

# ADVANCED STATS



June 27, 2022 vs Traverse City Pit Spitters

#	Pitchers	IP	BAA	BABIP	BB%	K%	LOB%	FPS%	PFR	ERA-	FIP	FIP-	xR9	RE24	WAA
1	Jeremiah Newman	10.0	.297	.393	32%	19%	55%	46%	3.00	214	7.82	169	14.93	3.63	-0.83
6	Keegan Batka	16.0	.167	.257	12%	34%	65%	54%	1.88	37	2.77	60	2.81	-6.38	0.44
10	Nick Davies	5.1	.250	.250	33%	9%	54%	49%	2.63	292	12.65	274	15.94	7.53	-0.50
11	Hank Weiss	10.0	.300	.414	15%	23%	48%	54%	2.00	234	4.92	107	8.60	0.14	-0.27
12	Garrett Martin	23.0	.358	.385	6%	17%	59%	66%	1.04	170	5.63	122	8.00	3.29	-0.49
13	Nathan Ross	17.1	.318	.392	12%	22%	68%	48%	1.67	112	5.00	108	7.66	1.23	-0.31
16	Caleb Lanoux	18.0	.286	.333	3%	19%	73%	66%	0.94	43	2.69	58	2.76	-8.48	0.50
17	Brett Sanchez	17.2	.200	.245	6%	19%	59%	56%	1.13	11	3.85	83	1.48	-5.64	0.72
18	Anthony Tejada	12.0	.205	.300	13%	31%	71%	64%	2.00	32	3.19	69	4.66	-4.92	0.12
19	Travis Cowan	13.1	.277	.250	23%	6%	34%	52%	1.50	249	8.45	183	8.79	1.76	-0.38
25	Justin Graves	20.2	.225	.276	13%	18%	76%	48%	1.31	38	4.36	94	3.22	-10.03	0.49
26	Jackson Braden	10.1	.408	.429	9%	12%	41%	68%	1.16	283	6.63	144	12.46	9.23	-0.64
27	Lucas Bixby	16.0	.241	.259	11%	10%	65%	54%	0.94	97	4.83	105	3.00	-6.07	0.41
28	Jacob Lycan	2.1	.333	.750	8%	50%	100%	42%	3.00	0	1.45	31	9.49	-0.66	-0.08
30	Dominic Hann	17.1	.304	.313	7%	10%	62%	59%	0.81	90	4.48	97	4.22	-1.48	0.24
31	Gavin Knust	7.2	.267	.364	10%	25%	63%	38%	1.83	76	4.54	98	6.00	-0.04	-0.02
34	Peter Schaefer	0.0	.000	.000	0%	0%	0%	0%	0.00	0	0.00	0	0.00	0.00	0.00
35	Zack Tukis	6.1	.143	.188	24%	17%	91%	45%	1.89	31	6.23	135	5.02	-4.06	0.04
36	Adam Berghorst	3.0	.286	.286	17%	6%	86%	50%	1.33	0	6.35	138	8.99	-0.79	-0.09
#	Catchers	PA	AVG	OBP	SLG	OPS+	BB%	K%	HR%	SBR	SECA	wOBA	wRC+	RE24	WAA
14	Billy Hancock	101	.302	.400	.419	142	10%	10%	1.0%	-1.44	.233	.404	139.38	-0.49	0.35
23	Gabe Sotres	31	.231	.355	.385	118	16%	26%	0.0%	0.37	.385	.368	112	-0.87	0.01
29	Aaron Dolney	86	.254	.376	.366	119	16%	26%	0.0%	0.45	.324	.378	120	-6.55	0.11
#	Infielders	PA	AVG	OBP	SLG	OPS+	BB%	K%	HR%	SBR	SECA	wOBA	wRC+	RE24	WAA
2	Robbie Merced	102	.221	.317	.384	107	12%	21%	2.0%	-0.35	.326	.335	87	0.14	-0.24
5	Fisher Pyatt	109	.210	.398	.333	115	21%	23%	1.8%	-0.20	.407	.390	129	1.67	0.25
8	James Canar	53	.159	.275	.227	45	9%	23%	0.0%	0.06	.205	.272	40	-9.17	-0.41
9	Dillon Kark	96	.256	.323	.337	94	5%	20%	0.0%	-0.04	.128	.327	81	-2.22	-0.29
15	Patrick Mills	128	.353	.476	.559	209	17%	16%	1.6%	0.21	.431	.493	206	17.30	1.33
21	Joey Grabanski	107	.267	.374	.411	132	11%	24%	1.9%	0.43	.300	.384	125	1.55	0.20
22	Core Jackson	20	.250	.450	.333	130	20%	10%	0.0%	0.12	.583	.427	157	-1.34	0.11
#	Outfielders	PA	AVG	OBP	SLG	OPS+	BB%	K%	HR%	SBR	SECA	wOBA	wRC+	RE24	WAA
3	Rafael Gomez Jr.	67	.200	.333	.255	71	9%	30%	0.0%	2.26	.273	.323	78	-7.50	-0.22
4	Bobby Nichols	83	.292	.378	.306	100	11%	16%	0.0%	-0.28	.208	.356	104	-0.07	-0.04
7	Isaiah Gibbs	72	.210	.292	.274	65	7%	24%	0.0%	-1.42	.129	.290	54	-12.42	-0.44
24	Jace Matkin	88	.291	.345	.468	141	7%	28%	2.3%	1.12	.316	.373	116	-6.13	0.08

## DraftKings Game Line

Teams	Run Line	Total	Moneyline
TRAVERSE CITY PIT SPITTERS (13-15)	+1.5 (-145)	O 13 (+100)	+110
BATTLE CREEK BATTLE JACKS (14-14)	-1.5 (+125)	U 13 (-120)	-130

## 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	19-6	.760	19-6	19-6	179	93	+86	174	99	0	0	-0.13	3.31	99.42	94.07
Wisconsin Rapids	23-4	.852	20-7	17-10	174	99	+75	152	119	+3	+6	-0.39	2.39	93.60	91.33
Willmar	15-11	.577	15-11	17-9	161	134	+27	165	117	0	-2	0.51	1.55	99.86	99.53
Kalamazoo	16-12	.571	17-11	15-13	220	175	+45	189	180	-1	+1	-0.41	1.19	103.05	103.48
Eau Claire	16-10	.615	16-10	14-12	134	106	+28	133	123	0	+2	-0.23	0.85	99.24	100.38
Fond du Lac	14-12	.538	14-12	12-14	174	156	+18	154	172	0	+2	0.03	0.72	101.72	100.31
Lakeshore	14-14	.500	16-12	17-11	154	134	+20	164	131	-2	-3	-0.06	0.65	97.60	97.07
Rockford	14-14	.500	16-12	15-13	171	145	+26	156	150	-2	-1	-0.40	0.53	117.00	118.53
La Crosse	15-13	.536	16-12	14-14	192	170	+22	176	185	-1	+1	-0.31	0.48	100.34	101.46
Mankato	14-14	.500	14-14	17-11	146	151	-5	157	130	0	-3	0.56	0.38	97.51	96.56
Kenosha	14-14	.500	15-13	14-14	164	151	+13	159	157	-1	0	-0.22	0.24	106.64	105.82
Traverse City	13-15	.464	15-13	16-12	151	144	+7	149	134	-2	-3	-0.17	0.08	89.79	87.48
Duluth	15-12	.556	14-13	12-15	161	151	+10	157	174	+1	+3	-0.43	-0.06	100.32	101.21
Wasau	13-15	.464	12-16	13-15	111	129	-18	116	130	+1	0	0.35	-0.29	97.47	97.46
Madison	13-15	.464	13-15	13-15	140	153	-13	135	151	0	0	-0.06	-0.52	97.33	97.63
Battle Creek	14-14	.500	12-16	13-15	166	192	-26	163	183	+2	+1	0.24	-0.69	91.97	94.48
Rochester	11-15	.423	12-14	11-15	156	176	-20	148	180	-1	0	-0.06	-0.83	103.72	105.02
Green Bay	9-19	.321	9-19	10-18	111	168	-57	120	173	0	-1	0.75	-1.29	108.71	111.13
Minnesota	5-10	.333	6-9	5-10	87	113	-26	77	122	-1	0	-0.03	-1.77		
Waterloo	7-19	.269	8-18	9-17	126	191	-65	145	206	-1	-2	0.27	-2.23	107.52	106.10
Bismarck	9-17	.346	9-17	9-17	134	191	-57	135	189	0	0	-0.27	-2.46	96.67	98.75
Kokomo	8-19	.296	8-19	10-17	120	203	-83	130	186	0	-2	0.37	-2.71	97.63	97.69

\*highlighted records would lead division

## League Leaders

On-Base Average (wOBA)			Secondary Average (SECA)			Runs Created (wRC+)			Wins Above Average (WAA)		
Ben Ross	WIR	.535	Caden Kaiser	LAK	.603	Ben Ross	WIR	237	Ben Ross	WIR	1.41
Michael Carico	ROC	.511	Trey Truitt III	TVC	.591	Brendan Bobo	WIR	215	Patrick Mills	BC	1.33
Nico Regino	ROC	.509	Ryan Guardino	WAT	.577	Michael Carico	ROC	208	Sean Ross	MAN	1.24
Brendan Bobo	WIR	.507	Michael Carico	ROC	.528	Landon Wallace	LAC	208	John Nett	STC	1.15
Landon Wallace	LAC	.505	Brendan Bobo	WIR	.500	Nico Regino	ROC	207	Garrett Martin	LAK	1.14
Fielding Ind. Pitching (FIP)			Expected Runs / 9IP (xR9)			Strikeout Rate (K%)			Wins Above Average (WAA)		
Hector Garcia	KMO	2.13	Dan Wright	MAD	0.02	Hector Garcia	KMO	34%	Dan Wright	MAD	1.81
Dan Wright	MAD	2.21	Owen Boerema	MAN	0.31	Jake Hamilton	DUL	33%	Jack Habeck	WIL	1.73
David Rodriguez	ROC	2.23	Jack Habeck	WIL	0.75	Brandt Thompson	MIN	33%	Dylan Carter	GB	1.27
Owen Boerema	MAN	2.72	Ty Rybarczyk	RFD	0.99	Owen Boerema	MAN	30%	Owen Boerema	MAN	1.21
Jake Hamilton	DUL	2.98	Eric Chalus	LAK	1.42	Eric Chalus	LAK	30%	Aren Gustafson	TVC	1.17

## Matrices

Run Expectancy Matrix			
Runners	0 Outs	1 Out	2 Outs
000	0.733	0.282	0.055
100	1.235	0.674	0.144
020	1.446	1.044	0.206
003	1.500	1.549	0.469
120	1.797	1.467	0.739
103	2.091	1.341	0.411
023	2.337	1.857	0.751
123	2.867	1.837	1.338

Run Probability Matrix			
Runners	0 Outs	1 Out	2 Outs
000	32.72%	14.29%	4.57%
100	54.65%	27.43%	10.56%
020	69.77%	49.46%	15.69%
003	70.00%	76.19%	32.26%
120	70.83%	58.70%	31.82%
103	81.82%	60.98%	24.59%
023	86.67%	80.95%	35.00%
123	100.00%	77.55%	50.70%

## Expected Runs By Inning

	1	2	3	4	5	6	7	8	9	FINAL
VISITOR	0.4	1.0	1.1	0.4	0.9	1.1	0.5	0.6	0.8	5.68
BATTLE CREEK	0.5	0.8	0.5	1.0	0.5	1.0	0.7	0.6	0.6	5.50

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.

