

# ADVANCED STATS



July 28, 2022 vs. Rockford Rivets

#	Pitching	IP	BAA	BABIP	BB%	K%	K/BB	LOB%	FPS%	ERA	ERA-	FIP	FIP-	RE24	pWAA	WAR
27	Cole Altherr	9.2	.317	.419	11%	23%	2.20	50%	47%	7.45	147	3.30	65	1.42	0.12	0.21
NA	Keegan Batka	23.0	.179	.232	11%	28%	2.60	71%	53%	1.57	31	3.63	72	-8.09	0.22	0.54
36	Adam Berghorst	23.0	.198	.219	16%	12%	0.75	68%	52%	2.74	54	5.33	105	-3.72	-0.15	0.19
NA	Lucas Bixby	18.1	.304	.313	10%	10%	1.00	50%	52%	6.38	126	4.84	96	3.42	-0.03	0.20
5	Evan Borst	1.0	.000	.000	40%	20%	0.50	100%	60%	0.00	0	8.02	159	-0.69	-0.03	-0.02
19	Jackson Braden	36.2	.322	.355	5%	18%	3.44	52%	65%	5.65	112	4.30	85	2.76	0.12	0.63
13	Travis Cowan	25.2	.258	.264	21%	11%	0.54	48%	51%	8.06	159	7.10	140	9.19	-0.59	-0.29
10	Damon Cox	0.2	.667	.667	60%	10%	0.17	13%	20%	81.00	1602	28.02	554	4.75	-0.15	-0.13
NA	Nick Davies	5.2	.360	.381	34%	7%	0.21	47%	44%	20.65	409	13.73	272	13.65	-0.48	-0.38
NA	Rafael Gomez Jr.	0.1	.500	.500	33%	0%	0.00	100%	67%	0.00	0	13.02	258	0.41	-0.03	-0.02
25	Justin Graves	40.0	.225	.265	11%	17%	1.61	80%	55%	2.03	40	4.55	90	-19.80	0.04	0.73
NA	Dominic Hann	21.1	.301	.316	10%	11%	1.10	67%	59%	4.22	83	4.96	98	-2.11	-0.06	0.26
23	Ben Harris	1.2	.167	.200	31%	15%	0.50	43%	39%	16.20	320	12.42	246	3.22	-0.12	-0.09
31	Gavin Knust	19.1	.293	.355	10%	18%	1.89	67%	40%	3.26	64	4.44	88	-3.50	0.04	0.20
16	Caleb Lanoux	43.1	.271	.349	5%	25%	5.11	68%	65%	2.91	58	2.66	53	-10.59	0.83	1.21
NA	Jacob Lycan	11.1	.167	.273	22%	33%	1.50	67%	49%	5.56	110	4.82	95	-2.41	-0.02	0.08
12	Garrett Martin	49.0	.296	.319	5%	18%	3.80	63%	65%	4.22	83	4.47	88	-7.64	0.08	0.99
NA	Jeremiah Newman	10.2	.300	.387	35%	17%	0.48	47%	44%	13.50	267	8.71	172	9.85	-0.41	-0.28
NA	Cohen Nies	6.2	.217	.357	22%	31%	1.43	54%	69%	6.75	134	4.62	91	-0.22	0.00	0.06
26	AJ Riddle Jr.	13.1	.255	.324	14%	20%	1.44	65%	52%	6.08	120	5.22	103	-0.01	-0.07	0.13
NA	Nathan Ross	17.1	.318	.392	12%	22%	1.90	68%	48%	5.19	103	5.00	99	1.97	-0.06	0.11
17	Brett Sanchez	34.2	.237	.282	5%	22%	4.25	61%	59%	2.60	51	3.94	78	-8.24	0.23	0.76
NA	Peter Schaefer	2.0	.143	.000	0%	14%	INF	0%	71%	4.50	89	9.52	188	-0.37	-0.09	-0.05
NA	David Stich Jr.	3.2	.333	.333	38%	10%	0.27	48%	48%	19.64	389	16.57	328	10.69	-0.41	-0.35
18	Anthony Tejada	18.2	.224	.300	14%	26%	1.92	75%	61%	0.96	19	3.65	72	-2.87	0.18	0.33
34	Cade Thune	3.0	.273	.375	14%	29%	INF	20%	57%	9.00	178	3.36	66	2.45	0.04	0.06
35	Zack Tuskis	8.2	.273	.333	27%	14%	0.50	69%	45%	8.31	164	8.29	164	5.69	-0.30	-0.21
NA	Julian Vargas	1.1	.625	.444	8%	0%	0.00	18%	58%	40.50	801	18.27	362	4.60	-0.17	-0.15
11	Hank Weiss	20.1	.298	.424	14%	25%	1.73	51%	50%	8.85	175	4.42	87	4.34	0.04	0.22
NA	Robert Whelan	3.2	.167	.182	26%	9%	0.33	50%	57%	12.27	243	11.11	220	1.32	-0.22	-0.18
#	Batting	PA	AVG	OBP	SLG	OPS+	BB%	K%	HR%	wSB	SECA	wOBA	wRC+	RE24	pWAA	WAR
5	Evan Borst	27	.217	.308	.348	.89	7%	15%	3.7%	0.12	.348	.322	76	-2.98	-0.06	0.01
8	James Canar	111	.169	.321	.213	.51	14%	29%	0.0%	0.20	.236	.302	62	-10.44	-0.43	-0.15
29	Aaron Dolney	171	.271	.400	.371	123	18%	23%	0.0%	0.45	.343	.394	125	-1.13	0.53	1.06
7	Isaiah Gibbs	121	.226	.294	.302	.71	7%	27%	0.0%	-0.51	.151	.297	59	-13.31	-0.58	-0.27
NA	Rafael Gomez Jr.	85	.246	.366	.333	101	9%	27%	0.0%	1.10	.333	.360	102	-3.59	0.11	0.37
21	Joey Grabanski	218	.259	.353	.395	117	11%	24%	1.8%	-0.69	.276	.365	105	4.51	0.10	0.73
14	Billy Hancock	195	.311	.402	.395	131	11%	15%	0.5%	-1.29	.216	.398	128	0.63	0.52	1.13
30	Raymond Hilbrich	5	1.000	1.000	1.500	645	40%	0%	0.0%	-0.02	1.500	.970	520	2.01	0.23	0.26
NA	Core Jackson	20	.250	.450	.333	126	20%	10%	0.0%	0.32	.583	.420	143	-0.74	0.12	0.19
NA	Dillon Kark	193	.222	.306	.287	.70	6%	21%	0.0%	-1.20	.140	.304	63	-10.19	-0.86	-0.37
24	Jace Matkin	155	.246	.357	.377	112	13%	32%	1.3%	1.02	.354	.364	104	-5.74	0.18	0.63
2	Robbie Merced	167	.217	.305	.329	.82	10%	25%	1.2%	-2.14	.259	.313	69	-6.64	-0.71	-0.28
15	Patrick Mills	254	.290	.405	.440	146	14%	18%	0.8%	-0.39	.333	.413	138	14.38	1.05	1.89
NA	Bobby Nichols	124	.290	.382	.336	107	11%	19%	0.0%	0.80	.280	.370	108	3.58	0.19	0.57
9	Trevor Patterson	5	.333	.600	.333	170	40%	20%	0.0%	-0.01	.667	.533	221	1.26	0.07	0.09
4	Tate Peterson	19	.188	.263	.188	.27	5%	16%	0.0%	0.33	.188	.245	23	-1.59	-0.13	-0.09
NA	Fisher Pyatt	155	.241	.418	.353	123	20%	23%	1.3%	-0.64	.379	.406	133	3.60	0.53	1.03
1	Charlie Rhee	69	.196	.338	.214	.57	15%	12%	0.0%	-0.33	.250	.313	69	-12.78	-0.25	-0.07
17	Brett Sanchez	1	.000	.000	.000	-108	0%	100%	0.0%	0.00	.000	.000	-146	-0.53	-0.03	-0.03
3	Brycen Sherwood	63	.160	.333	.160	.39	19%	21%	0.0%	-0.30	.260	.299	60	-5.41	-0.29	-0.14
NA	Gabe Sotres	39	.242	.359	.394	118	15%	26%	0.0%	-0.43	.333	.369	108	-2.47	0.01	0.12
6	Jimmy Wressel	7	.200	.429	.200	.79	14%	43%	0.0%	-0.01	.200	.386	120	-0.67	0.02	0.04

## Expanded Standings

Team	W-L	W%	pythW-L	xpW-L	RS	RA	Diff	xRS	xRA	Luck	xLuck	SOS	SRS	Park Factors (OFF/DEF)	
Wisconsin Rapids	44-12	.786	41-15	36-20	376	213	+163	357	262	+3	+8	-0.24	2.67	95.67	92.99
St. Cloud	38-15	.717	37-16	38-15	344	213	+131	339	209	+1	0	0.12	2.60	102.36	97.63
Willmar	36-16	.692	35-17	34-18	345	234	+111	327	234	+1	+2	-0.28	1.86	99.75	98.26
Wasau	28-27	.509	30-25	31-24	334	308	+26	320	285	-2	-3	0.43	0.91	100.19	99.68
Eau Claire	32-20	.615	29-23	27-25	285	251	+34	285	281	+3	+5	0.11	0.76	93.79	94.47
Traverse City	32-22	.593	33-21	34-20	318	253	+65	294	227	-1	-2	-0.53	0.67	90.81	88.39
Fond du Lac	29-26	.527	30-25	27-28	389	345	+44	360	371	-1	+2	-0.24	0.56	103.56	102.19
Lakeshore	28-27	.509	28-27	28-27	297	289	+8	302	298	0	0	0.29	0.43	98.41	98.15
Kalamazoo	29-25	.537	29-25	29-25	398	362	+36	361	343	0	0	-0.27	0.39	98.69	99.10
La Crosse	27-27	.500	29-25	24-30	352	325	+27	321	366	-2	+3	-0.22	0.28	106.37	107.24
Rockford	26-29	.473	30-25	30-25	334	307	+27	325	304	-4	-4	-0.34	0.15	119.13	120.37
Kenosha	26-29	.473	29-26	27-28	314	296	+18	316	323	-3	-1	-0.22	0.11	107.21	106.47
Mankato	28-24	.538	27-25	32-20	281	272	+9	315	250	+1	-4	-0.07	0.10	96.17	95.24
Duluth	27-26	.509	26-27	25-28	296	300	-4	307	329	+1	+2	-0.01	-0.09	101.45	102.35
Rochester	24-28	.462	25-27	24-28	344	357	-13	328	357	-1	0	0.12	-0.13	102.03	102.89
Battle Creek	26-28	.481	24-30	26-28	303	349	-46	295	317	+2	0	0.04	-0.81	92.63	95.02
Green Bay	22-33	.400	21-34	23-32	266	346	-80	293	362	+1	-1	0.50	-0.95	107.10	109.21
Madison	23-33	.411	22-34	19-37	303	387	-84	285	411	+1	+4	0.18	-1.32	92.29	93.33
Bismarck	18-36	.333	22-32	20-34	311	390	-79	304	412	-4	-2	-0.05	-1.51	95.19	97.03
Waterloo	14-38	.269	17-35	19-33	281	416	-135	308	422	-3	-5	0.19	-2.40	104.59	104.65
Kokomo	14-39	.264	14-39	17-36	229	401	-172	232	363	0	-3	0.41	-2.84	94.79	95.89
Minnesota	6-21	.222	8-19	7-20	130	211	-81	123	234	-2	-1	0.10	-2.90		

\*highlighted records would lead division

## League Leaders

On-Base Average (wOBA)			Isolated Power (ISO)			Stolen Base Runs (SBR)			Wins Above Replacement (WAR)		
Ben Ross	WIR	.532	Ethan Mann	STC	.260	Ryan Guardino	WAT	4.50	Ben Ross	WIR	3.6
Sean Ross	MAN	.504	Brendan Bobo	WIR	.246	Michael Seegers	LAK	2.86	Sean Ross	MAN	3.1
John Nett	STC	.486	Ben Ross	WIR	.228	Camden Traficante	TVC	2.80	John Nett	STC	2.9
Hunter Dorraugh	WAU	.475	Kyle Huckstorf	WAT	.227	Caden Kaiser	LAK	2.77	Nick Mitchell	FDL	2.4
Ryan Guardino	WAT	.474	Joey Walls	WIL	.225	Jack Rogers	DUL	2.71	Brendan Bobo	WIR	2.3
Fielding Ind. Pitching (FIP)			Walk Rate (BB%)			Strikeout Rate (K%)			Wins Above Replacement (WAR)		
Caleb Lanoux	BC	2.66	Connor Harrison	LAC	4%	Kyle Seebach	RFD	29%	Donovan Schultz	MAN	1.7
Donovan Schultz	MAN	2.91	Pat Miner	DUL	4%	Donovan Schultz	MAN	29%	Ross Thompson	RFD	1.7
Drew Buhr	MAN	3.27	Jack Habeck	WIL	4%	Aaron Treloar	WAT	26%	Dan Wright	MAD	1.6
Aren Gustafson	TVC	3.38	Aren Gustafson	TVC	5%	Caleb Lanoux	BC	25%	Clark Candiotti	KEN	1.5
Ross Thompson	RFD	3.42	Garrett Martin	BC	5%	Will Semb	GB	24%	Aren Gustafson	TVC	1.5

## Matrices

Run Expectancy Matrix			
Runners	0 Outs	1 Out	2 Outs
000	0.687	0.308	0.093
100	1.173	0.644	0.212
020	1.315	0.973	0.219
003	1.288	1.253	0.438
120	1.806	1.265	0.593
103	1.927	1.442	0.452
023	2.347	1.738	0.682
123	2.532	1.619	1.159

Run Probability Matrix			
Runners	0 Outs	1 Out	2 Outs
000	33.19%	16.42%	6.43%
100	53.64%	29.60%	13.22%
020	68.46%	51.37%	16.42%
003	80.00%	72.94%	32.50%
120	73.08%	52.35%	26.92%
103	86.54%	64.94%	30.39%
023	92.31%	80.00%	36.17%
123	97.83%	71.43%	46.83%

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.



## DraftKings Betting Line

Teams	Run Line	Total	Moneyline
ROCKFORD RIVETS (26-29)	-1.5 (+115)	O 13 (+100)	-125
BATTLE CREEK BATTLE JACKS (26-28)	+1.5 (-135)	U 13 (-120)	+105