

# ADVANCED STATS



July 14, 2022 vs. Kokomo Jackrabbits

#	Pitchers	IP	BAA	BABIP	BB%	K%	LOB%	FPS%	ERA	ERA-	FIP	FIP-	xR9	RE24	WAA
6	Keegan Batka	23.0	.179	.232	11%	28%	71%	53%	1.57	33	3.67	77	2.67	-7.87	0.67
10	Nick Davies	5.1	.286	.294	34%	9%	59%	49%	13.50	284	13.25	279	18.43	9.81	-0.61
11	Hank Weiss	19.1	.309	.431	15%	23%	51%	51%	9.31	196	4.69	99	9.14	5.23	-0.58
12	Garrett Martin	37.0	.306	.345	4%	20%	67%	64%	5.11	108	4.39	93	5.08	-4.22	0.25
16	Caleb Lanoux	35.2	.269	.343	4%	25%	68%	66%	2.78	59	2.61	55	2.97	-9.55	0.95
17	Brett Sanchez	24.2	.184	.225	6%	21%	63%	55%	0.36	8	3.62	76	0.72	-9.59	1.18
18	Anthony Tejeda	16.2	.230	.318	13%	28%	72%	63%	1.08	23	3.41	72	5.18	0.00	0.10
13	Travis Cowan	22.1	.284	.286	20%	10%	47%	52%	8.87	187	7.20	152	8.15	6.98	-0.47
19	Jackson Braden	26.0	.321	.360	7%	19%	57%	68%	6.58	139	4.84	102	6.77	3.00	-0.22
23	Ben Harris	0.2	.333	.333	43%	14%	25%	43%	27.00	569	14.57	307	35.35	2.95	-0.18
25	Justin Graves	30.2	.229	.270	12%	17%	77%	57%	2.35	50	4.85	102	3.74	-13.81	0.59
26	Aj Riddle Jr.	3.2	.286	.333	16%	16%	63%	42%	7.36	155	5.70	120	7.23	0.70	-0.05
27	Cole Altherr	4.1	.333	.462	18%	23%	40%	41%	12.46	263	4.53	95	10.53	3.23	-0.19
28	Jacob Lycan	7.2	.192	.333	23%	33%	63%	46%	7.04	148	4.98	105	8.49	-0.99	-0.19
31	Gavin Knust	16.1	.262	.320	10%	19%	64%	41%	2.76	58	4.43	93	4.56	-3.16	0.19
34	Peter Schaefer	2.0	.143	.000	0%	14%	0%	71%	4.50	95	9.57	202	2.99	-0.35	0.05
35	Zack Tukis	7.2	.250	.318	24%	17%	63%	46%	8.22	173	6.94	146	9.45	2.91	-0.25
36	Adam Berghorst	18.2	.185	.200	13%	11%	65%	51%	1.93	41	4.87	103	1.78	-4.46	0.70
#	Catchers	PA	AVG	OBP	SLG	OPS+	BB%	K%	HR%	SBR	SECA	wOBA	wRC+	RE24	WAA
14	Billy Hancock	159	.321	.405	.423	143	9%	14%	0.6%	-1.21	.226	.406	136	-0.60	0.50
29	Aaron Dolney	133	.288	.402	.378	128	16%	23%	0.0%	1.61	.315	.396	129	-2.08	0.31
#	Infielders	PA	AVG	OBP	SLG	OPS+	BB%	K%	HR%	SBR	SECA	wOBA	wRC+	RE24	WAA
1	Charlie Rhee	30	.154	.267	.154	19	10%	17%	0.0%	0.02	.115	.244	23	-5.33	-0.28
2	Robbie Merced	153	.206	.298	.321	79	11%	25%	1.3%	-2.56	.275	.306	67	-6.97	-0.70
3	Brycen Sherwood	30	.240	.367	.240	75	17%	33%	0.0%	-0.85	.160	.335	87	-2.72	-0.07
5	Fisher Pyatt	155	.241	.418	.353	125	20%	23%	1.3%	-0.19	.379	.406	136	3.85	0.48
8	James Canar	89	.162	.287	.216	44	10%	30%	0.0%	0.01	.189	.277	47	-8.52	-0.61
9	Dillon Kark	148	.233	.304	.308	77	5%	23%	0.0%	-0.23	.135	.307	67	-5.19	-0.67
21	Joey Grabanski	182	.270	.368	.421	131	12%	24%	2.2%	-0.23	.309	.381	119	5.31	0.23
#	Outfielders	PA	AVG	OBP	SLG	OPS+	BB%	K%	HR%	SBR	SECA	wOBA	wRC+	RE24	WAA
4	Bobby Nichols	124	.290	.382	.336	109	11%	19%	0.0%	1.11	.280	.369	110	2.89	0.03
7	Isaiah Gibbs	101	.207	.283	.276	61	7%	29%	0.0%	-1.03	.149	.283	51	-13.58	-0.64
15	Patrick Mills	205	.296	.404	.456	152	13%	19%	1.0%	0.02	.320	.417	143	14.21	0.80
24	Jace Matkin	138	.252	.343	.395	115	10%	32%	1.4%	0.04	.328	.358	103	-9.86	-0.07

## DraftKings Betting Line

Teams	Run Line	Total	Moneyline
KOKOMO JACKRABBITS (11-32)	+1.5 (-105)	O 12.5 (-110)	+150
BATTLE CREEK BATTLE JACKS (21-23)	-1.5 (-115)	U 12.5 (-110)	-175

## Expanded Standings

Team	W-L	W%	pythW-L	xpW-L	RS	RA	Diff	xRS	xRA	Luck	xLuck	SOS	SRS	Park Factors (OFF/DEF)	
St. Cloud	32-9	.780	31-10	32-9	279	150	+129	275	146	+1	0	0.13	3.27	99.40	94.12
Wisconsin Rapids	36-8	.818	33-11	29-15	305	164	+141	279	204	+3	+7	-0.30	2.90	95.60	92.84
Willmar	27-15	.643	27-15	28-14	276	196	+80	261	186	0	-1	0.01	1.92	100.27	99.07
Eau Claire	26-16	.619	25-17	22-20	227	187	+40	221	212	+1	+4	0.08	1.03	97.09	97.82
Lakeshore	23-21	.523	24-20	24-20	244	218	+26	242	220	-1	-1	0.26	0.85	99.13	98.60
Wasau	23-21	.523	24-20	24-20	244	224	+20	235	214	-1	-1	0.27	0.73	100.78	100.31
Kalamazoo	24-20	.545	24-20	24-20	340	300	+40	302	283	0	0	-0.37	0.54	99.24	99.63
Fond du Lac	23-20	.535	23-20	22-21	300	276	+24	283	283	0	+1	-0.10	0.45	103.86	102.59
Kenosha	22-22	.500	24-20	22-22	251	232	+19	252	253	-2	0	0.02	0.45	107.27	106.47
Mankato	22-20	.524	22-20	26-16	232	222	+10	256	206	0	-4	0.12	0.35	96.36	95.26
Traverse City	23-21	.523	25-19	26-18	255	222	+33	236	198	-2	-3	-0.54	0.21	88.60	86.34
La Crosse	20-22	.476	22-20	18-24	263	251	+12	237	279	-2	+2	-0.09	0.19	102.93	104.07
Rockford	21-23	.477	23-21	24-20	253	243	+10	246	233	-2	-3	-0.41	-0.19	119.84	121.38
Duluth	21-20	.512	20-21	20-21	231	234	-3	244	261	+1	+1	-0.26	-0.33	101.03	102.03
Rochester	18-22	.450	19-21	18-22	256	274	-18	244	275	-1	0	-0.23	-0.68	103.05	104.14
Battle Creek	21-23	.477	19-25	21-23	248	282	-34	243	258	+2	0	-0.01	-0.78	92.42	94.88
Madison	21-23	.477	19-25	18-26	242	278	-36	228	293	+2	+3	-0.03	-0.85	91.99	92.52
Green Bay	14-30	.318	14-30	15-29	182	279	-97	203	293	0	-1	0.82	-1.38	107.59	110.14
Bismarck	14-28	.333	15-27	15-27	216	307	-91	218	312	-1	-1	0.11	-2.06	95.77	98.07
Minnesota	6-15	.286	7-14	6-15	112	159	-47	100	177	-1	0	-0.31	-2.54		
Waterloo	10-30	.250	13-27	15-25	206	318	-112	232	324	-3	-5	0.23	-2.57	105.00	104.69
Kokomo	11-32	.256	12-31	14-29	190	331	-141	191	294	-1	-3	0.38	-2.90	96.91	97.75

\*highlighted records would lead division

## League Leaders

On-Base Average (wOBA)			Secondary Average (SECA)			Runs Created (wRC+)			Wins Above Average (WAA)		
Ben Ross	WIR	.547	Ryan Guardino	WAT	.636	Ben Ross	WIR	230	Ben Ross	WIR	2.56
Sean Ross	MAN	.538	Garrett Martin	LAK	.604	Sean Ross	MAN	224	Sean Ross	MAN	2.23
Garrett Martin	LAK	.514	Brice Matthews	STC	.581	Garrett Martin	LAK	204	John Nett	STC	1.94
Brice Matthews	STC	.504	Trey Lipsey	KZO	.530	Brice Matthews	STC	197	Ryan Guardino	WAT	1.65
John Nett	STC	.500	Matthew Fleischhacker	MIN	.523	John Nett	STC	194	Brice Matthews	STC	1.59
Fielding Ind. Pitching (FIP)			Expected Runs / 9IP (xR9)			Strikeout Rate (K%)			Wins Above Average (WAA)		
Dan Wright	MAD	2.39	Ty Rybarczyk	RFD	0.81	Brandt Thompson	MIN	33%	Jack Habeck	WIL	2.16
David Rodriguez	ROC	2.57	Jack Habeck	WIL	0.96	Eric Chalus	LAK	31%	Ty Rybarczyk	RFD	2.15
<b>Caleb Lanoux</b>	<b>BC</b>	<b>2.61</b>	Derek Clark	TVC	1.08	Derek Clark	TVC	29%	Dylan Carter	GB	1.84
Eric Chalus	LAK	2.80	Eric Chalus	LAK	1.10	Kyle Seebach	RFD	29%	Derek Clark	TVC	1.84
Donovan Schultz	MAN	3.29	Dan Wright	MAD	1.10	Dan Wright	MAD	28%	Eric Chalus	LAK	1.71

## Matrices

Run Expectancy Matrix			
Runners	0 Outs	1 Out	2 Outs
000	0.674	0.296	0.070
100	1.143	0.638	0.184
020	1.352	0.953	0.199
003	1.357	1.293	0.423
120	1.775	1.234	0.625
103	2.006	1.387	0.398
023	2.347	1.766	0.663
123	2.772	1.648	1.232

Run Probability Matrix			
Runners	0 Outs	1 Out	2 Outs
000	31.99%	15.21%	5.38%
100	52.22%	28.62%	12.15%
020	69.35%	51.70%	15.53%
003	78.26%	73.61%	31.11%
120	69.52%	51.06%	27.08%
103	86.84%	62.90%	26.51%
023	93.10%	79.69%	32.47%
123	100.00%	71.83%	48.48%

## Expected Runs By Inning

	1	2	3	4	5	6	7	8	9	FINAL
VISITOR	0.36	0.84	0.93	0.45	0.77	0.92	0.60	0.85	0.59	6.41
BATTLE CREEK	0.50	0.82	0.57	0.75	0.50	0.98	0.57	0.48	0.45	5.64

This sheet contains simple shorthand for a variety of complicated advanced metrics. Scan here for a quick glossary to help make the information more meaningful to you.

