | 186 | 202 | 155 | 11.3 | 8.3 | 14.5 |
| 57 | Josh Teater | 92 | 72 | 115 | 119 | 107 | 169 | 176 | 158 | 276 | 307 | 241 | 98' 9" | 121' 8" | 82' 8" | 185 | 201 | 171 | 11.3 | 6.7 | 16.7 |
| 59 | Rickie Fowler | 82 | 64 | 115 | 120 | 108 | 169 | 175 | 163 | 276 | 292 | 252 | 98' 7" | 121' 5" | 69' 8" | 185 | 205 | 153 | 11.3 | 8.8 | 16.7 |
| 60 | Davis Love III | 66 | 50 | 114 | 120 | 108 | 169 | 175 | 163 | 276 | 306 | 241 | 98' 6" | 138' 4" | 75' 4" | 185 | 202 | 165 | 11.3 | 7.6 | 15.3 |
| 61 | Kevin Chappell | 68 | 49 | 114 | 118 | 109 | 169 | 176 | 159 | 276 | 298 | 248 | 98' 6" | 129' 0" | 53' 0" | 185 | 197 | 166 | 11.3 | 7.8 | 19.6 |
| 61 | Brandt Jobe | 92 | 74 | 114 | 120 | 105 | 169 | 177 | 157 | 275 | 302 | 250 | 98' 5" | 124' 2" | 67' 8" | 185 | 198 | 166 | 11.3 | 7.8 | 25.2 |
| 63 | Brendon de Jonge | 99 | 86 | 114 | 120 | 108 | 169 | 173 | 163 | 275 | 311 | 239 | 98' 4" | 140' 6" | 71' 8" | 185 | 196 | 170 | 11.3 | 7.8 | 15.6 |
| 64 | Stuart Appleby | 65 | 60 | 114 | 118 | 110 | 169 | 184 | 158 | 275 | 305 | 242 | 98' 3" | 146' 7" | 44' 11" | 185 | 206 | 162 | 11.3 | 5.9 | 16.6 |
| 65 | Tom Gillis | 52 | 46 | 114 | 118 | 107 | 169 | 175 | 152 | 275 | 311 | 241 | 98' 0" | 126' 5" | 77' 4" | 184 | 201 | 141 | 11.2 | 7.5 | 17.0 |
| 66 | Cameron Tringale | 95 | 83 | 114 | 118 | 107 | 169 | 176 | 157 | 274 | 305 | 240 | 97' 10" | 120' 4" | 74' 11" | 184 | 196 | 171 | 11.2 | 6.5 | 17.3 |
| 67 | Jonathan Byrd | 75 | 70 | 114 | 119 | 108 | 169 | 175 | 161 | 274 | 307 | 196 | 97' 3" | 131' 7" | 61' 0" | 184 | 204 | 133 | 11.2 | 6.8 | 14.3 |
| 68 | Stewart Cink | 70 | 54 | 114 | 118 | 108 | 169 | 174 | 148 | 274 | 304 | 245 | 97' 3" | 142' 6" | 61' 11" | 184 | 202 | 162 | 11.2 | 7.9 | 16.1 |
| 68 | Steve Marino | 76 | 66 | 114 | 118 | 110 | 168 | 175 | 150 | 274 | 305 | 240 | 97' 2" | 154' 8" | 62' 6" | 183 | 195 | 166 | 11.1 | 8.3 | 14.8 |
| 70 | John Daly | 49 | 28 | 114 | 120 | 103 | 168 | 174 | 158 | 273 | 295 | 242 | 97' 1" | 143' 0" | 52' 7" | 183 | 198 | 144 | 11.1 | 7.0 | 20.2 |
| 71 | Webb Simpson | 90 | 79 | 114 | 128 | 107 | 168 | 175 | 154 | 273 | 292 | 238 | 96' 11" | 118' 6" | 72' 2" | 183 | 202 | 162 | 11.1 | 8.0 | 16.2 |
| 72 | Scott McCarron | 53 | 39 | 114 | 117 | 108 | 168 | 179 | 152 | 273 | 308 | 226 | 96' 9" | 159' 4" | 63' 10" | 183 | 200 | 151 | 11.1 | 8.0 | 15.7 |
| 73 | Andres Gonzales | 47 | 31 | 114 | 116 | 110 | 168 | 174 | 160 | 273 | 309 | 247 | 96' 6" | 131' 6" | 63' 8" | 183 | 195 | 153 | 11.1 | 8.2 | 13.9 |
| 74 | Nathan Green | 67 | 49 | 114 | 118 | 107 | 168 | 174 | 156 | 273 | 294 | 241 | 96' 5" | 137' 6" | 64' 6" | 183 | 198 | 164 | 11.1 | 8.0 | 15.8 |
| 75 | Blake Adams | 100 | 84 | 114 | 118 | 106 | 168 | 173 | 155 | 273 | 310 | 245 | 96' 1" | 128' 0" | 69' 8" | 183 | 195 | 149 | 11.0 | 6.9 | 17.9 |
| 76 | Tommy Gainey | 94 | 78 | 114 | 118 | 104 | 168 | 173 | 160 | 273 | 297 | 243 | 95' 8" | 154' 6" | 61' 8" | 183 | 197 | 160 | 11.0 | 7.3 | 15.4 |
| 77 | Padraig Harrington | 60 | 47 | 114 | 118 | 102 | 168 | 176 | 157 | 273 | 297 | 240 | 95' 6" | 127' 5" | 65' 1" | 183 | 199 | 157 | 11.0 | 8.0 | 16.0 |
| 78 | Bo Van Pelt | 90 | 68 | 114 | 117 | 103 | 168 | 174 | 161 | 273 | 298 | 232 | 95' 6" | 123' 11" | 64' 10" | 182 | 204 | 162 | 11.0 | 2.8 | 16.6 |
| 79 | Jeff Overton | 82 | 65 | 114 | 118 | 109 | 168 | 174 | 152 | 273 | 304 | 234 | 95' 2" | 122' 8" | 61' 11" | 182 | 206 | 152 | 11.0 | 8.2 | 15.3 |
| 79 | Y.E. Yang | 63 | 44 | 114 | 118 | 102 | 168 | 175 | 159 | 273 | 299 | 234 | 95' 0" | 144' 11" | 63' 10" | 182 | 193 | 171 | 10.9 | 7.8 | 14.7 |
| 81 | Rory Sabbatini | 83 | 59 | 113 | 117 | 109 | 167 | 174 | 142 | 272 | 300 | 234 | 94' 10" | 149' 0" | 63' 2" | 182 | 200 | 158 | 10.9 | 2.0 | 18.3 |
| 82 | Matt Bettencourt | 73 | 64 | 113 | 117 | 105 | 167 | 173 | 158 | 272 | 310 | 210 | 94' 7" | 132' 5" | 66' 6" | 182 | 200 | 155 | 10.9 | 8.1 | 14.1 |
| 83 | William McGirt | 87 | 74 | 113 | 117 | 106 | 167 | 176 | 155 | 272 | 290 | 243 | 94' 7" | 116' 5" | 63' 0" | 182 | 193 | 150 | 10.9 | 6.2 | 13.6 |
| 84 | Jim Renner | 53 | 38 | 113 | 118 | 106 | 167 | 172 | 159 | 272 | 312 | 245 | 94' 4" | 146' 7" | 48' 5" | 182 | 201 | 167 | 10.9 | 8.2 | 13.7 |
| 85 | Ryan Moore | 77 | 58 | 113 | 117 | 108 | 167 | 172 | 142 | 272 | 300 | 237 | 94' 4" | 138' 1" | 69' 5" | 182 | 195 | 136 | 10.9 | 6.6 | 15.9 |
| 86 | Ben Martin | 60 | 45 | 113 | 118 | 105 | 167 | 173 | 158 | 272 | 296 | 229 | 94' 4" | 122' 4" | 58' 6" | 182 | 201 | 147 | 10.8 | 4.6 | 14.0 |
| 87 | Michael Bradley | 62 | 48 | 113 | 117 | 98 | 167 | 174 | 147 | 271 | 297 | 243 | 94' 3" | 132' 8" | 46' 5" | 182 | 199 | 157 | 10.8 | 7.7 | 12.9 |
| 88 | Brendan Steele | 81 | 71 | 113 | 118 | 105 | 167 | 174 | 156 | 271 | 294 | 195 | 93' 9" | 128' 8" | 55' 7" | 181 | 195 | 160 | 10.8 | 6.7 | 16.2 |
| 89 | Chad Campbell | 89 | 72 | 113 | 117 | 97 | 167 | 175 | 154 | 271 | 302 | 244 | 93' 7" | 127' 2" | 65' 0" | 181 | 200 | 162 | 10.8 | 3.5 | 16.6 |
| 90 | Vijay Singh | 77 | 71 | 113 | 116 | 108 | 167 | 174 | 155 | 271 | 298 | 239 | 93' 7" | 151' 4" | 42' 11" | 181 | 200 | 136 | 10.8 | 7.2 | 15.7 |
| 91 | Jarrod Lyle | 73 | 56 | 113 | 118 | 107 | 167 | 173 | 158 | 271 | 306 | 236 | 93' 5" | 116' 1" | 75' 5" | 181 | 197 | 148 | 10.8 | 8.6 | 14.1 |
| 92 | Graeme McDowell | 48 | 38 | 113 | 116 | 106 | 167 | 172 | 158 | 270 | 294 | 251 | 93' 5" | 131' 7" | 59' 5" | 181 | 195 | 155 | 10.8 | 6.7 | 14.4 |
| 93 | Geoff Ogilvy | 69 | 54 | 113 | 116 | 98 | 167 | 172 | 156 | 270 | 294 | 236 | 93' 3" | 120' 2" | 59' 11" | 181 | 195 | 163 | 10.8 | 7.9 | 16.5 |
| 94 | Kevin Stadler | 78 | 58 | 113 | 117 | 93 | 167 | 171 | 145 | 270 | 316 | 202 | 93' 1" | 125' 2" | 59' 7" | 181 | 195 | 158 | 10.7 | 6.4 | 14.0 |
| 94 | Camilo Villegas | 69 | 57 | 113 | 118 | 104 | 167 | 171 | 154 | 270 | 294 | 233 | 92' 10" | 118' 6" | 52' 10" | 181 | 194 | 148 | 10.7 | 7.6 | 14.1 |
| 96 | Bill Lunde | 84 | 68 | 112 | 116 | 107 | 166 | 171 | 159 | 270 | 290 | 237 | 92' 9" | 118' 6" | 63' 2" | 181 | 200 | 156 | 10.7 | 7.9 | 13.5 |
| 97 | Roland Thatcher | 53 | 40 | 112 | 116 | 107 | 166 | 171 | 140 | 270 | 289 | 241 | 92' 9" | 118' 11" | 55' 8" | 181 | 195 | 155 | 10.7 | 4.9 | 15.1 |
| 98 | J.J. Henry | 92 | 76 | 112 | 118 | 99 | 166 | 171 | 156 | 270 | 295 | 247 | 92' 8" | 122' 11" | 64' 2" | 180 | 196 | 166 | 10.7 | 8.0 | 13.9 |
| 99 | Fabian Gomez | 70 | 46 | 112 | 122 | 105 | 166 | 170 | 136 | 270 | 291 | 229 | 92' 8" | 167' 8" | 4' 11" | 180 | 201 | 147 | 10.7 | 7.9 | 13.2 |
| 100 | Chris Stroud | 80 | 70 | 112 | 115 | 107 | 166 | 171 | 154 | 270 | 307 | 244 | 92' 7" | 130' 4" | 47' 1" | 180 | 195 | 85 | 10.7 | 5.1 | 14.7 |
| 101 | Michael Thompson | 66 | 50 | 112 | 115 | 97 | 166 | 171 | 155 | 270 | 297 | 247 | 92' 5" | 126' 1" | 54' 5" | 180 | 196 | 145 | 10.7 | 5.7 | 16.1 |
| 102 | Fredrik Jacobson | 92 | 72 | 112 | 117 | 106 | 166 | 177 | 156 | 269 | 292 | 223 | 92' 3" | 121' 0" | 58' 1" | 180 | 195 | 129 | 10.7 | 7.3 | 17.0 |
| 103 | Rod Pampling | 60 | 40 | 112 | 116 | 94 | 166 | 174 | 138 | 269 | 293 | 240 | 92' 3" | 128' 10" | 62' 7" | 180 | 192 | 158 | 10.6 | 8.3 | 15.1 |
| 104 | Ernie Els | 67 | 54 | 112 | 117 | 104 | 166 | 176 | 156 | 269 | 295 | 228 | 92' 2" | 126' 11" | 43' 0" | 180 | 195 | 161 | 10.6 | 6.6 | 19.4 |
| 105 | Kevin Na | 76 | 53 | 112 | 118 | 107 | 166 | 171 | 155 | 268 | 298 | 238 | 92' 1" | 121' 4" | 66' 5" | 180 | 192 | 161 | 10.6 | 7.3 | 13.5 |
| 106 | Lee Janzen | 56 | 38 | 112 | 116 | 105 | 165 | 172 | 156 | 268 | 290 | 240 | 91' 10" | 125' 10" | 60' 7" | 180 | 191 | 168 | 10.6 | 7.7 | 14.7 |
| 107 | Robert Allenby | 80 | 65 | 112 | 115 | 92 | 165 | 171 | 146 | 268 | 295 | 200 | 91' 10" | 157' 2" | 56' 4" | 180 | 193 | 166 | 10.5 | 6.3 | 14.1 |
| 108 | Chris Kirk | 85 | 82 | 112 | 116 | 106 | 165 | 170 | 139 | 268 | 300 | 206 | 91' 3" | 137' 0" | 57' 4" | 179 | 191 | 162 | 10.5 | 8.3 | 13.2 |
| 109 | Hunter Mahan | 92 | 77 | 112 | 115 | 105 | 165 | 172 | 143 | 268 | 289 | 238 | 91' 1" | 134' 5" | 68' 0" | 179 | 194 | 137 | 10.5 | 6.3 | 18.5 |
| 110 | Luke Donald | 69 | 48 | 112 | 117 | 105 | 165 | 169 | 161 | 268 | 287 | 242 | 90' 9" | 134' 7" | 40' 1" | 179 | 188 | 162 | 10.5 | 8.0 | 12.7 |
| 111 | Tim Herron | 71 | 57 | 112 | 115 | 98 | 165 | 170 | 153 | 268 | 292 | 231 | 90' 8" | 137' 0" | 50' 11" | 179 | 191 | 163 | 10.5 | 6.5 | 13.9 |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 111 | Sunghoon Kang | 53 | 34 | 112 | 119 | 105 | 165 | 171 | 156 | 267 | 290 | 236 | 90' 7" | 148' 11" | 59' 0" | 179 | 193 | 164 | 10.4 | 5.6 | 13.7 |
| 113 | Billy Horschel | 61 | 44 | 112 | 114 | 109 | 165 | 173 | 146 | 267 | 295 | 228 | 90' 5" | 121' 6" | 62' 1" | 179 | 191 | 163 | 10.4 | 6.4 | 15.0 |
| 114 | Joe Durant | 61 | 44 | 111 | 115 | 107 | 164 | 170 | 141 | 267 | 294 | 224 | 90' 5" | 129' 4" | 54' 11" | 179 | 189 | 159 | 10.4 | 8.5 | 12.9 |
| 114 | Ryuji Imada | 73 | 70 | 111 | 115 | 98 | 164 | 174 | 151 | 267 | 298 | 242 | 90' 4" | 124' 5" | 52' 4" | 179 | 193 | 144 | 10.3 | 0.8 | 14.6 |
| 116 | Troy Merritt | 51 | 41 | 111 | 115 | 105 | 164 | 170 | 148 | 267 | 287 | 235 | 89' 8" | 109' 0" | 53' 2" | 179 | 193 | 155 | 10.3 | 4.7 | 16.2 |
| 117 | Daniel Summerhays | 67 | 55 | 111 | 115 | 107 | 164 | 172 | 150 | 267 | 296 | 232 | 89' 7" | 119' 6" | 56' 7" | 179 | 206 | 148 | 10.3 | 6.4 | 20.0 |
| 118 | Martin Piller | 53 | 35 | 111 | 114 | 105 | 164 | 169 | 156 | 267 | 287 | 229 | 88' 4" | 137' 0" | 58' 7" | 178 | 212 | 159 | 10.3 | 5.3 | 14.3 |
| 119 | Kris Blanks | 80 | 68 | 111 | 116 | 97 | 164 | 170 | 146 | 266 | 295 | 226 | 88' 3" | 115' 4" | 53' 7" | 178 | 198 | 163 | 10.3 | 1.2 | 14.2 |
| 120 | Woody Austin | 47 | 31 | 111 | 114 | 105 | 164 | 171 | 156 | 266 | 287 | 221 | 88' 2" | 125' 8" | 59' 10" | 178 | 194 | 161 | 10.2 | 6.9 | 16.3 |
| 121 | Alexandre Rocha | 53 | 33 | 111 | 118 | 104 | 164 | 174 | 156 | 266 | 289 | 242 | 88' 0" | 111' 10" | 59' 11" | 178 | 195 | 152 | 10.2 | 7.7 | 14.4 |
| 122 | D.J. Brigman | 57 | 37 | 111 | 115 | 105 | 164 | 171 | 152 | 265 | 285 | 238 | 87' 11" | 138' 11" | 43' 7" | 178 | 190 | 142 | 10.2 | 6.6 | 13.1 |
| 123 | Joe Ogilvie | 67 | 48 | 111 | 115 | 97 | 164 | 168 | 159 | 265 | 287 | 233 | 87' 6" | 134' 2" | 53' 8" | 178 | 193 | 156 | 10.2 | 6.7 | 15.0 |
| 124 | Briny Baird | 48 | 30 | 111 | 115 | 105 | 164 | 184 | 155 | 265 | 299 | 243 | 87' 5" | 137' 2" | 53' 11" | 178 | 192 | 137 | 10.2 | 6.9 | 13.4 |
| 125 | David Hearn | 72 | 58 | 111 | 115 | 104 | 164 | 169 | 158 | 265 | 288 | 238 | 87' 0" | 134' 8" | 46' 0" | 178 | 192 | 140 | 10.2 | 2.6 | 14.0 |
| 125 | Kevin Kisner | 56 | 37 | 111 | 114 | 106 | 164 | 169 | 156 | 265 | 283 | 239 | 87' 0" | 117' 8" | 52' 5" | 178 | 186 | 149 | 10.2 | 7.4 | 14.3 |
| 127 | Carl Pettersson | 87 | 80 | 111 | 116 | 102 | 164 | 170 | 156 | 265 | 289 | 202 | 86' 11" | 117' 7" | 50' 2" | 177 | 188 | 159 | 10.1 | 6.8 | 15.4 |
| 128 | Charlie Wi | 71 | 66 | 111 | 116 | 103 | 164 | 169 | 156 | 264 | 291 | 237 | 86' 10" | 126' 0" | 62' 2" | 177 | 192 | 123 | 10.1 | 6.2 | 13.5 |
| 129 | Hunter Haas | 84 | 69 | 111 | 115 | 101 | 163 | 168 | 154 | 264 | 294 | 201 | 86' 9" | 109' 6" | 59' 7" | 177 | 192 | 146 | 10.1 | 4.4 | 12.9 |
| 129 | Paul Stankowski | 62 | 45 | 111 | 113 | 107 | 163 | 169 | 132 | 264 | 284 | 226 | 86' 1" | 170' 4" | 55' 10" | 177 | 187 | 158 | 10.1 | 5.3 | 14.1 |
| 131 | K.J. Choi | 77 | 63 | 110 | 118 | 97 | 163 | 170 | 147 | 264 | 287 | 223 | 85' 6" | 114' 10" | 57' 8" | 177 | 192 | 158 | 10.1 | 5.4 | 12.2 |
| 132 | Brandt Snedeker | 81 | 67 | 110 | 127 | 104 | 163 | 170 | 153 | 264 | 291 | 201 | 85' 3" | 127' 8" | 50' 1" | 176 | 189 | 157 | 10.1 | 7.0 | 12.9 |
| 133 | Shaun Micheel | 67 | 52 | 110 | 115 | 105 | 163 | 169 | 154 | 264 | 295 | 222 | 85' 3" | 135' 11" | 48' 10" | 176 | 190 | 149 | 10.1 | 6.6 | 12.8 |
| 134 | Matt Kuchar | 90 | 71 | 110 | 116 | 104 | 163 | 171 | 153 | 264 | 300 | 203 | 84' 8" | 140' 10" | 42' 5" | 176 | 203 | 152 | 9.9 | 6.5 | 13.4 |
| 135 | Chez Reavie | 90 | 74 | 110 | 115 | 105 | 163 | 171 | 144 | 264 | 287 | 235 | 84' 8" | 114' 8" | 46' 7" | 176 | 187 | 166 | 9.9 | 2.2 | 13.7 |
| 136 | Cameron Beckman | 64 | 53 | 110 | 114 | 102 | 163 | 168 | 152 | 263 | 286 | 227 | 84' 8" | 117' 2" | 50' 10" | 176 | 191 | 132 | 9.9 | 4.3 | 11.9 |
| 137 | Steve Stricker | 70 | 59 | 110 | 114 | 89 | 163 | 168 | 144 | 263 | 292 | 238 | 84' 6" | 126' 2" | 47' 4" | 176 | 188 | 152 | 9.9 | 1.5 | 16.6 |
| 138 | Spencer Levin | 97 | 75 | 110 | 114 | 104 | 163 | 171 | 153 | 263 | 294 | 230 | 84' 6" | 116' 4" | 61' 0" | 176 | 190 | 161 | 9.9 | 3.1 | 12.2 |
| 139 | John Merrick | 61 | 47 | 110 | 114 | 104 | 163 | 168 | 143 | 263 | 292 | 226 | 84' 5" | 123' 2" | 35' 5" | 176 | 192 | 159 | 9.8 | 6.9 | 14.1 |
| 140 | Billy Mayfair | 78 | 66 | 110 | 114 | 106 | 163 | 170 | 134 | 263 | 294 | 237 | 84' 3" | 114' 10" | 64' 10" | 175 | 193 | 155 | 9.8 | 7.3 | 13.6 |
| 141 | Kent Jones | 66 | 51 | 110 | 114 | 101 | 163 | 168 | 139 | 263 | 284 | 200 | 84' 2" | 110' 2" | 60' 0" | 175 | 190 | 147 | 9.8 | 6.2 | 12.6 |
| 142 | D.A. Points | 83 | 70 | 110 | 113 | 96 | 163 | 166 | 156 | 262 | 285 | 227 | 84' 2" | 105' 5" | 59' 10" | 175 | 200 | 150 | 9.8 | 6.3 | 13.0 |
| 143 | Ian Poulter | 52 | 41 | 110 | 113 | 96 | 162 | 166 | 153 | 262 | 280 | 220 | 83' 11" | 116' 7" | 48' 11" | 175 | 190 | 157 | 9.8 | 3.5 | 13.7 |
| 144 | Johnson Wagner | 75 | 65 | 110 | 113 | 107 | 162 | 167 | 151 | 262 | 286 | 204 | 83' 10" | 135' 4" | 56' 0" | 175 | 185 | 155 | 9.8 | 6.7 | 14.5 |
| 145 | Jason Dufner | 78 | 66 | 110 | 115 | 90 | 162 | 167 | 145 | 262 | 283 | 233 | 83' 10" | 109' 1" | 63' 2" | 175 | 187 | 142 | 9.8 | 6.0 | 16.2 |
| 146 | Marc Turnesa | 50 | 34 | 110 | 113 | 104 | 162 | 174 | 147 | 262 | 289 | 193 | 83' 8" | 112' 6" | 55' 7" | 175 | 184 | 152 | 9.7 | 6.1 | 14.4 |
| 147 | Stephen Ames | 57 | 40 | 110 | 112 | 101 | 161 | 168 | 155 | 262 | 292 | 230 | 83' 5" | 101' 1" | 59' 2" | 175 | 190 | 148 | 9.7 | 3.3 | 14.7 |
| 148 | Bryce Molder | 70 | 52 | 109 | 117 | 100 | 161 | 174 | 156 | 262 | 277 | 237 | 83' 4" | 110' 5" | 54' 8" | 174 | 188 | 153 | 9.7 | 5.8 | 12.9 |
| 149 | Greg Chalmers | 76 | 62 | 109 | 113 | 98 | 161 | 166 | 151 | 261 | 291 | 236 | 83' 3" | 110' 2" | 53' 4" | 174 | 185 | 159 | 9.7 | 6.0 | 16.4 |
| 150 | Chad Collins | 47 | 37 | 109 | 115 | 104 | 161 | 166 | 155 | 261 | 287 | 235 | 83' 0" | 120' 2" | 49' 0" | 174 | 186 | 149 | 9.7 | 5.4 | 15.0 |
| 151 | David Mathis | 69 | 46 | 109 | 117 | 105 | 161 | 174 | 155 | 261 | 283 | 236 | 82' 6" | 133' 4" | 55' 1" | 174 | 194 | 141 | 9.6 | 5.9 | 13.1 |
| 152 | Tim Petrovic | 76 | 59 | 109 | 112 | 105 | 161 | 165 | 150 | 260 | 275 | 239 | 82' 4" | 110' 0" | 40' 2" | 174 | 202 | 131 | 9.5 | 2.4 | 15.1 |
| 153 | Michael Connell | 66 | 59 | 109 | 113 | 100 | 161 | 172 | 154 | 260 | 278 | 232 | 82' 3" | 119' 7" | 45' 7" | 174 | 191 | 144 | 9.4 | 3.8 | 15.0 |
| 154 | Dean Wilson | 62 | 52 | 109 | 112 | 103 | 161 | 166 | 145 | 260 | 286 | 232 | 82' 1" | 115' 10" | 44' 5" | 174 | 194 | 161 | 9.4 | 5.4 | 14.5 |
| 155 | Rich Beem | 48 | 38 | 109 | 112 | 104 | 161 | 169 | 151 | 260 | 289 | 190 | 82' 1" | 112' 8" | 50' 6" | 174 | 188 | 151 | 9.3 | 4.0 | 13.2 |
| 156 | Colt Knost | 68 | 49 | 109 | 117 | 105 | 161 | 178 | 145 | 260 | 292 | 233 | 82' 0" | 111' 11" | 59' 11" | 173 | 192 | 144 | 9.3 | 0.6 | 16.6 |
| 157 | Nate Smith | 54 | 39 | 109 | 112 | 102 | 161 | 166 | 155 | 260 | 277 | 235 | 82' 0" | 106' 5" | 42' 6" | 173 | 188 | 131 | 9.3 | 6.6 | 13.3 |
| 158 | Steve Flesch | 76 | 53 | 109 | 115 | 92 | 161 | 166 | 155 | 259 | 278 | 236 | 81' 11" | 111' 0" | 54' 5" | 173 | 192 | 147 | 9.3 | 3.7 | 19.0 |
| 159 | Jim Furyk | 83 | 63 | 109 | 113 | 104 | 161 | 167 | 149 | 259 | 285 | 213 | 81' 9" | 123' 11" | 44' 8" | 173 | 194 | 147 | 9.3 | 3.3 | 16.3 |
| 160 | Vaughn Taylor | 75 | 64 | 109 | 119 | 98 | 161 | 167 | 136 | 259 | 292 | 225 | 81' 9" | 107' 1" | 37' 1" | 172 | 183 | 146 | 9.3 | 1.7 | 15.4 |
| 161 | Jason Bohn | 62 | 56 | 108 | 112 | 104 | 161 | 169 | 154 | 259 | 280 | 223 | 81' 7" | 111' 10" | 53' 4" | 171 | 181 | 155 | 9.3 | 5.0 | 12.1 |
| 162 | Chris DiMarco | 82 | 65 | 108 | 111 | 102 | 161 | 164 | 154 | 258 | 286 | 224 | 81' 6" | 129' 5" | 40' 4" | 171 | 183 | 157 | 9.2 | 1.4 | 14.0 |
| 163 | Justin Leonard | 72 | 56 | 108 | 112 | 103 | 160 | 171 | 152 | 258 | 286 | 224 | 81' 2" | 115' 0" | 52' 10" | 171 | 187 | 141 | 9.2 | 1.7 | 16.6 |
| 164 | Matt McQuillan | 47 | 29 | 108 | 113 | 103 | 160 | 166 | 146 | 258 | 288 | 234 | 81' 1" | 98' 8" | 63' 7" | 171 | 189 | 140 | 9.2 | 2.9 | 12.1 |
| 165 | Ben Crane | 66 | 51 | 108 | 111 | 99 | 160 | 167 | 135 | 258 | 281 | 228 | 81' 1" | 130' 5" | 49' 0" | 171 | 183 | 151 | 9.1 | 4.9 | 13.4 |
| 166 | Justin Hicks | 51 | 33 | 108 | 116 | 102 | 160 | 163 | 156 | 257 | 276 | 224 | 80' 11" | 118' 6" | 50' 11" | 171 | 183 | 153 | 9.0 | 3.5 | 13.7 |
| 167 | Arjun Atwal | 77 | 71 | 108 | 113 | 92 | 160 | 164 | 153 | 257 | 283 | 199 | 79' 9" | 107' 2" | 58' 5" | 170 | 188 | 154 | 9.0 | 4.8 | 11.5 |
| 168 | Richard S. Johnson | 52 | 38 | 108 | 118 | 103 | 159 | 167 | 151 | 257 | 288 | 221 | 79' 4" | 115' 8" | 55' 10" | 170 | 193 | 152 | 9.0 | 2.8 | 18.1 |
| 169 | Shane Bertsch | 50 | 33 | 108 | 110 | 105 | 159 | 165 | 150 | 257 | 275 | 230 | 79' 1" | 112' 5" | 47' 2" | 170 | 186 | 138 | 9.0 | 1.2 | 12.5 |
| 170 | Ben Curtis | 54 | 46 | 108 | 110 | 105 | 159 | 163 | 155 | 256 | 284 | 205 | 78' 6" | 106' 5" | 49' 2" | 170 | 182 | 153 | 9.0 | 1.5 | 14.6 |
| 171 | Mark Wilson | 87 | 74 | 108 | 112 | 105 | 159 | 164 | 142 | 256 | 279 | 234 | 78' 3" | 118' 1" | 52' 7" | 170 | 192 | 137 | 9.0 | 0.4 | 13.3 |
| 172 | Alex Cejka | 57 | 43 | 107 | 113 | 103 | 159 | 164 | 151 | 256 | 283 | 202 | 77' 11" | 105' 4" | 48' 6" | 170 | 188 | 138 | 8.9 | 6.4 | 13.5 |
| 173 | Chris Riley | 64 | 49 | 107 | 111 | 101 | 159 | 162 | 151 | 256 | 284 | 229 | 77' 10" | 109' 6" | 46' 7" | 170 | 185 | 150 | 8.9 | 5.2 | 12.3 |
| 174 | J.P. Hayes | 49 | 39 | 107 | 111 | 97 | 159 | 175 | 152 | 255 | 274 | 226 | 77' 1" | 108' 4" | 39' 4" | 169 | 184 | 144 | 8.8 | 0.7 | 13.9 |
| 175 | Garrett Willis | 57 | 37 | 107 | 109 | 102 | 159 | 178 | 153 | 255 | 272 | 238 | 76' 8" | 120' 5" | 32' 10" | 169 | 184 | 153 | 8.7 | 3.3 | 16.2 |
| 176 | Heath Slocum | 75 | 65 | 107 | 121 | 103 | 158 | 163 | 142 | 254 | 272 | 223 | 76' 0" | 100' 6" | 39' 11" | 168 | 179 | 147 | 8.7 | 1.3 | 11.9 |
| 177 | Zach Johnson | 77 | 67 | 107 | 110 | 96 | 158 | 163 | 151 | 254 | 286 | 221 | 75' 7" | 97' 6" | 31' 4" | 168 | 182 | 143 | 8.5 | 2.5 | 11.1 |
| 178 | Jerry Kelly | 77 | 62 | 106 | 110 | 99 | 158 | 167 | 152 | 254 | 279 | 206 | 75' 0" | 131' 2" | 23' 10" | 167 | 187 | 144 | 8.5 | 3.0 | 12.5 |
| 179 | Aron Price | 49 | 35 | 106 | 113 | 102 | 158 | 164 | 150 | 253 | 276 | 203 | 74' 11" | 105' 1" | 42' 4" | 165 | 183 | 134 | 8.5 | 1.4 | 16.3 |
| 180 | David Toms | 76 | 57 | 106 | 110 | 101 | 157 | 162 | 134 | 253 | 270 | 231 | 74' 7" | 97' 4" | 45' 4" | 165 | 186 | 143 | 8.3 | 3.3 | 12.3 |
| 181 | Scott Verplank | 46 | 40 | 106 | 110 | 103 | 157 | 161 | 153 | 252 | 270 | 229 | 74' 4" | 118' 6" | 44' 2" | 164 | 178 | 149 | 8.2 | 1.1 | 11.3 |
| 182 | Brian Davis | 101 | 88 | 106 | 111 | 90 | 156 | 172 | 141 | 252 | 285 | 205 | 72' 8" | 99' 4" | 39' 10" | 164 | 177 | 150 | 8.1 | 1.5 | 11.4 |
| 183 | Paul Goydos | 69 | 57 | 106 | 116 | 95 | 156 | 161 | 145 | 252 | 277 | 191 | 71' 4" | 118' 8" | 36' 8" | 162 | 177 | 139 | 7.9 | 1.5 | 11.4 |
| 184 | Nick O'Hern | 75 | 53 | 104 | 107 | 93 | 155 | 159 | 134 | 250 | 277 | 217 | 68' 4" | 92' 7" | 19' 2" | 161 | 183 | 129 | 7.9 | 1.3 | 11.5 |
| 185 | Brian Gay | 80 | 65 | 103 | 124 | 91 | 153 | 184 | 135 | 246 | 272 | 220 | 64' 2" | 87' 6" | 39' 1" | 160 | 178 | 143 | 7.3 | 1.3 | 11.0 |