NEW YEAR LEADERS

DECEMBER 30, 2019-JANUARY 15, 2020

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 t he 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. OWEN POWERS	872
2. SEAN WARD	707
3. JACK KNOESEL	668
4. LUKE ALLEN	555
5. JACKSON PASLEY	507
6. ASA MARTINEZ	492
7. ANDREW FELDT	387
8. CARTER LEWIS	330
9. EDDIE HACKER	320
10. GRANT MUNOZ	316

AVERAGE BAT SPEED

LEADERS	MPH
1. ETHAN LINDEMANN	68.0
2. LUKE ALLEN	66.7
3. PEARSE REAGAN	65.5
4. OLIVER FERRIS	65.3
5. RYAN MCDONALD	63.1
6. BENJAMIN OSTERHOLT	62.7
7. JUSTIN COLEMAN	62.4
8. ZACK HOFFMAN	62.3
9. TYLER FLOYD	62.0
10. EDDIE HACKER	60.2

AVERAGE POWER (KW)(*)

LEADERS	KILOWATTS
1. ETHAN LINDEMANN	4.15
2. PEARSE REAGAN	3.67
3. LUKE ALLEN	3.55
4. RYAN MCDONALD	3.19
5. BENJAMIN OSTERHOLT	3.13
6. OLIVER FERRIS	3.09
7. JUSTIN COLEMAN	2.95
8. ASHER SINK	2.93
9. ETHAN MILAM	2.85
10. EDDIE HACKER	2.83

(*) 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 ROTATIONAL ACCELERATION

LEADERS	G-FORCE
1. OWEN POWERS	22.5
2. ETHAN LINDEMANN	18.4
3. ASHER SINK	17.3
4. PEARSE REAGAN	15.2
5. ETHAN MILAM	13.8
6. JACK KNOESEL	12.7
7. EVAN SCHIEK	11.8
8. RYAN MCDONALD	11.1
9. JACKSON PASLEY	10.6
10. WILL MALSCH	9.8

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	23.3
2. ASHER SINK	22.4
3. RYAN MCDONALD	21.2
4. PEARSE REAGAN	21.0
5. TYLER FLOYD	20.5
6. LUKE ALLEN	20.4
7. OLIVER FERRIS	20.3
8. OWEN POWERS	20.2
9. ZACK HOFFMAN	20.1
10. ANDREW FELDT	19.8