

# ADVANCED STATS



July 17, 2022 vs. Fond du Lac Dock Spiders

#	Pitching	IP	BAA	BABIP	BB%	K%	K/BB	LOB%	FPS%	ERA	ERA-	FIP	FIP-	RE24	pWAA	WAR
27	Cole Altherr	8.1	.314	.440	10%	26%	2.50	47%	54%	7.56	150	3.09	61	1.16	0.15	0.19
NA	Keegan Batka	23.0	.179	.232	11%	28%	2.60	71%	53%	1.57	31	3.66	72	-7.93	0.30	0.53
36	Adam Berghorst	23.0	.198	.219	16%	12%	0.75	68%	52%	2.74	54	5.35	106	-3.65	-0.05	0.19
NA	Lucas Bixby	18.1	.304	.313	10%	10%	1.00	50%	52%	6.38	126	4.87	96	3.55	0.04	0.20
19	Jackson Braden	31.2	.310	.346	5%	19%	3.50	56%	66%	5.68	113	4.46	88	0.31	0.19	0.49
13	Travis Cowan	24.2	.267	.267	20%	10%	0.50	46%	52%	8.39	166	7.17	142	9.69	-0.44	-0.28
10	Damon Cox	0.2	.667	.667	43%	14%	0.33	0%	29%	54.00	1070	14.55	288	2.91	-0.05	-0.05
NA	Nick Davies	5.2	.360	.381	34%	7%	0.21	47%	44%	20.65	409	13.75	272	13.62	-0.42	-0.38
NA	Rafael Gomez Jr.	0.1	.500	.500	33%	0%	0.00	100%	67%	0.00	0	13.05	258	0.41	-0.02	-0.02
25	Justin Graves	40.0	.225	.265	11%	17%	1.61	80%	55%	2.03	40	4.57	91	-19.67	0.19	0.72
NA	Dominic Hann	21.1	.301	.316	10%	11%	1.10	67%	59%	4.22	84	4.98	99	-2.10	0.03	0.26
23	Ben Harris	1.2	.167	.200	31%	15%	0.50	43%	39%	16.20	321	12.45	247	3.23	-0.11	-0.09
31	Gavin Knust	18.1	.275	.328	10%	17%	1.67	69%	40%	2.45	49	4.54	90	-4.79	0.09	0.18
16	Caleb Lanoux	41.2	.270	.344	5%	24%	4.78	67%	65%	3.02	60	2.78	55	-9.31	0.87	1.11
28	Jacob Lycan	11.1	.167	.273	22%	33%	1.50	67%	49%	5.56	110	4.84	96	-2.38	0.03	0.08
12	Garrett Martin	42.0	.309	.336	4%	19%	4.38	62%	63%	4.93	98	4.57	91	-4.66	0.20	0.81
NA	Jeremiah Newman	10.2	.300	.387	35%	17%	0.48	47%	44%	13.50	267	8.73	173	9.94	-0.34	-0.28
NA	Cohen Nies	6.2	.217	.357	22%	31%	1.43	54%	69%	6.75	134	4.65	92	-0.11	0.03	0.06
26	Aj Riddle Jr.	7.1	.259	.318	16%	16%	1.00	65%	47%	7.36	146	6.50	129	1.19	-0.09	-0.02
NA	Nathan Ross	17.1	.318	.392	12%	22%	1.90	68%	48%	5.19	103	5.03	100	2.01	0.01	0.11
17	Brett Sanchez	34.2	.237	.282	5%	22%	4.25	61%	59%	2.60	51	3.96	78	-8.16	0.36	0.76
NA	Peter Schaefer	2.0	.143	.000	0%	14%	INF	0%	71%	4.50	89	9.55	189	-0.37	-0.08	-0.05
NA	David Stich Jr.	3.2	.333	.333	38%	10%	0.27	48%	48%	19.64	389	16.59	329	10.85	-0.37	-0.34
18	Anthony Tejada	17.2	.234	.313	13%	27%	2.00	74%	60%	1.02	20	3.59	71	-2.22	0.24	0.32
34	Cade Thune	2.0	.250	.400	0%	38%	INF	0%	50%	9.00	178	1.05	21	1.15	0.07	0.08
35	Zack Tukis	8.2	.273	.333	27%	14%	0.50	69%	45%	8.31	165	8.32	165	5.99	-0.24	-0.21
NA	Julian Vargas	1.1	.625	.444	8%	0%	0.00	18%	58%	40.50	802	18.30	362	4.59	-0.15	-0.14
11	Hank Weiss	19.1	.309	.431	15%	23%	1.60	51%	51%	9.31	184	4.67	92	5.09	0.08	0.16
NA	Robert Whelan	3.2	.167	.182	26%	9%	0.33	50%	57%	12.27	243	11.14	221	1.28	-0.19	-0.18
#	Batting	PA	AVG	OBP	SLG	OPS+	BB%	K%	HR%	wSB	SECA	wOBA	wRC+	RE24	pWAA	WAR
5	Evan Borst	11	.222	.364	.556	169	9%	9%	9%	0.35	.667	.417	142	0.08	0.07	0.12
8	James Canar	102	.157	.300	.205	43	12%	29%	0%	0.05	.205	.285	50	-10.06	-0.50	-0.31
29	Aaron Dolney	161	.284	.400	.388	128	16%	23%	0%	0.47	.328	.397	128	-0.08	0.51	1.03
7	Isaiah Gibbs	121	.226	.294	.302	71	7%	27%	0%	-0.53	.151	.297	58	-12.94	-0.53	-0.30
NA	Rafael Gomez Jr.	85	.246	.366	.333	102	9%	27%	0%	1.12	.333	.360	102	-3.21	0.11	0.36
21	Joey Grabanski	209	.266	.359	.407	122	11%	23%	2%	-0.70	.282	.371	110	6.45	0.20	0.78
14	Billy Hancock	180	.316	.391	.405	131	8%	15%	1%	-1.28	.190	.391	124	-1.41	0.37	0.92
NA	Core Jackson	20	.250	.450	.333	126	20%	10%	0%	0.32	.583	.421	145	-0.64	0.12	0.19
9	Dillon Kark	179	.225	.302	.288	69	6%	22%	0%	-1.21	.131	.300	60	-8.50	-0.78	-0.44
24	Jace Matkin	150	.242	.342	.375	107	11%	33%	1%	1.05	.336	.352	96	-8.15	0.05	0.45
2	Robbie Merced	167	.217	.305	.329	82	10%	25%	1%	-2.17	.259	.312	69	-6.44	-0.66	-0.33
15	Patrick Mills	238	.288	.394	.434	141	13%	18%	1%	-0.56	.303	.403	132	12.59	0.77	1.55
NA	Bobby Nichols	124	.290	.382	.336	107	11%	19%	0%	0.81	.280	.369	109	3.54	0.19	0.55
4	Tate Peterson	14	.167	.286	.167	27	7%	21%	0%	0.34	.250	.264	35	-0.60	-0.06	-0.04
NA	Fisher Pyatt	155	.241	.418	.353	123	20%	23%	1%	-0.66	.379	.406	134	3.94	0.51	1.02
1	Charlie Rhee	59	.188	.328	.208	52	14%	12%	0%	-0.32	.250	.305	64	-11.31	-0.23	-0.11
17	Brett Sanchez	1	.000	.000	.000	-108	0%	100%	0%	0.00	.000	.000	-148	-0.51	-0.02	-0.03
3	Brycen Sherwood	54	.178	.315	.178	39	15%	24%	0%	-0.65	.156	.287	51	-5.48	-0.30	-0.21
NA	Gabe Sotres	39	.242	.359	.394	118	15%	26%	0%	-0.44	.333	.368	108	-2.30	0.01	0.11
6	Jimmy Wressel	2	.000	.500	.000	39	50%	50%	0%	-0.01	1.000	.425	147	-0.03	0.01	0.02

## 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	35-14	.714	35-14	35-14	319	194	+125	316	190	0	0	0.17	2.72	102.07	97.26
Wisconsin Rapids	42-10	.808	38-14	33-19	349	196	+153	327	242	+4	+9	-0.26	2.68	95.78	93.10
Willmar	32-16	.667	32-16	32-16	320	219	+101	305	210	0	0	-0.32	1.78	99.81	98.38
Wasau	27-25	.519	29-23	30-22	304	268	+36	290	251	-2	-3	0.36	1.05	100.12	99.43
Traverse City	29-22	.569	30-21	31-20	305	247	+58	278	221	-1	-2	-0.43	0.71	89.72	87.32
Eau Claire	30-20	.600	27-23	25-25	264	242	+22	268	271	+3	+5	0.14	0.58	94.18	95.08
Lakeshore	26-25	.510	26-25	27-24	279	269	+10	282	269	0	-1	0.24	0.44	98.53	98.24
Fond du Lac	27-24	.529	27-24	25-26	352	327	+25	328	340	0	+2	-0.07	0.42	103.40	102.21
Kalamazoo	27-24	.529	28-23	27-24	383	348	+35	345	331	-1	0	-0.29	0.39	98.41	98.83
La Crosse	26-24	.520	27-23	22-28	335	308	+27	304	345	-1	+4	-0.33	0.21	105.35	106.27
Rockford	25-27	.481	28-24	29-23	318	288	+30	310	279	-3	-4	-0.39	0.19	119.77	121.05
Mankato	27-23	.540	26-24	30-20	270	259	+11	300	241	+1	-3	-0.08	0.14	95.89	94.88
Kenosha	25-27	.481	27-25	26-26	295	280	+15	297	299	-2	-1	-0.22	0.07	107.42	106.70
Duluth	27-22	.551	25-24	24-25	281	269	+12	290	301	+2	+3	-0.17	0.07	100.71	101.40
Rochester	23-25	.479	24-24	23-25	320	323	-3	302	326	-1	0	-0.07	-0.13	103.03	103.82
Battle Creek	24-27	.471	22-29	23-28	284	331	-47	273	303	+2	+1	0.02	-0.90	92.34	94.78
Green Bay	19-32	.373	19-32	20-31	239	323	-84	261	338	0	-1	0.58	-1.06	107.35	109.57
Madison	22-30	.423	21-31	19-33	279	342	-63	267	368	+1	+3	0.09	-1.12	92.41	93.24
Bismarck	17-33	.340	20-30	19-31	284	357	-73	280	376	-3	-2	0.18	-1.28	94.54	96.36
Waterloo	11-37	.229	15-33	17-31	248	389	-141	279	400	-4	-6	0.39	-2.55	105.62	105.83
Kokomo	14-36	.280	14-36	16-34	226	389	-163	227	350	0	-2	0.36	-2.90	95.86	96.88
Minnesota	6-21	.222	8-19	7-20	130	211	-81	123	234	-2	-1	0.12	-2.88		

\*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	.530	Ethan Mann	STC	.272	Ryan Guardino	WAT	4.57	Ben Ross	WIR	3.6
Sean Ross	MAN	.511	Ben Ross	WIR	.228	Camden Traficante	TVC	2.69	Sean Ross	MAN	3.1
John Nett	STC	.493	Brendan Bobo	WIR	.228	Caden Kaiser	LAK	2.47	John Nett	STC	2.8
Hunter Dorraugh	WAU	.475	Joey Walls	WIL	.228	Jack Rogers	DUL	2.44	Nick Mitchell	FDL	2.3
Ryan Guardino	WAT	.473	Kyle Huckstorf	WAT	.227	Brett Bateman	WIL	2.39	Kristian Campbell	DUL	2.2
Fielding Ind. Pitching (FIP)			Walk Rate (BB%)			Strikeout Rate (K%)			Wins Above Replacement (WAR)		
Caleb Lanoux	BC	2.78	Connor Harrison	LAC	3%	Derek Clark	TVC	29%	Ross Thompson	RFD	1.7
Donovan Schultz	MAN	2.93	Derek Clark	TVC	3%	Kyle Seebach	RFD	29%	Donovan Schultz	MAN	1.6
Derek Clark	TVC	3.21	Jack Habeck	WIL	4%	Donovan Schultz	MAN	29%	Dan Wright	MAD	1.6
Drew Buhr	MAN	3.29	Pat Miner	DUL	4%	Aaron Treloar	WAT	25%	Clark Candiotti	KEN	1.5
Aren Gustafson	TVC	3.41	Garrett Martin	BC	4%	Will Semb	GB	24%	Aren Gustafson	TVC	1.5

## Matrices

Run Expectancy Matrix			
Runners	0 Outs	1 Out	2 Outs
000	0.684	0.308	0.084
100	1.169	0.658	0.208
020	1.327	0.961	0.214
003	1.264	1.263	0.412
120	1.825	1.278	0.594
103	1.963	1.452	0.449
023	2.450	1.767	0.687
123	2.700	1.671	1.219

Run Probability Matrix			
Runners	0 Outs	1 Out	2 Outs
000	33.00%	16.43%	6.06%
100	53.05%	30.00%	13.20%
020	68.79%	50.57%	16.04%
003	82.76%	73.17%	32.74%
120	72.27%	51.85%	26.47%
103	85.42%	63.01%	30.21%
023	94.29%	79.45%	34.88%
123	97.30%	72.15%	48.25%

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
KENOSHA KINGFISH (25-27)	-1.5 (+110)	O 12.5 (-120)	-115
BATTLE CREEK BATTLE JACKS (24-27)	+1.5 (-130)	U 12.5 (+100)	-105