GATEWAY REGENSBURG 2023
Freddy TREMARIA #93

DATA
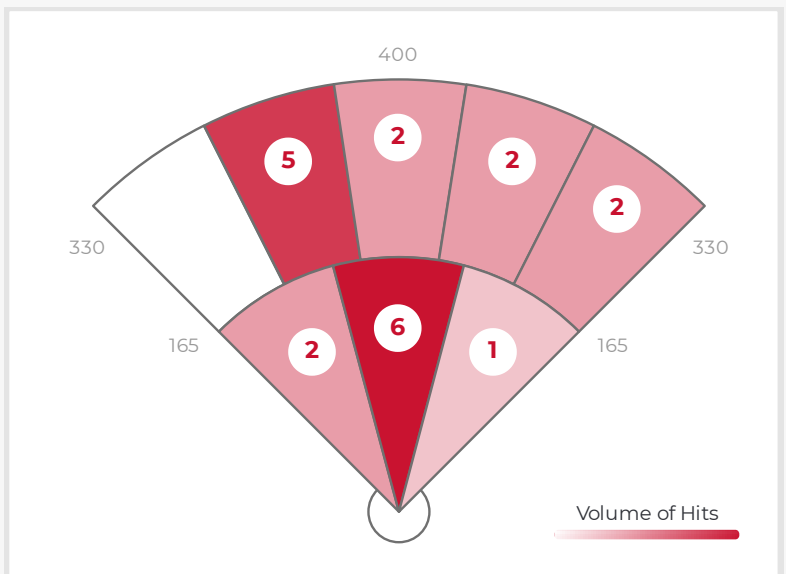
	AVG	MAX	HARD HIT AVG
E. VELOCITY	88.0	95.4	88.7
L. ANGLE	13.0	40.8	12.2
DIRECTION	2°L	36.6°R	5.4°L
DISTANCE	180	357	182
SPIN RATE	1324	3480	1129

BATTING AVG.	.450
XWOBA	.540
SLUGGING	.650
HARD HIT %	90.0%
BOMBS %	15.0%
ROPES %	40.0%

RAPSCORE

R46
PRO

R75
HIGH SCHOOL

Volume of Hits

ZONE BREAKDOWN

Zone	Volume of Hits	AVG LA	AVG EV	AVG RPM	AVG Distance
PULL	4/20	16	85	2215	168
MIDDLE	10/20	9	88	1026	150
OPPO	6/20	17	90	1227	237

measure to master.
www.rapsodo.com

HIT OUTCOME

Single	Double	Triple	Homerun	Field Out	Foul Ball
35.0%	5.0%	0%	5.0%	55.0%	0%

HIT CLASSIFICATION

Dribbler	Ground Ball	Low Line Drive	High Line Drive	Fly Ball	Pop Up
10.0%	20.0%	35.0%	20.0%	15.0%	0%

HIT OUTCOME VS LA & EV
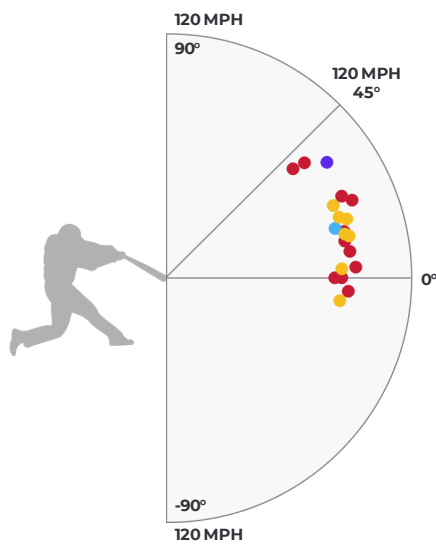
HIT CLASSIFICATIONS VS LA & EV
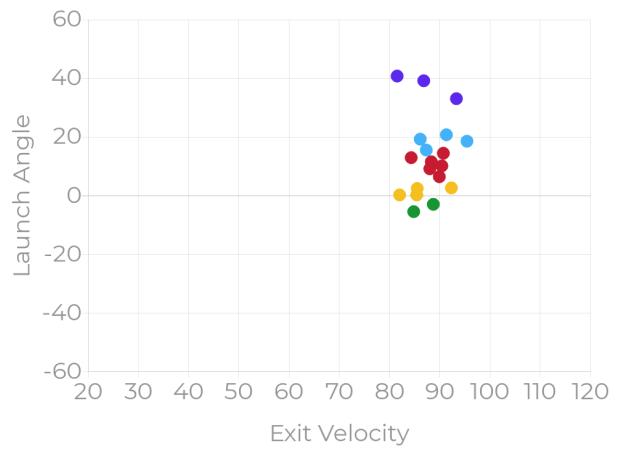
HIT OUTCOME

HIT CLASSIFICATION

measure to master.

www.rapsodo.com
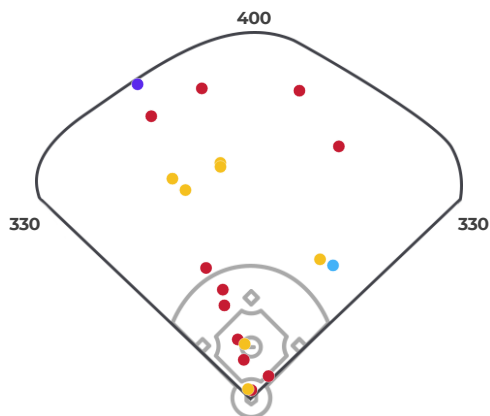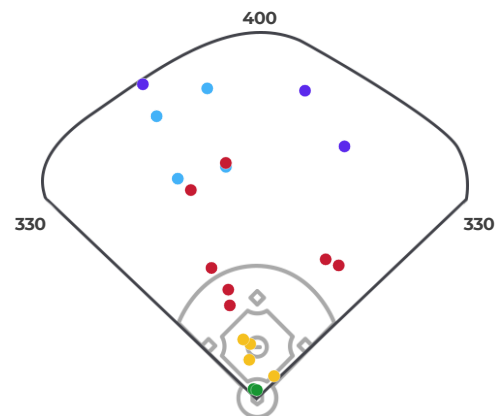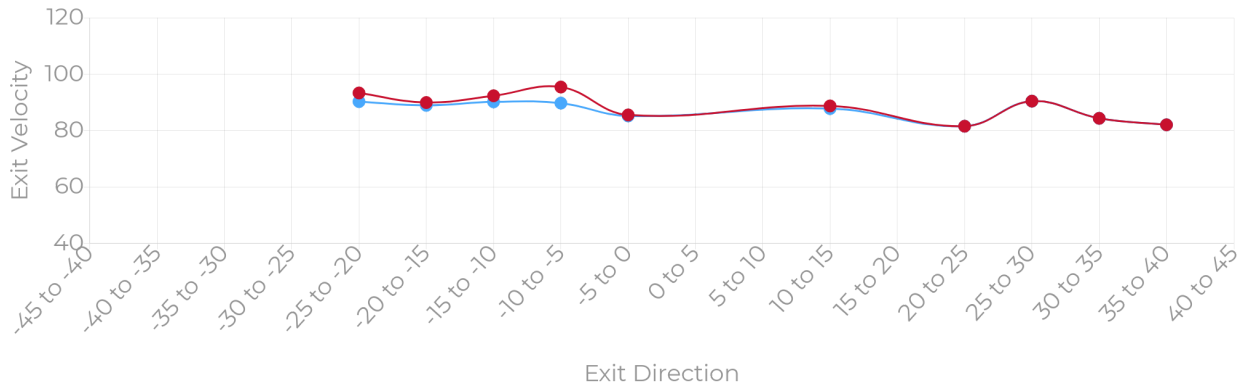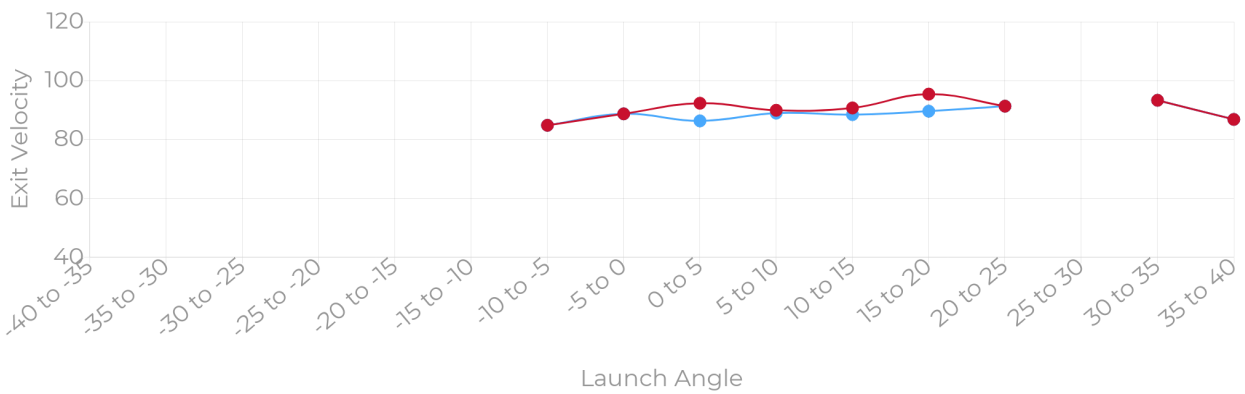
● MAX ● AVG

MAX EV, AVG EV BY EXIT DIRECTION

*Exit velocities are shown for all balls in play within the listed exit direction ranges.*

MAX EV, AVG EV BY LAUNCH ANGLE

Exit velocities are shown for all balls in play within the listed launch angle ranges.
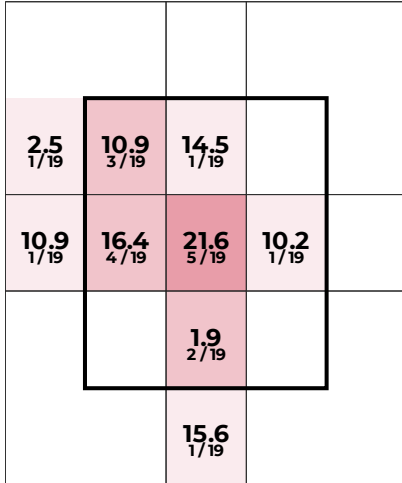

LAUNCH ANGLE BY EXIT DIRECTION

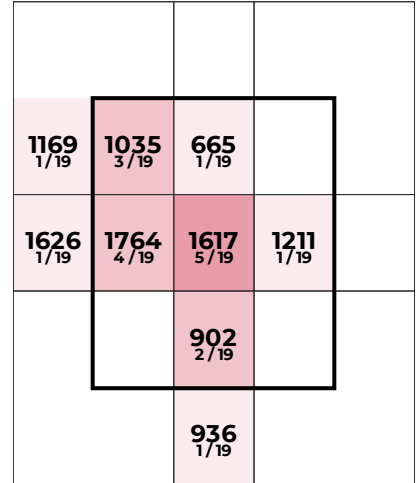*Average launch angles are shown for all balls in play within the listed exit direction ranges.*

measure to *master.*

www.rapsodo.com

Rapsodo®
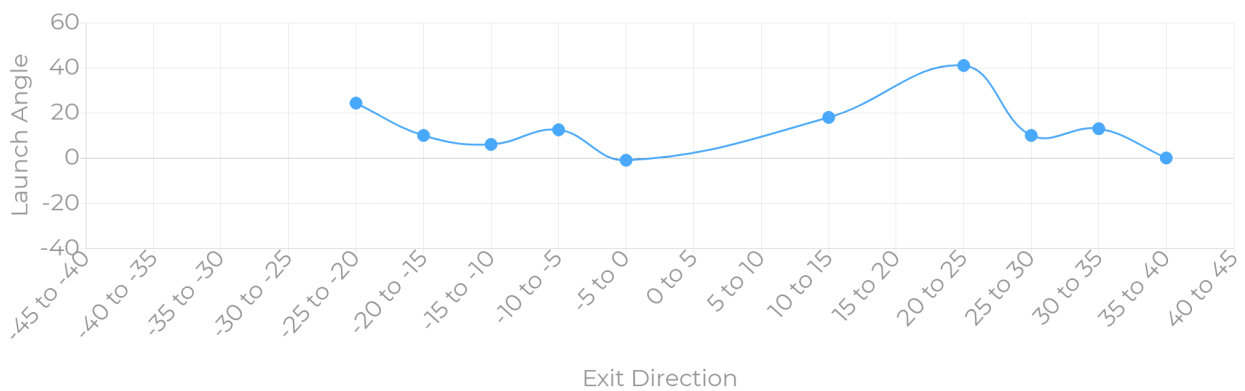
STRIKE ZONE BREAKDOWN

LAUNCH ANGLE

2.5 1/19	10.9 3/19	14.5 1/19
10.9 1/19	16.4 4/19	21.6 5/19	10.2 1/19
		1.9 2/19
		15.6 1/19

		Avg EV	Avg LA
HORIZONTAL	INNER THIRD	90.4	10.2
	MIDDLE THIRD	88.8	12.7
	OUTER THIRD	87.0	13.7
VERTICAL	UPPER THIRD	88.0	12.7
	MIDDLE THIRD	89.4	16.1
	LOWER THIRD	86.4	1.9

SPIN RATE

1169 1/19	1035 3/19	665 1/19	
1626 1/19	1764 4/19	1617 5/19	1211 1/19
		902 2/19	
		936 1/19	

EXIT VELOCITY

Catcher's POV

XWOBA

Catcher's POV

measure to master.
www.rapsodo.com

Rapsodo®

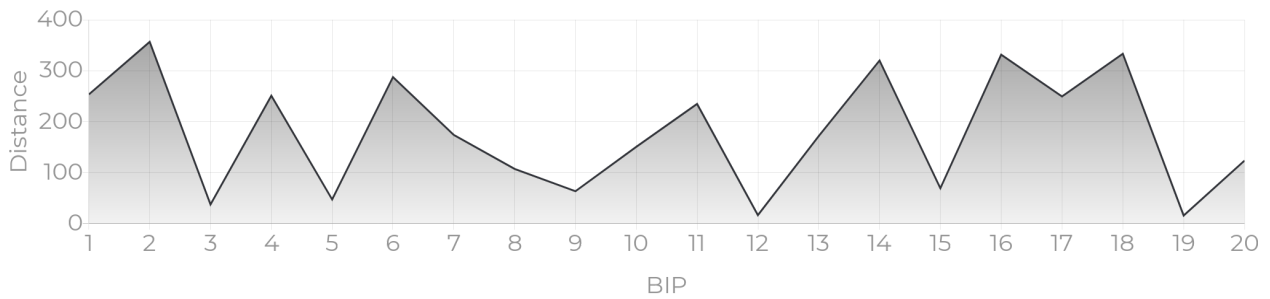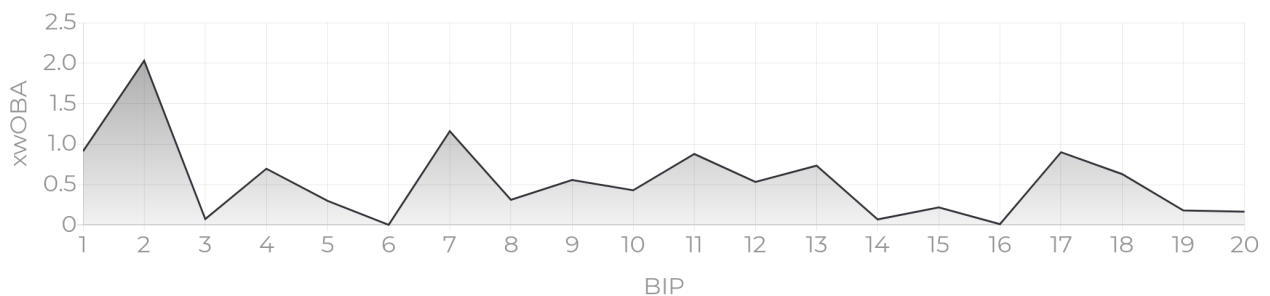## PROGRESS REPORTS

5
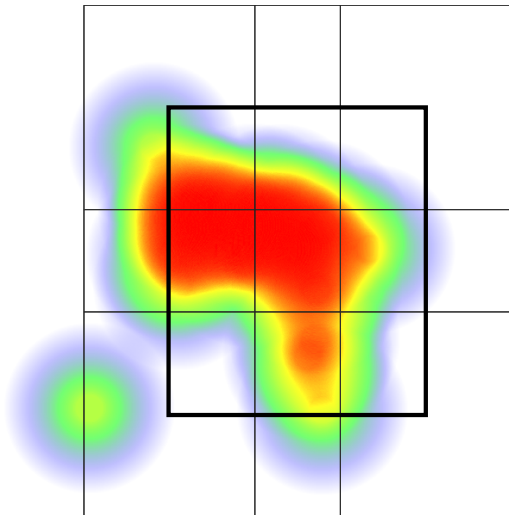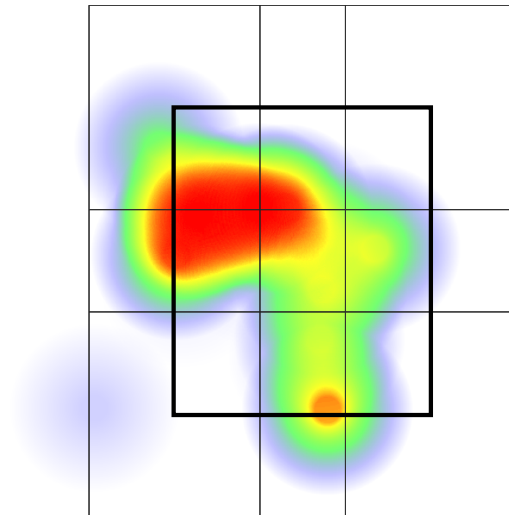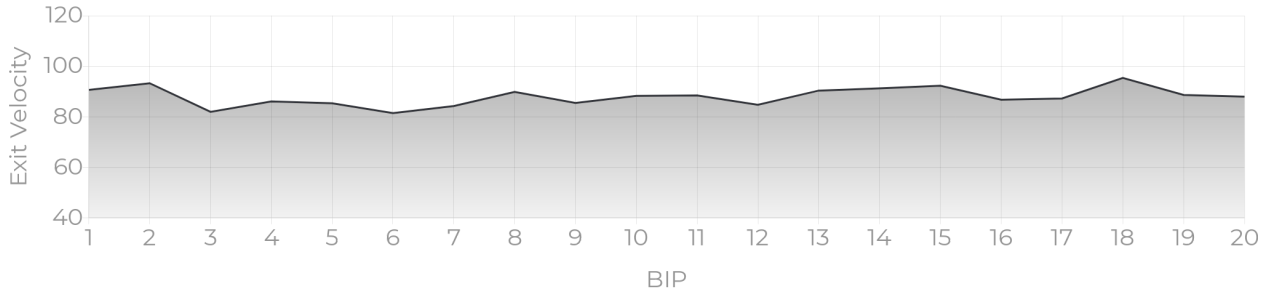
EV TRACKER
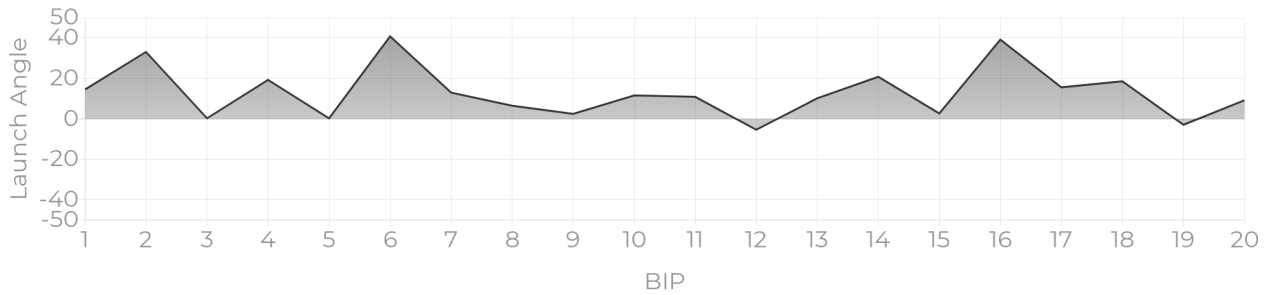
LA TRACKER

DISTANCE TRACKER

XWOBA TRACKER

XWOBA

Expected Weighted On Base Average is a term commonly used inside of the MLB taking Launch Angle and Exit Velocity to determine the Expected OBA and often compared to the Actual OBA. This provides a tool for Rapsodo to provide an instant analysis off of each BBE (Batted Ball Event). In the same way that each batted ball is assigned a Hit Classification, every batted ball has been given a single, double, triple and home run probability based on the results of comparable batted balls from MLB data — in terms of similar exit velocity and launch angle.

BIP (BALL IN PLAY)

Any ball hit within a range of -45 to 45 degree Exit Direction.

HARD HIT %

Any ball hit within 12.5% of a player's Max Exit Velo.

ROPES

Any Hard Hit Ball (within 12.5% of a player's Max Exit Velo) and hit between 10 and 20 degree Launch Angle.

BOMBS

Any Hard Hit Ball (within 12.5% of a players Max Exit Velo) and Hit with a 20+ Launch Angle.

HIT CLASSIFICATION

Dribbler: A batted ball event with less than a 0 degree launch angle
Ground Ball: A batted ball event with a launch angle between 0 and 6 degrees
Low Line Drive: A batted ball event with a launch angle between 6 and 15 degrees
High Line Drive: A batted ball event with a launch angle between 15 and 24 degrees
Fly Ball: A batted ball event with a launch angle between 24 and 50 degrees
Pop Up: A batted ball event with a launch angle greater than 50 degrees

measure to master.