



WEEK 4 LEADERS

NOVEMBER 22-NOVEMBER 28

LEADERBOARD EXPLAINED

Thursday nights we generate a report from the previous seven days. Averages are calculated from the total amount of recorded swings in those seven days. The data is populated through our Blast Motion cloud portal and includes all players who are registered inside the organizations account.



ANNOTATION FOR SWING LEADERS



ANNOTATION FOR PLAYERS WHO RECORDED 200+ SWINGS

50+

PLAYERS MUST HAVE 50+ SWINGS RECORDED TO MAKE A LEADERBOARD

METRICS EXPLAINED

BAT SPEED

The observed speed of the sweet spot of the bat at impact. The sweet spot of the bat is measured six inches from the tip of the bat.

PEAK HAND SPEED

the observed maximum speed as measured on the handle of the bat (measured six inches from the knob of the bat). Peak Hand Speed will occur prior to the moment of impact, very close to the commit time in the swing when the wrists unhinge.

ROTATIONAL ACCELERATION

It measures how quickly your bat accelerates into the swing plane. Rotation is a good indicator of how you build bat speed by sequencing properly vs. pulling the bat with your hands. The quicker your rotational acceleration, the more power you will have.

POWER











The average Power generated during the swing is found from the effective mass of the bat, the Bat Speed at impact, and the average acceleration during the downswing. Power is measured in Watts. Higher Power is achieved when a hitter is able to swing a heavier bat and accelerate it to higher speeds.

SWING TOTALS



LEADERS

AMT OF SWINGS






1. CHRISTOPHER PELLIGREEN	 1877
2. OWEN POWERS	 1262
3. JACK KNOESEL	 1092
4. RYAN CARNINE	 463
5. ZACK HOFFMAN	 388
6. MOLLY CALLIHAN	 372
7. EVAN SCHIEK	 303
8. IAN CASEY	 298
9. EDDIE HACKER	 288
10. ANDREW BUCKLEY	 278

AVERAGE POWER (KW)^(*)



LEADERS

KILOWATTS

1. CHARLIE BERRY	 3.74
2. ETHAN LINDEMANN	3.60
3. KEVIN WATKINS	 2.96
4. JACOB STURM	2.95
5. ALEX GITT	2.94
6. OWEN POWERS	 2.80
7. ZACK HOFFMAN	 2.79
8. TRIPP JOHNS	2.76
9. JUSTIN COLEMAN	2.74
10. EVAN SCHIEK	 2.64






(*) THE AVERAGE POWER GENERATED DURING THE SWING IS FOUND FROM THE EFFECTIVE MASS OF THE BAT, THE BAT SPEED AT IMPACT, AND THE AVERAGE ACCELERATION DURING THE DOWNSWING.

AVERAGE BAT SPEED



LEADERS

MPH

1. CHARLIE BERRY		66.9
2. ETHAN LINDEMANN		66.1
3. ZACK HOFFMAN		63.6
4. ALEX GITT		61.6
5. JACOB STURM		61.2
6. JUSTIN COLEMAN		61.1
7. ANDREW LEMON		59.0
8. EDDIE HACKER		58.7
9. KEVIN WATKINS		58.5
10. ANDREW FELDT		58.5

AVERAGE ROTATIONAL ACCELERATION



LEADERS

G-FORCE

1. OWEN POWERS	 24.8
2. KEVIN WATKINS	 21.1
3. CHARLIE BERRY	 17.5
4. ETHAN LINDEMANN	15.1
5. ALEX GITT	14.8
6. EVAN SCHIEK	 14.0
7. CHRISTOPHER PELLIGREEN	 14.0
8. JACK KNOESEL	 13.7
9. JACOB SCHMIDT	12.7
10. TRIPP JOHNS	12.4

G-Force (G's) The force generated from impact (or magnitude of linear acceleration vector) created during a landing or fall.

PEAK HAND SPEED



LEADERS

AVG MPH

1. ETHAN LINDEMANN		22.9
2. CHARLIE BERRY		22.5
3. TRIPP JOHNS		21.3
4. KEVIN WATKINS		20.9
5. CHRISTOPHER PELLIGREEN		20.9
6. OWEN POWERS		20.3
7. ALEX GITT		20.1
8. EVAN SCHIEK		20.1
9. ANDREW LEMON		20.0
10. EDDIE HACKER		19.8