WEEK 5 LEADERS

NOVEMBER 29-DECEMBER 5

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. MAX WIESNER	1053
2. CHRISTOPHER PELLIGREEN	588
3. MICHAEL LOLLEY	570
4. OWEN POWERS	543
5. EDDIE HACKER	295
6. MOLLY CALLIHAN	269
7. NOLAN JAWOROWSKI	235
8. TOMMY MOHAN	231
9. ETHAN LINDEMANN	226
10. ASA MARTINEZ	220

AVERAGE POWER (KW)(*)

LEADERS	KILOWATTS
1. TOMMY MOHAN	4.13
2. ETHAN LINDEMANN	3.62
3. MICHAEL LOLLEY	3.30
4. PEARSE REAGAN	3.29
5. JAKE GARLAND	3.15
6. ZACK HOFFMAN	2.94
7. OWEN POWERS	2.92
8. EVAN SCHIEK	2.89
9. ETHAN MILAM	2.72
10. EDDIE HACKER	2.72

(*) 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. TOMMY MOHAN	71.3
2. ETHAN LINDEMANN	66.3
3. JAKE GARLAND	65.3
4. ZACK HOFFMAN	65.0
5. MICHAEL LOLLEY	64.0
6. PEARSE REAGAN	62.6
7. EDDIE HACKER	61.5
8. JOHN HANDY	61.2
9. EVAN FITZGERALD	60.1
10. VANCE MCFARLAND	60.0

AVERAGE ROTATIONAL ACCELERATION

LEADERS	G-FORCE
1. OWEN POWERS	27.3
2. ISAAC LEMANSKI	16.7
3. CHRISTOPHER PELLIGREEN	16.0
4. PEARSE REAGAN	15.1
5. EVAN SCHIEK	14.7
6. ETHAN MILAM	13.7
7. ETHAN LINDEMANN	13.2
8. TRIPP JOHNS	11.0
9. ASA MARTINEZ	10.4
10. MICHAEL LOLLEY	9.7

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. TOMMY MOHAN	22.5
3. MICHAEL LOLLEY	21.3
4. CHRISTOPHER PELLIGREEN	20.9
5. PEARSE REAGAN	20.9
6. JOHN HANDY	20.3
7. OWEN POWERS	20.1
8. VANCE MCFARLAND	20.1
9. TRIPP JOHNS	20.0
10. EVAN SCHIEK	19.8