



GAME NOTES



1000 PARK AVENUE, ALTOONA, PA 16602 | 814.283.3180 | ALTOONACURVEBASEBALL | ALTOONACURVE | @ALTOONACURVE | ALTOONA_CURVE

EASTERN LEAGUE CHAMPIONS
2010, 2017

DIVISION CHAMPIONS
2004, 2010, 2017, 2018

PLAYOFF APPEARANCES
2003, 2004, 2005, 2006, 2010,
2015, 2016, 2017, 2018

PLAYERS TO MLB
170



July 25, 2019 -- Game #101, Second Half Game #34, Home Game #51
Richmond Flying Squirrels (36-64, 13-20) vs. Altoona Curve (52-48, 17-16)
RHP Brandon Lawson (3-5, 3.80) vs. RHP Pedro Vasquez (6-1, 2.72)
6:30 p.m. | Peoples Natural Gas Field | Altoona, Pa.
Radio -- WRTA 98.5 FM & Curve Radio Network | TV -- MiLB.TV



UPCOMING GAMES & PITCHING PROBABLES

Fri., July 26 Richmond 7 p.m. LHP Caleb Baragar (2-3, 3.62) vs. LHP Sean Brady (3-8, 4.74)
Sat., July 27 Richmond 6 p.m. RHP Alfred Gutierrez (6-4, 4.29) vs. TBD
Sun., July 28 Richmond 6 p.m. TBD vs. RHP Cody Bolton (0-1, 5.79)

THE LAST TIME OUT: The Curve dropped their third straight against Erie, 7-4, in the last game of the season series with the SeaWolves. Six of Erie's seven runs scored on home runs: a solo blast in the second by Frank Schwindel, a two-run homer by Kody Eaves in the sixth followed by a game-breaking three-run shot by Daniel Pinero in the eighth. Altoona rallied for three in the ninth to narrow the score to three. **Domingo Robles** held Erie to three runs over a season-high seven innings before Erie pushed four across against **Beau Sulser** during the eighth.

TODAY'S GAME: The Curve open a four-game series with the Richmond Flying Squirrels, Double-A affiliate of the San Francisco Giants. It is Richmond's second visit to Altoona in 2019, but the Curve will play their next eight home games against the Flying Squirrels after the Curve returns from a six-game road trip to host Richmond for four more on August 5-8. Altoona has won all four series between the clubs by outscoring the Squirrels 66-49. These are the last four games of an 18-day stretch after the All-Star Break with 19 games for the Curve before the first of two remaining off days. Additionally, it is the only series for the Curve in the month of July without the designated hitter.

THE CURVE: The Curve are 5-10 since the All-Star Break and have not won a series after going 23-9 with one series loss between June 3-July 7. Since the break, Altoona has struck out the most (148) and drawn the most walks (52) while ranking 10th in the league with a .230 (112/488) average over that period. The pitching staff has carried a 4.33 ERA (63 ER/131 IP) since the break and has allowed five runs or more eight times after leading the E.L. with a 2.84 ERA from June 3-July 7. The Curve have reached the E.L. Playoffs in each of the last four seasons, the longest active streak in the league and tied for the longest run in franchise history (2003-06).

THE FLYING SQUIRRELS: Richmond's .360 winning percentage is the lowest at Double-A and second-lowest among all full-season teams in the Minors, bettering only West Michigan's (Class A Tigers) .340 (34-66). The Flying Squirrels won 4 of 7 from July 14-20 but have lost four straight, including a three-game sweep to Bowie in their most recent series in which they were held to one run. The Squirrels' offense scores the fewest runs per game (3.26), has the lowest team batting average (.218) and hit the fewest homers (61). Richmond pitchers have held a 3.87 ERA, second-highest in the E.L.

FOR ALTOONA: Right-hander **Pedro Vasquez** will make his 17th outing and 19th overall between Double-A and Triple-A. He has not pitched since he was removed with elbow discomfort from his July 15 start, his first after the All-Star Break, after 2.1 innings versus Trenton. Vasquez pitched a 1-2-3 third inning in the Eastern League All-Star Game in Richmond to aid a 5-0 victory for the Western Division over the Eastern Division on July 10. The 23-year-old went 3-0 in June while leading the Eastern League with 0.87 ERA and 0.74 WHIP last month. The right-hander from Santo Domingo was originally signed by Seattle as an international free agent in 2015 and was acquired by the Pirates in a trade on September 1, 2016 as a player-to-be-named later for RHP Arquimedes Caminero...*For more on Vasquez, see page two.*

FOR RICHMOND: Right-hander Brandon Lawson takes the hill for his 17th start for Richmond. In his latest appearance, Lawson threw a career-high eight one-hit, scoreless innings with six strikeouts and took a no-decision. Richmond and Erie were scoreless after nine innings and the SeaWolves beat the Flying Squirrels, 6-2, in 10 innings. Lawson faces Altoona for the third time this year after he made his first two outings in the Giants organization against Altoona on April 27 (4 R/3.2 IP) and May 2 (1 R/3.0 IP). Lawson was initially drafted by the Tampa Bay Rays in the 12th round out of South Florida and was released on March 23, 2019 before he was scooped up by San Francisco on April 23.

WILD, WILD WEST: The top four teams in the Western Division are all separated by 3.5 games in the full-season standings as Bowie and Erie are tied for the best overall record in the division. Under the old playoff format, Erie and Bowie would be playoff bound if the season ended today but Bowie would get the last remaining berth due to the new split-season format. Harrisburg rode a 21-4 record in April to a 42-28 finish to punch their ticket to the postseason as First-Half Division Champions.

YEAR OF THE PITCHER: The Eastern League has witnessed seven no-hitters in 2019, the most since a record nine no-nos were thrown in 1967. The league-wide batting average stands at .238 with teams scoring 4.01 runs per game. The last time the league average finished under .250 and 4.0 runs per game was in 1989 (.249/3.95) while 1971 (.234/3.57) was the last season below .240 and fewer than 4.0 runs per game. Strikeouts and time of game have also been impacted by pitching this year. E.L. pitchers are averaging 8.7 SO/9 IP, the highest ratio in league history going back to the earliest data available in 1965. Meanwhile, the Eastern League's average nine-inning game time of 2:37:40 is the fastest in baseball.

GLOVE TRAIN: The Curve defense owns the highest fielding percentage (.984) and committed the fewest errors (59) while turning the third-most double plays (97) at the Double-A level. However, the club has committed eight errors over their last seven games. The team has put away outs despite a high rate of ball put into play as Curve pitchers strike out the fewest hitters (696) and walk the 10th-least (283) among full-season clubs in the Minors. The Curve have set the franchise record for highest team fielding percentage in each of the last three seasons, which was .980 in 2016 and 2017 before the 2018 club held a .985 mark.

OLIVA COMING ALIVE: **Jared Oliva** has hit safely in 11 of 12 while batting .358 (19/53) since July 13. The top hitter in the Eastern League since early June, Oliva has been on base in 41 of his last 46 games with a .425 on-base percentage and hitting .351 (60/171), both the highest rates in the league over that time. His batting average has risen from a season-low .193 to .280, ninth-best in the E.L. and third in Pittsburgh's system, over that time. In the Second-Half, Oliva leads the E.L. with a .376 batting average, .443 on-base percentage, .999 OPS and 44 hits. He has also converted 20 straight stolen base attempts, the most in the E.L. since June 9, and ranks second on the circuit and first in the Pirates system with 28 for the year.

BIG FLY BLIGH: **Bligh Madris** hit a three-run homer to tie Sunday's game in Bowie, 6-6, his seventh of the season. Even though all seven roundtrippers have been on the road, five of Madris' home runs have been either go-ahead or game-tying homers in Curve wins. He also owns three other game-winning hits, including a walk-off single on April 11, Altoona's home opener and the fifth walk-off hit of his pro career. Madris ranks fifth in the E.L. with 91 hits and has 14 multi-hit games in his last 38 contests since June 12, batting .313 (42/133) with eight doubles, five home runs and 25 RBIs, second-most in the E.L. over that time. Madris hit .326 (29/89) over his first 21 games at Double-A through April 28 with seven doubles and nine RBIs before slumping to a .156 (14/90) pace with three doubles and five RBIs over his next 28 from April 29-June 1.

LOOKIN' SHARPE: Over his first month at Double-A, **Chris Sharpe** has been one of the most productive players in the Eastern League. Since his Double-A debut on June 21, his 24 runs and 22 RBIs are second-most and while six homers by the outfielder rank third. His go-ahead, two-run homer in the ninth inning in Bowie on Sunday was his third game-winning hit for Altoona to go with a walk-off single on June 28 and a go-ahead grand slam on June 30, each versus Binghamton. Sharpe was a 2019 Florida State League All-Star and batted .292 for A-Adv. Bradenton. Between both levels, he ranks among the best performers in the Pirates system with a .261 batting average (7th), 11 homers (T-7th), 52 RBIs (6th), 23 doubles (T-4th), 91 hits (T-4th) and 60 runs (3rd).

G'DAYS FOR ROBBIE: **Robbie Glendinning** leads Pirates minor leaguers with a .304 batting average (min. 300 plate appearances) while his career-high 11 homers (T-7th), 51 RBIs (7th), 23 doubles (T-4th) and 95 hits (2nd) between two levels also rank among the organization's best. Glendinning hit .333 (23/69) with 18 RBIs over his first 16 games back with the Curve from June 14-July 4, but hit .148 (8/54) from July 5-23 (1), including an 0-for-21 slide over six games, with just three RBIs. In his last two games, he is 3-for-7. The Western Australia native was a 2019 Florida State League All-Star for A-Adv. Bradenton and led the FSL with .340 average, .599 slugging percentage and .992 OPS over 43 games after he played his first nine games of the year with the Curve.

PROSPECT WATCH: The Curve active roster features two of *Baseball America's* Top 30 Pirates prospects in outfielder **Jared Oliva** (No. 19) and right-handed pitcher **Cody Bolton** (No. 21). Oliva is ranked by B.A. as the "Best Defensive Outfielder" in Pittsburgh's system. MLB.com has three Top 30 Pirates prospects in Altoona with Oliva (No. 9), Bolton (No. 23) and right-handed reliever **Blake Cederlind** (No. 30).

2019 E.L. WESTERN STANDINGS

Team	2nd Half	Overall	GB	Today
Bowie	26-7	56-45	--	@ BNG
Erie	24-9	55-44	2.0	vs. TRN
Altoona	17-16	52-48	9.0	vs. RIC
x-Harrisburg	14-18	56-46	11.5	@ POR
Richmond	13-20	36-64	13.0	@ ALT
Akron	10-24	44-59	16.5	@ HFD

2019 E.L. EASTERN STANDINGS

Team	2nd Half	Overall	GB	Today
Reading	22-13	61-41	--	@ NHM
Binghamton	17-19	52-48	5.5	vs. BOW
Portland	16-18	43-58	5.5	vs. HBG
x-Trenton	16-18	54-45	5.5	@ ERI
Hartford	15-18	52-48	6.0	vs. AKR
New Hamp.	12-22	43-58	9.5	vs. REA

2019 CURVE AT A GLANCE

Overall Record	52-48
First Half	35-32
Second Half	17-16
Home	26-24
Road	26-24
Place (E.L. Western)	3rd
Games Ahead/Behind	-9.0
Streak	L3
Last 5	2-3
Last 10	3-7
All-Time Record	1,486-1,436

2019 vs. Richmond	9-4
at Altoona	2-1
at Richmond	7-3
All-time vs. Richmond	107-85
at Altoona	63-36
at Richmond	44-49

'19 Home Attendance	200,205
Home Openings	46
Average Attendance	4,352

CURVE LEAGUE RANKINGS

Runs/Runs Per Game	4.01 (7th)
Average	.242 (4th)
RISP	.250 (6th)
Home Runs	62 (11th)
Stolen Bases	70 (6th)

ERA	3.69 (9th)
Starter ERA	3.98 (8th)
Reliever ERA	3.30 (8th)
Strikeouts/9 IP	7.2 (12th)
Walks/9 IP	2.9 (3rd)
Home Runs Allowed	89 (11th)

ON THE HOMESTAND

Games	4
Record	1-3

Average	.264 (33/125)
Runs/Runs Per Game	12/3.0
Home Runs	0
RISP	.353 (6/17)
Errors	5

ERA	2.42 (14 ER/35.0 IP)
Starter W-L	1-2
Starter ERA	3.74 (9 ER/21.2 IP)
Reliever W-L	0-1
Reliever ERA	3.38 (5 ER/13.1 IP)
Saves/Opps	1/1

BROADCAST INFORMATION



Garett Mansfield and Michael Marcantonini will call the action of the 2019 season on the flagship of the Curve, Talk Radio 98.5 FM/1240 AM WRTA in Altoona. Pregame coverage begins 15 min. before all games. The Curve can also be heard on the following affiliate stations for selected games:
- WKMC 96.1 FM/1370 AM in Roaring Spring
- WPHB 1260 AM in Centre County
- Online streaming at AltoonaCurve.com provided by TuneIn Radio
- Via the TuneIn Radio App and the MiLB First Pitch App

TODAY'S STARTING PITCHER



RHP PEDRO VASQUEZ (@vasquezpedro14) #26

HEIGHT: 6-4 WEIGHT: 190 B/T: R/R EXP: 5 YR

**BORN: SEPTEMBER 23, 1995 (23) IN SANTO DOMINGO, D.R.
RESIDES: SANTO DOMINGO, D.R.
ACQUIRED: TRADE - SEA (9/1/2016)**

2019 HIGHS

IP: 7.0, 6/15 @ BNG
K: 8, 6/9 vs. AKR
BB: 3, 2x, last - 5/25 @ COL
Hits: 8, 4/27 vs. RIC
Runs: 8, 5/25 @ COL

CAREER HIGHS

IP: 9.0, 8/21/15 (DSL MAR @ MET)
K: 9, 7/3/17 (BRD vs. FLO)
BB: 4, 9/2/18 (BRD @ TAM)
Hits: 11, 2x, last - 5/23/18 (ALT @ BOW)
Runs: 9, 7/29/17 (BRD vs. PMG)

RUNS ALLOWED BY INNING (STARTS)

	1	2	3	4	5	6	7	8	9	10
1	6	6	8	4	9	--	--	--	--	--

VASQUEZ CAREER NOTES

Signed as an international free agent by the Seattle Mariners on April 8, 2015...Made 15 starts in the DSL that year and tied for the league lead with eight wins, led the league with 91.0 innings pitched and finished third in the circuit with a 0.88 WHIP...Began 2016 with rookie AZL Mariners and turned in quality starts in three of four games started before a promotion to Single-A Clinton on July 17, 2016...Threw an eight-inning complete game on July 30, 2016 but was charged with loss in 1-0 defeat...Revealed as player to be named later along with LHP Jake Brentz on September 1, 2016 in trade that sent RHP Arquimedes Caminero to the Mariners on August 6, 2016...Spent entire 2017 season with A-Adv. Bradenton...Went 6-3 with a 2.20 ERA over 11 starts and two relief outings in first half but post a 3-4 record with a 5.10 ERA after the All-Star Break and a 6.84 ERA in five August starts...Named as a 2017 Florida State League Mid-Season and Post-Season All-Star in 2017...Finished sixth in the FSL in ERA (3.73), tied for second in wins (9), second in WHIP (1.20) and second in opponents' batting average (.254)...Split 2018 with Double-A Altoona and A-Adv. Bradenton...2019 Eastern League All-Star

VASQUEZ VS. RICHMOND 1-0, 2.81 ERA

Date	H/R	Dec	IP	H	R/ER	K/BB
4/20	R	--	6.0	1	0/0	5/1
4/27	H	--	5.0	8	5/4	3/1
5/2	R	W	5.0	4	1/1	5/2
7/25	H					

SEASON SPLITS/MISC. STATS

	W-L	ERA	G/GS	IP	R/ER	K/BB
Home	2-0	3.31	7/7	35.1	18/13	29/5
Road	4-1	2.28	9/8	47.1	16/12	38/10
Day	1-0	3.00	4/4	21.0	11/7	14/3
Night	5-1	2.63	12/11	61.2	23/18	53/12
April	1-0	2.86	5/4	22.0	8/7	14/3
May	2-1	3.80	4/4	21.1	13/9	17/6
June	3-0	0.87	5/5	31.0	7/3	30/3
July	0-0	6.48	2/2	8.1	6/6	6/3
First Half	6-1	2.25	12/11	62.1	22/17	47/11
Sec. Half	0-0	3.54	4/4	20.1	12/8	20/4
Pre-ASG	6-1	2.58	15/14	80.1	32/23	65/13
Post-ASG	0-0	7.71	1/1	2.1	2/2	2/2
Starter	6-1	2.76	15/15	81.2	34/25	67/15
Reliever	0-0	0.00	1/0	1.0	0/0	0/0

GAME-BY-GAME

DATE	OPP	DEC	IP	H	R	ER	BB	SO	LEFT GM (STARTS W/ALT)	RESULT
<i>w/ Double-A Altoona</i>										
4/5	at Akron	--	1.0	1	0	0	0	0	--	W, 7-6
4/8	at Erie	W (1)	5.0	5	1	1	0	4	After 5th, Curve leading 4-1	W, 6-3
4/13 (2)	Akron	--	5.0	5	2	1	2	2	After 5th, Curve leading 6-2	L, 10-7
4/20 (2)	at Richmond	--	6.0	1	0	0	1	5	After 6th, tied 0-0	W, 1-0 (8)
4/27	Richmond	--	5.0	8	5	4	1	3	After 5th, Curve trailing 5-4	L, 8-5
5/2	at Richmond	W (2)	5.0	4	1	1	2	5	After 5th, Curve leading 4-1	W, 9-2
5/7	Bowie	W (3)	6.0	6	2	2	1	2	After 6th, Curve leading 3-2	W, 3-2
5/14 (1)	at Binghamton	L (1)	5.1	6	6	5	3	5	In 6th, Curve trailing 4-0	L, 7-0
5/19	Harrisburg	--	5.0	6	4	1	0	5	After 5th, Curve trailing 4-2	W, 6-4
<i>w/ Triple-A Indianapolis</i>										
5/25	at Columbus	L (1)	3.1	6	8	8	3	3	--	--
5/30	Charlotte	W (1)	6.0	1	0	0	1	7	--	--
<i>w/ Double-A Altoona</i>										
6/4	at Erie	W (4)	6.0	5	0	0	1	4	After 6th, Curve leading 2-0	W, 3-0
6/9	Akron	W (5)	6.0	1	0	0	0	8	After 6th, Curve leading 3-0	W, 4-2
6/15	at Binghamton	W (6)	7.0	4	1	1	1	4	After 7th, Curve leading 5-1	W, 5-1
6/22	at Hartford	--	6.0	4	3	0	1	7	After 6th, Curve trailing 3-1	L, 7-3
6/28	Binghamton	--	6.0	6	3	2	0	7	After 7th, Curve leading 4-3	L, 7-5
7/3	at Akron	--	6.0	7	4	4	1	4	After 6th, Curve trailing 4-2	W, 6-4
7/15	Trenton	--	2.1	5	2	2	2	2	In 3rd, Curve trailing 2-0	L, 4-3
7/25	Richmond									

Bold - Career High
Italics - Relief outing

VASQUEZ CAREER STATISTICS

YR	CLUB	W-L	ERA	G/GS	CG	SHO	SV	IP	H	R	ER	HR	BB	SO
15	DSL Mariners (F-Rk.)	8-2	2.08	15/15	1	0	0	91.0	70	30	21	5	10	71
16	AZL Mariners (Rk.)	2-2	2.22	5/4	0	0	0	28.1	24	7	7	1	5	22
	Clinton (A)	3-2	2.28	8/8	1	0	0	43.1	35	13	11	3	4	30
	<i>2016 Totals (Rk./A)</i>	<i>5-4</i>	<i>2.26</i>	<i>13/12</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>71.2</i>	<i>59</i>	<i>20</i>	<i>18</i>	<i>4</i>	<i>9</i>	<i>52</i>
17	Bradenton (A+)	9-7	3.73	26/24	0	0	0	137.2	135	57	57	13	30	107
18	Altoona (AA)	2-6	5.12	13/12	0	0	0	63.1	70	40	36	9	18	46
	Bradenton (A+)	0-3	4.21	6/6	0	0	0	25.2	26	14	12	2	12	19
	<i>2018 Totals (AA/A+)</i>	<i>2-9</i>	<i>4.85</i>	<i>19/18</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>89.0</i>	<i>96</i>	<i>54</i>	<i>48</i>	<i>11</i>	<i>30</i>	<i>65</i>
19	Altoona (AA)	6-1	2.72	16/15	0	0	0	82.2	74	34	25	6	16	67
	Indianapolis (AAA)	1-1	7.71	2/1	0	0	0	9.1	7	8	8	1	4	10
	<i>2019 Totals (AAA/AA)</i>	<i>7-2</i>	<i>3.23</i>	<i>18/16</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>92.0</i>	<i>81</i>	<i>42</i>	<i>33</i>	<i>7</i>	<i>19</i>	<i>77</i>
	MLB Totals (5 seasons)	31-24	3.31	91/85	2	0	0	481.1	441	203	177	40	98	372

CURRENT NOTES

Fourth career start versus Richmond...Ranked fourth in the E.L. with a 2.72 ERA and third with a 1.08 WHIP

2019 NOTES

2019 EASTERN LEAGUE ALL-STAR...Threw a scoreless seventh inning in season debut on 4/5 @ AKR... Earned first win on 4/8 @ ERI after holding SeaWolves to one run through five innings...Departed with a lead after five innings on 4/13 vs. AKR (2) before Curve bullpen allowed eight runs in the sixth inning... Retired the first 14 hitters before finishing six scoreless, one-hit innings in a no-decision on 4/20 @ RIC (2)...Allowed a season-high five runs on eight hits over five innings in a no-decision on 4/27 vs. RIC... Made fifth straight start of at least five innings on 5/2 @ RIC and earned second win of the season after holding Squirrels to one run...Picked up second straight win after holding Bowie to two runs, a Carlos Perez two-run homer, over six innings...Handed first loss of the year on 5/14 @ BNG (1) and left with one out in the sixth with two runners...Both runners scored on a three-run homer by Dario Pizzano off reliever Tate Scioneaux...Promoted to Triple-A Indianapolis on 5/25 and made Triple-A debut at Columbus in relief of Pirates reliever Keone Kela pitching on MLB rehab...After three scoreless innings, allowed eight runs in the fifth and handed the losing decision...In second Triple-A outing, retired his first eight batters in a starting role before he allowed his only hit of the game and faced the minimum through the remainder of his six scoreless innings for the win...Assigned back to Double-A Altoona on 5/31...Threw six scoreless innings in first start back on 6/4 @ ERI...Allowed his lone hit to the first hitter of the game, Ernie Clement, on 6/9 vs. AKR before he finished six scoreless innings by retiring his final 16 hitters with a Double-A best eight strikeouts...Logged a season-high seven innings on 6/15 @ BNG with one run allowed in the first inning on a lead-off triple by Andres Gimenez and an RBI ground out...Also singled in the seventh inning for second pro hit...No-hit Hartford through 4.2 innings on 6/22 @ HFD before a Tyler Nevin single and a two-out error by first baseman Jerrick Suiter extended the inning for Bret Boswell's three-run, go-ahead home run...Resulted in three unearned runs on Vasquez, who got through six and was taken off the hook for the loss after Chris Sharpe's game-tying, two run homer in the seventh...Spun fifth straight quality start on 6/28 vs. BNG and departed with a one-run lead but Binghamton charged back late against the bullpen to win, 7-5...Led the Eastern League with a 0.87 ERA and 0.74 WHIP while going 3-0, held hitters to a .180 opponent batting average and struck out 30 in 31 innings over five June starts...Allowed go-ahead, two-run homer to Nellie Rodriguez during sixth inning on 7/3 @ AKR before the Curve rallied for four runs in the eighth to win, 6-4...Pitched a 1-2-3 third inning for the Western Division in the 2019 Eastern League All-Star Game to help a 5-0 shutout win for the West at The Diamond in Richmond, Va...In first start after All-Star Break, removed due to elbow discomfort in the third inning on 7/15 vs. TRN after he allowed two runs in 2.1 innings and walked two hitters

STARTING PITCHER RUN SUPPORT

Pitcher	GS	Team Runs	R/Start	Quality Starts
Agrazal	4	9	2.3	2
Bolton	5	20	4.0	1
Brady	14	55	3.9	10
Cesar	1	1	1.0	0
Coley	4	18	4.5	0
Eckelman	1	3	3.0	0
Economos	1	1	1.0	0
Garcia	2	18	9.0	0
Hightower	9	31	3.4	2
Marvel	16	69	4.3	11
Robles	11	47	4.3	4
Sulser	1	6	6.0	0
Vasquez	15	66	4.4	7
Vieaux	9	34	3.8	5
Waddell	7	22	3.1	3

ALTOONA CURVE STARTER BREAKDOWN

PLAYER	LAST START	DEC	IP	H	R	ER	HR	BB	SO	RESULT	STARTS	TEAM RECORD		
Dario Agrazal (R)	4/22 @ HBG	--	7.0	3	0	0	0	0	8	L, 1-0	4	2-2		
Cody Bolton (R)	7/23 vs. ERI (1)	--	3.0	5	3	3	0	1	3	L, 4-3 (10)	5	2-3		
Sean Brady (L)	7/21 @ BOW	--	5.0	10	6	6	1	2	0	W, 8-6	14	7-7		
Joel Cesar (R)	5/14 @ BNG (2)	--	1.0	0	0	0	0	3	1	L, 5-1	1	0-1		
Austin Coley (R)	6/11 vs. POR	--	1.0	3	2	2	0	1	2	W, 5-4	4	2-2		
Nick Economos (R)	7/23 vs. ERI (2)	L (1)	5.2	4	3	3	1	3	7	L, 3-1	1	0-1		
Matt Eckelman (R)	5/25 @ POR	L (1)	1.0	6	5	5	0	0	2	L, 5-3	1	0-1		
Yeudy Garcia (R)	5/3 @ RIC	--	1.2	7	6	6	0	3	3	W, 10-7	2	2-0		
Scooter Hightower (R)	5/23 @ NHM	L (5)	5.0	7	5	5	1	2	3	L, 7-2	9	4-5		
James Marvel (R)	6/30 vs. BNG	W (9)	7.0	3	2	2	1	1	3	W, 8-5	16	10-6		
Domingo Robles (L)	7/24 vs. ERI	L (4)	7.0	5	3	3	2	3	4	L, 7-3	11	4-7		
Beau Sulser (R)	7/20 @ BOW	--	4.0	6	4	4	1	0	1	L, 7-6 (10)	1	0-1		
Pedro Vasquez (R)	7/15 vs. TRN	--	2.1	5	2	2	0	2	2	L, 4-3	15	9-6		
Cam Vieaux (L)	5/22 @ NHM	L (3)	6.0	8	2	2	1	0	10	L, 2-1	9	5-4		
Brandon Waddell (L)	7/22 vs. ERI	W (3)	6.0	4	0	0	0	0	6	W, 4-1	7	6-1		
SEASON TOTALS			W	L	G	CG	IP	H	R	ER	HR	BB	SO	ERA
			28	29	100	2	527.0	523	260	233	57	138	396	3.98

PITCHER NOTES

ALTOONA CURVE BULLPEN BREAKDOWN

PLAYER	LAST OUTING	DEC	IP	H	R	ER	HR	BB	SO	GMS	SV/SVO	INH/STR.	1ST BATTER RET.
Jake Brentz (L)	5/4 @ RIC	--	2.0	1	0	0	0	0	3	9	--	4/4	4/9 (44%)
Vicente Campos (R)	6/17 vs. HBG	--	2.0	2	0	0	0	2	1	20	1/2	4/1	12/20 (60%)
Blake Cederlind (R)	7/22 vs. ERI	--	1.0	1	1	1	0	1	1	22	0/1	11/8	17/22 (77%)
Joel Cesar (R)	7/22 vs. ERI	SV (1)	2.0	1	0	0	0	0	2	17	1/2	5/2	10/17 (59%)
Austin Coley (R)	7/24 vs. ERI	--	1.1	3	0	0	0	0	0	10	0/1	1/0	4/10 (40%)
Matt Eckelman (R)	7/23 vs. ERI (1)	L (4)	3.0	1	1	0	0	0	3	33	18/18	1/1	25/33 (76%)
Yeady Garcia (R)	7/23 vs. ERI (1)	--	1.0	0	0	0	0	0	1	23	1/3	8/2	13/23 (57%)
Angel German (R)	7/23 vs. ERI (1)	--	3.0	2	0	0	0	0	3	28	2/3	3/1	21/28 (75%)
Scooter Hightower (R)	4/4 @ AKR	--	1.0	0	0	0	0	0	1	1	--	--	1/1 (100%)
Sean Keselica (L)	4/29 vs. ERI	--	1.0	1	0	0	0	0	0	7	--	2/1	5/7 (71%)
Jesus Liranzo (R)	7/23 vs. ERI (2)	--	1.1	1	0	0	0	1	1	8	0/1	6/4	6/8 (75%)
Alfredo Reyes	7/19 @ BOW	--	1.0	0	0	0	0	1	0	1	--	--	1/1 (100%)
Tate Scioneaux (R)	5/14 @ BNG	--	0.2	1	1	1	1	0	1	13	1/2	2/0	7/13 (54%)
Beau Sulser (R)	7/24 vs. ERI	--	0.2	3	4	4	1	1	0	24	2/3	5/4	19/24 (79%)
Ryan Valdes (R)	5/27 @ POR	--	2.0	4	2	2	0	2	2	1	--	--	1/1 (100%)
Pedro Vasquez (R)	4/5 @ AKR	--	1.0	1	0	0	0	0	0	1	--	--	1/1 (100%)
Blake Weiman (L)	6/13 vs. POR	H (4)	1.0	0	0	0	0	0	0	16	2/2	6/5	13/16 (81%)
SEASON TOTALS	W	L	G	SV/SO	IP	H	R	ER	HR	BB	SO	ERA	
	24	19	98	28/39	338.1	287	145	124	32	145	300	3.30	

#35 Blake Cederlind

Bats: Right Throws: Right

Ht/Wt: 6-3/190

LAST OUTING:	7/22 vs. ERI	MOST K:	4, 6/5 @ ERI	SAVE OPPS:	0/1
LONG OUTING (PEN):	3.0, 6/5 @ ERI	MOST BB:	2, 2x, last - 5/25 @ POR	INHERITED/STRANDED:	11/8 (73%)
LAST WIN:	7/7/19 (ALT vs. ERI)	SCORELESS STREAK:	0.1, 7/22-pres.	FIRST BATTER RETIRED %:	17/22 (77%)
LAST SAVE:	4/27/19 (BRD @ DBT)	LONG SCORELESS STK:	15.0, 6/9-7/20	CURVE RECORD WHEN PITCHING:	15-7
LAST HR ALLOWED:	6/5/19 (ALT @ ERI) (J. Lester)			ACQUIRED:	5th Round (2016) - Merced College

- CURRENT NOTES: Has a 1.32 ERA with five hits allowed in his last 10 appearances (13.2 IP) since 6/19
- 2019 NOTES: Began the season with A-Adv. Bradenton...Pitched in seven games and turned in six scoreless efforts...Allowed one earned run over 7.2 innings (1.17 ERA) with no decisions and two saves...Assigned to Double-A Altoona on 5/4...Made Double-A debut on 5/4 @ RIC and fired two scoreless innings with two strikeouts...Did not allow a run over first seven Double-A appearances, spanning 12.1 innings, from 5/4-5/25...Pitched 16.1 innings without an earned run allowed until 6/5 @ ERI when Josh Lester hit a solo homer, but Cederlind earned his first Double-A win after a season-high four strikeouts and three innings of work...Went 2-0 with a 1.19 ERA in 28.0 IP in 19 games between A-Adv. Bradenton and Double-A Altoona in first half...Placed on Temporary Inactive List for bereavement on 6/26 and activated on 7/1...Earned third win after 1.1 scoreless innings with two strikeouts in 3-2 comeback win on 7/7 vs. ERI...Pitched 15 straight scoreless innings over 12 outings from 6/9-7/20

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/22 v. ERI	--	1.0	1	1/1	1/1
7/20 @ BOW	--	2.0	2	1/1	0/0
7/15 v. TRN	--	1.0	0	0/0	0/0

- CAREER NOTES: Selected in the fifth round by the Pirates in 2016 out of Merced (Calif.) College...Attended Turlock (Calif.) High School, the same high school that produced former Curve infielder Kevin Kramer...Pitched 21.2 innings at junior college level before getting drafted...Made professional debut with Rookie-level Bristol in 2016 and tossed 17.1 innings over six starts before landing on the injured list for remainder of the season in August...Spent first full season as a pro with Single-A West Virginia Power in 2017, going 2-3 with a 7.76 ERA in 25 outings (seven starts)...Split 2018 between Single-A West Virginia and A-Adv. Bradenton, going a combined 4-4 with a 4.89 ERA in 49.2 innings over a career-best 36 appearances...*For more on Cederlind, see Page 29 of the Curve Media Guide*

#38 Joel Cesar

Bats: Right Throws: Right

Ht/Wt: 5-11/191

LAST OUTING:	7/22 vs. ERI	MOST K:	4, 5/18 vs. HBG	SAVE OPPS:	1/2
LONG OUTING (PEN):	2.0, 9x, last -- 7/22 vs. ERI	MOST BB:	1, 4x, last - 6/29 vs. BNG (1)	INHERITED/STRANDED:	5/2 (40%)
LAST WIN:	7/3/19 (ALT @ AKR)	SCORELESS STREAK:	4.0, 7/18-pres.	FIRST BATTER RETIRED %:	10/17 (59%)
LAST SAVE:	7/22/19 (ALT vs. ERI)	LONG SCORELESS STK:	9.1, 5/11-5/31	CURVE RECORD WHEN PITCHING:	7-10
LAST HR ALLOWED:	6/11/19 (ALT vs. POR) (B. Dalbec)			ACQUIRED:	International FA (2015)

- CURRENT NOTES: Five of last seven outings have been scoreless (2 ER/10.2 IP) since 6/27
- 2019 NOTES: Began the season with A-Adv. Bradenton...Ranked tied for third with five saves at the time of promotion to Double-A Altoona on 5/9...Combined on four hitless innings over three outings with two saves to start the season...Allowed one run over 12.1 innings with the Marauders...Gave up one run during three-inning appearances on 4/18 vs. JUP and earned the win...Allowed one hit over 4.1 scoreless innings before promotion...Made Double-A debut and earned hold in two innings of work on 5/11 vs. ERI and allowed one run, a solo homer on his second batter faced...Made spot-start on 5/14 @ BIN (2) and pitched a scoreless first inning with three walks and one strikeout...Pitched 9.1 straight scoreless innings from 5/11-5/31 between solo homers...Earned first Double-A win on 6/11 vs. POR, giving up one run in two innings...Went 3-1 with a 2.63 ERA in 27.1 IP in 19 games between A-Adv. Bradenton and Double-A Altoona in first half...Hit with second loss and first blown save on 6/21 @ HFD on a two-out, two-run double by Vance Vizcaino...Earned second Double-A win after two scoreless innings in 6-4 comeback win on 7/3 @ AKR...Recorded first Double-A save with two scoreless innings and two strikeouts on 7/22 vs. ERI

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/22 v. ERI	S(1)	2.0	1	0/0	2/0
7/18 @ BOW	L(3)	2.0	2	1/1	2/1
7/15 v. TRN	--	1.0	0	0/0	1/0

- CAREER NOTES: Signed by the Pirates as an international free agent on 10/30/15...Made professional debut with DSL Pirates during 2016 season...Made stateside debut in 2017 with short-season West Virginia Black Bears and went 1-1 with a 3.67 ERA in 22 appearances while holding New York-Penn League hitters to a .165 average...Pitched first full season with Single-A West Virginia Power in 2018 and went 2-1 with a 3.15 ERA in 29 games out of the bullpen

#2 Austin Coley (@AustinColey)

Bats: Right Throws: Right

Ht/Wt: 6-2/203

LAST OUTING:	7/24 vs. ERI	MOST K:	3, 7/11 @ ERI	SAVE OPPS:	0/1
LONG OUTING (PEN):	2.0, 3x, last -- 7/21 @ BOW	MOST BB:	2, 2x, last -- 7/15 vs. TRN	INHERITED/STRANDED:	1/0 (0%)
LAST WIN:	7/21/19 (ALT @ BOW)	SCORELESS STREAK:	5.0, 7/15-pres.	FIRST BATTER RETIRED %:	4/10 (40%)
LAST SAVE:	--	LONG SCORELESS STK:	5.0, 7/15-pres.	CURVE RECORD WHEN PITCHING:	4-6
LAST HR ALLOWED:	6/22/19 (ALT @ HFD) (B. Serven)			ACQUIRED:	8th Round (2014) - Belmont

- CURRENT NOTES: Has not allowed an earned run in 6 of last 7 outings since 6/30 and has posted a 1.92 ERA in that span (2 ER/9.1 IP)
- 2019 NOTES: Began the season in extended spring training...Added to A-Adv. Bradenton roster on 5/21 and pitched a scoreless sixth inning @ FTM...Closed out the final two innings on 5/24 vs. TAM without a run allowed...Returned to the Curve roster on 5/27 and started at Portland, pitching two innings with one run allowed in first starting role of the year...Compiled first scoreless outing with Altoona on 6/5 @ ERI, lasting two frames and picked up a pair of strikeouts...Tagged for first loss during three-run seventh on 6/22 @ HFD that included a solo homer to Brian Serven on his first pitch...Earned first win of season in 6-5 comeback win in 10 innings on 7/4 vs. ERI...Earned second win of season with two scoreless innings in 8-6 comeback win on 7/21 @ BOW

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/24 v. ERI	--	1.1	3	0/0	0/0
7/21 @ BOW	W(2)	2.0	4	0/0	0/0
7/19 @ BOW	--	1.0	0	0/0	0/0

- CAREER NOTES: Attended Belmont University in Nashville...Made 26 appearances as a freshman, going 2-0 with a 2.40 ERA and named to All-Atlantic Sun Freshman Team...Made ten starts as a sophomore in 2013 and went 6-0 with a 3.32 ERA...Drafted by the New York Mets in the 27th round in 2013 but did not sign...Went 5-1 with a 2.72 ERA in 15 starts during junior season and named Second-Team All-OVC...Selected by the Pirates in the eighth round of the 2014 draft...Second-highest draft selection in Belmont history...Made eight starts in first professional season with Jamestown in 2014...Posted a 3.21 ERA over five August starts to finish season...Spent 2015 with Single-A West Virginia and led South Atlantic League and the Pirates organization with 16 wins...Spent 2016 with FSL champs Bradenton...Spent 2017 with Altoona and was named as Curve's Co-Pitcher of the Year...Split the 2018 season with Triple-A Indianapolis and Double-A Altoona...Spent time on the injured list in Altoona twice and was shut down for the season on August 4...*For more on Coley, see page 30 of the Curve Media Guide*

#30 Matt Eckelman

Bats: Right Throws: Right

Ht/Wt: 6-3/281

LAST OUTING:	7/23 vs. ERI (1)	MOST K:	3, 7/23 vs. ERI (1)	SAVE OPPS:	18/18
LONG OUTING (PEN):	7/23 vs. ERI (1)	MOST BB:	3, 2x, last -- 6/5 @ ERI	INHERITED/STRANDED:	1/1 (100%)
LAST WIN:	4/28/19 (ALT vs. RIC)	SCORELESS STREAK:	0.2, 7/23-pres.	FIRST BATTER RETIRED %:	25/33 (76%)
LAST SAVE:	7/17/19 (ALT vs. TRN)	LONG SCORELESS STK:	18.2, 6/2-7/20	CURVE RECORD WHEN PITCHING:	27-5
LAST HR ALLOWED:	5/27/19 (ALT @ POR) (T. Matheny)			ACQUIRED:	21st Round (2016) - Saint Louis Univ.

- CURRENT NOTES: Converted 26 consecutive regular-season save opportunities dating back to 8/3/18, the longest stretch in team history...29 career saves with the Curve are tied for second in club history...Ranks third in the E.L. with 18 saves...Has not allowed a run in 29 of his 34 Double-A outings this season...Lost last two outings with unearned runs allowed in extra innings

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/23 v. ERI(1)	L(4)	3.0	1	1/0	3/0
7/20 @ BOW	--	1.2	1	1/0	1/1
7/17 v. TRN	S(18)	1.0	0	0/0	0/1

- 2019 NOTES: Tossed a scoreless ninth inning with two strikeouts on Opening Day on 4/4 @ AKR...Earned first save of the season on 4/6 @ AKR to complete a 2-0 shutout victory...Earned second save a day later with scoreless inning on 4/7 @ AKR, working back-to-back days for the second time in his pro career...Notched third save with 1-2-3 eighth on 4/20 @ RIC (2)...Gave up four runs on three hits and two walks in eighth inning but earned a win on 4/28 vs. RIC...Tossed a season-high two scoreless innings on 5/3 @ RIC...Assigned to Triple-A Indianapolis on 5/9 and made Triple-A debut on 5/10 @ LHV, allowing four runs without recording an out...Rejoined the Curve roster on 5/16...Used as an opener on 5/25 @ POR and allowed five runs in the first inning and shouldered the losing decision in a 5-3 defeat...Gave up walk-off grand slam to Tate Matheny with two outs in ninth in 7-3 loss on 5/27 @ POR...Allowed nine earned runs over back-to-back outings on 5/25 (opener) and 5/27 @ POR (relief) to raise ERA from 2.40 to 7.02...Went 1-2 with a 5.16 ERA and went 9/9 in save opp. in 22.2 IP in 21 games in first half...Worked consecutive days for third time in pro career on 6/18 and 6/19 vs. HBG, earning saves after scoreless ninth innings of each outing...Picked up 22nd Double-A save on 6/24 @ RIC, moving into a tie for fifth-most in Curve history with Tate Scioneaux (2017-19) and Justin Kaye (2005)...Threw a six-pitch ninth inning on 6/27 vs. BNG for his 23rd career save for the Curve to take sole possession of fifth-place all time...Tied Noah Krol (2011) for fourth on the Curve's all-time saves list with his 24th Double-A save on 6/30 vs. BNG...Picked up 14th save and 25th of Double-A career to take sole possession of fourth place in club history by working out of a bases-loaded, one-out jam with a one-run lead on 7/1 @ AKR...Moved into third place in club history on 7/12 @ ERI with a 1-2-3 ninth inning to record 28th save in Double-A career, all with the Curve...Tied Matt Peterson for second in club history with his 29th save on 7/17 vs. TRN...Season-long 18.2-inning scoreless streak was snapped in the 10th inning on 7/20 @ BOW on a walk-off single by Ryan McKenna...worked a season-high three innings with season-high three strikeouts on 7/23 vs. ERI (1)

- CAREER NOTES: Selected in the 21st round of the 2016 draft out of Saint Louis University...Two-time All-State as a high school athlete at St. James Academy in Lenexa, Kan...Finished college career with 24 wins and a 2.56 ERA, each second-best in Billikens baseball history, in addition to 13 career saves, third-most in program history...Went 9-4, matching the school's single-season record for wins, with a 3.12 ERA over 15 starts as a senior in 2016...Spent first professional season as a starter with Appalachian League-affiliated Bristol and went 5-3 with a 2.76 ERA, second-best ERA in the league, and a league-leading 0.97 WHIP over 13 outings and 11 starts...Served as a reliever for most of 2017 season while spending the entire season with the Single-A West Virginia Power, going 5-6 with a 4.63 ERA...Started 2018 with A-Adv. Bradenton and appeared in 17 games with the Marauders and carried a 4-0 record, 2.28 ERA and six saves as a Florida State League All-Star...Elevated to Double-A Altoona on 6/29...Went 1-1 with a 1.82 ERA and 11 saves, fifth-most in the Eastern League...Led the Pirates organization with 17 total saves in 2018...Pitched in the Arizona Fall League for the Surprise Saguaros after 2018 season...*For more on Eckelman, see Page 33 of the Curve Media Guide*

PITCHER NOTES

#17 Yeudy Garcia (@garciayeudy781)

Bats: Right Throws: Right

Ht/Wt: 6-2/220

LAST OUTING: 7/23 vs. ERI (1)
LONG OUTING (PEN): 3.0, 3x, last -- 6/21 @ HFD
LAST WIN: 7/26/18 (ALT vs. BIN)
LAST SAVE: 4/5/19 (ALT @ AKR)
LAST HR ALLOWED: 7/13/19 (ALT @ ERI) (K. Eaves)

MOST K: 4, 2x, last - 6/21 @ HFD
MOST BB: 5, 5/12 vs. ERI
SCORELESS STREAK: 1.2, 7/19-pres.
LONG SCORELESS STK: 12.0, 6/5-7/2

SAVE OPPS: 1/3
INHERITED/STRANDED: 8/2 (25%)
FIRST BATTER RETIRED %: 13/23 (57%)
CURVE RECORD WHEN PITCHING: 11-12
ACQUIRED: International FA (2013)

- CURRENT NOTES: In 22 relief appearances, holds 4.38 ERA (19 ER/39.0 IP)...In his last 13 outings since 6/2, Garcia has a 3.57 ERA (9 ER/22.2 IP) with 19 strikeouts

- 2019 NOTES: Locked down final three outs of the ninth on 4/5 @ AKR for the save in season debut...Tossed three hitless, scoreless innings with three strikeouts and earned a hold on 4/8 @ ERI...Allowed an unearned run in the 11th inning on 4/11 vs. AKR before the Curve rallied to tie the game in the bottom of the frame and won in the 12th...Pitched two perfect innings of relief and fanned a season-high four batters on 4/23 @ HBG...After 61 straight relief appearances from 2017-2019, made two starts, totaling 5.1 innings and allowed eight runs...Went 0-1 with a 6.46 ERA in 30.2 IP in 16 games in first half...Matched a season-best three innings of work out of the bullpen on 6/21 @ HFD that included three of four strikeouts to escape a bases-loaded jam during the sixth inning

- CAREER NOTES: Signed by the Pirates as an international free agent on 10/12/13...Spent professional debut season with the DSL Pirates in 2014...Had a breakout season with the Single-A West Virginia Power in 2015, leading the South Atlantic League with a 2.10 ERA while going 12-5...Named as the Pirates' Minor League Pitcher of the Year in 2015 and the ninth-best prospect in the South Atlantic League by Baseball America...Spent all of 2016 with A-Adv. Bradenton Marauders, working as a starter for 25 of his 26 outings...Ranked second in the Florida State League in 2016 with 127 strikeouts and fifth with a 2.76 ERA...Began 2017 in the starting rotation for Double-A Altoona...Went 2-5 with a 6.50 ERA in 11 starts in 2017...Moved to the bullpen full-time in early-July and posted a 2.96 ERA (8 ER/24.1 IP) and added three saves over final 15 relief outings...Ranked as the Pirates No. 26 prospect by Baseball America entering the 2018 season...Played entire 2018 season with Altoona, going 2-5 with a 5.23 ERA and 68 strikeouts, second-most among relievers, in 53.1 innings...*For more on Garcia, see Page 36 of the Curve Media Guide*

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/23 v. ERI(1)	--	3.0	2	0/0	1/0
7/15 v. TRN	--	2.2	0	0/0	3/2
7/13 @ ERI	BS(2)	1.0	3	3/3	1/0

#32 Angel German

Bats: Right Throws: Right

Ht/Wt: 6-4/241

LAST OUTING: 7/23 vs. ERI (1)
LONG OUTING (PEN): 3.0, 7/23 vs. ERI (1)
LAST WIN: 7/17/19 (ALT vs. TRN)
LAST SAVE: 6/3/19 (ALT @ ERI)
LAST HR ALLOWED: 7/20/19 (ALT @ BOW) (Y. Diaz)

MOST K: 3, 4x, last - 7/23 vs. ERI (1)
MOST BB: 4, 5/15 @ BNG
SCORELESS STREAK: 3.0, 7/23-pres.
LONG SCORELESS STK: 10.1, 5/15-6/22

SAVE OPPS: 2/3
INHERITED/STRANDED: 3/1 (33%)
FIRST BATTER RETIRED %: 21/28 (75%)
CURVE RECORD WHEN PITCHING: 13-15
ACQUIRED: Trade (2017) - LAD

- CURRENT NOTES: Has logged 13 scoreless outings over last 17 games (18.2 IP) since 5/19 with a 2.86 ERA (7 ER/22 IP)

- 2019 NOTES: Made Double-A debut and threw scoreless eighth inning during a 2-0 shutout win on 4/6 @ AKR... Allowed game-winning run on sac fly in eighth inning of 2-1 loss on 4/16 vs. HBG...Allowed three runs, including two home runs, in two innings on 4/18 @ RIC... Worked three straight scoreless outings from 4/29-5/6, totaling four innings...Earned first Double-A win after scoreless eighth inning on 5/19 vs. HBG...Struck out the side in order in the ninth and earned his second win on 6/1 vs. NH...Earned second save with scoreless ninth inning in 9-8 comeback win on 6/3 @ ERI...Worked five consecutive hitless, scoreless outings from 5/19-6/3...Went 2-1 with a 4.50 ERA in 22.0 IP in 19 games in first half...Drove ERA down from 7.62 to 4.50 with nine straight scoreless appearances from 5/19-6/17... Ejected on 7/20 @ BOW after he allowed a game-tying home run to Yusniel Diaz and hit the next batter...Pitched a season-high three scoreless innings on 7/23 vs. ERI (1)...Suspended for three games from 7/24-26 due to ejection on 7/20 @ BOW

- CAREER NOTES: Originally signed by the Dodgers as an international free agent on 4/18/13...Spent professional debut season with the DSL Dodgers in 2013 and returned in 2014...Made stateside debut in 2015 with the AZL Dodgers...Transitioned to the bullpen on a full-time bases for the 2016 season...Assigned to the Single-A Great Lakes Loons on 6/4/16 and made 20 outings before being sent back to the AZL...Broke camp with Great Lakes to start the 2017 season and dominated over 21 games, holding a 1.91 ERA in 21 outings...Did not allow a run over his first 11 relief outings in 2017...Traded along with SS Oneil Cruz to the Pirates on 7/31/17 in exchange for LHP Tony Watson...Reported to Single-A West Virginia Power for the remainder of the season and made nine more appearances out of the bullpen, allowing just two runs over 10 innings...Spent all of 2018 with the A-Adv. Bradenton and led the staff with 35 relief appearances...Allowed 29 of 34 runs on the season in a span of 6.1 frames to balloon ERA to 6.92 for the season and outweighed 23 scoreless outings...*For more on German, see Page 38 of the Curve Media Guide*

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/23 v. ERI(1)	--	3.0	2	0/0	3/0
7/20 @ BOW	--	1.1	1	1/1	0/1
7/17 v. TRN	W(3)	1.0	0	0/0	1/0

#49 Jesus Liranzo (@TheSushi07)

Bats: Right Throws: Right

Ht/Wt: 6-2/225

LAST OUTING: 7/23 vs. ERI (2)
LONG OUTING (PEN): 2.0, 2x, last -- 7/21 @ BOW
LAST WIN: 7/13/19 (ALT @ ERI)
LAST SAVE: 4/10/19 (IND @ TOL)
LAST HR ALLOWED: 6/12/19 (IND @ BUF) (S. Brito)

MOST K: 2, 7/4 vs. ERI
MOST BB: 3, 2x, last -- 7/17 vs. TRN
SCORELESS STREAK: 7.1, 7/4-pres.
LONG SCORELESS STK: 7.1, 7/4-pres.

SAVE OPPS: 0/2
INHERITED/STRANDED: 6/4 (67%)
FIRST BATTER RETIRED %: 6/8 (75%)
CURVE RECORD WHEN PITCHING: 4-4
ACQUIRED: Waivers - LAD (2018)

- CURRENT NOTES: In 17 games with Altoona in 2018-19, he is 2-0 with a 0.42 ERA (1 ER/22.1 IP), 25 strikeouts and 11 hits allowed

- 2019 NOTES: A member of the Pirates' 40-man roster, made four MLB Spring Training outings and pitched four scoreless outings... Optioned on 3/12 to Triple-A Indianapolis...Began the season with the Tribe went 0-3 with a 8.36 ERA in 21 games...Designated for assignment on 5/27 to make room for former Orioles organization teammate Yefry Ramirez, who was acquired in a trade for cash from Baltimore...Outrighted to Triple-A Indianapolis on 6/5...Went 0-3 with a 8.36 ERA in 21 games for Indianapolis...Assigned to Double-A Altoona on 6/22...Made season debut with Curve and three scoreless inning on 6/26 @ RIC...Earned win after throwing scoreless ninth inning in 4-3 walkoff win on 6/29 vs. BNG (2)...Picked up second win on 7/13 @ ERI with two scoreless innings and a 10-7 win in extras

- CAREER NOTES: Claimed off waivers by the Pirates on 4/5/2018 from the Los Angeles Dodgers...Traded to the Dodgers from the Baltimore Orioles on 4/2/2018 in exchange for LHP Luis Ysla...Originally signed as an international free agent by the Atlanta Braves in on 5/4/2012...Signed by Baltimore on 7/6/2013...Released by the Braves in June 2013 and made Orioles organization debut on 7/13 vs. DSL Braves...Missed 2014 season due to elbow surgery...Rehabbed with DSL Orioles in 2015...Made U.S. debut in 2016 with Single-A Delmarva on 5/22 @ LWD...Held South Atlantic League hitters to a .109 batting average and a 1.05 ERA over 16 outings and fanned 46 in 32.1 innings...Promoted to Double-A Bowie on 7/29/16 and made Double-A debut on 7/29 @ AKR...Made 27 total appearances in 2016, all in relief, with a 1-1 record and 1.87 ERA...Added to the Orioles 40-man roster after the 2016 season to protect him from Rule 5 draft...Spent all of 2017 with the Bowie and set career-best numbers with 31 appearances, including 12 games as an opener, 65 innings pitched and 75 strikeouts...Participated in the Arizona Fall League after the 2016 and 2017 seasons...Rated as the Orioles No. 19 prospect according to Baseball America entering the 2018 season...Split first season in the Pirates organization between Double-A Altoona and Triple-A Indianapolis...Only pitcher in the Eastern League that worked at least ten innings and did not allow a run (0 R/12 IP)...Made 32 appearances for Indianapolis and went 3-2 with a 5.00 ERA, striking out 47 hitters in 45 innings...Held a 3.32 ERA in late August before he allowed 10 earned runs in his last three games to balloon the ERA to 5.00

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/23 v. ERI(2)	--	1.1	1	0/0	1/1
7/21 @ BOW	--	2.0	0	0/0	1/0
7/17 v. TRN	--	1.2	1	0/0	1/3

#27 Beau Sulser

Bats: Right Throws: Right

Ht/Wt: 6-2/195

LAST OUTING: 7/24 vs. ERI
LONG OUTING (PEN): 5.0, 6/11 vs. POR
LAST WIN: 7/1/19 (ALT @ AKR)
LAST SAVE: 7/5/19 (ALT vs. ERI)
LAST HR ALLOWED: 7/24/19 (ALT vs. ERI) (D. Pinero)

MOST K: 4, 3x, last -- 6/24 @ RIC
MOST BB: 2, 2x, last -- 6/24 @ RIC
SCORELESS STREAK: 0.1, 7/24-pres.
LONG SCORELESS STK: 16.0, 4/6-5/6

SAVE OPPS: 2/3
INHERITED/STRANDED: 5/4 (80%)
FIRST BATTER RETIRED %: 19/24 (79%)
CURVE RECORD WHEN PITCHING: 14-10
ACQUIRED: 10th Round (2017) - Dartmouth

- CURRENT NOTES: Tied for eighth in E.L. and tied for sixth in Pirates organization with seven wins...Worked multiple innings in 21 of 24 total appearances...Pitched 17 scoreless outings...In last three outings, one spot-start and two games in relief, has allowed 10 earned runs after letting up eight runs in 22 appearances through 7/13

- 2019 NOTES: 2019 EASTERN LEAGUE ALL-STAR...Began the season on A-Adv. Bradenton roster but did not pitch...Assigned to Double-A Altoona on 4/6 and earned the win in Double-A debut after 2.1 hitless innings of a 2-0 Curve victory...Fired a scoreless seventh and picked up second win on 4/20 @ RIC (2) as the Curve won, 1-0, in extra innings...Did not allow a hit until sixth appearance on 4/24 @ HBG but picked up third win and struck out four in two scoreless frames...After 16 scoreless outings to start the season, allowed a solo homer to Ademar Rifaela on 5/6 vs. BOW...Logged 3.1 scoreless frames and picked up fourth win on 5/10 vs. ERI...After working a 1-2-3 second inning of relief on 5/14 @ BIN (2), he belted a solo home run to lead off the third...His homer was the first by a Curve pitcher since Alex McRae on 4/30/17 vs. HBG and the seventh all time...Pitched a season-high four scoreless innings on 5/25 @ POR and retired his final eight batters...Allowed just two runs on 13 hits over first 13 games (29.1 innings) of Double-A career from 4/6-5/25...ERA went above 1.00 (1.61) for first time this season on 5/31...Earned first Double-A save with three scoreless innings to combine with Pedro Vasquez for shutout in 3-0 win on 6/4 @ ERI...Pitched a Double-A-high and career-high-tying 5.0 innings, allowing one run, after entering in the second inning in 5-4 win on 6/11 vs. POR...Went 5-0 with a 1.25 ERA and 13 scoreless outings in 43.1 IP in 17 games in first half...Knocked in the go-ahead RBI and reached on a fielder's choice to break a 2-2 tie on 6/24 @ RIC to help earn his sixth winning decision...Worked three scoreless innings, earned second save and combined with Brandon Waddell on 3-0 shutout win on 7/5 vs. ERI...Entered in the seventh inning and retired the only two batters he faced in the Western division's 5-0 win in the EL All-Star Game on 7/10...Handed first loss of season after giving up two runs in two innings on 7/16 vs. TRN

- CAREER NOTES: Drafted by the Pirates in the 10th round (298th overall) in 2017 out of Dartmouth College...Attended Ramona (Calif.) High School and was a three-time letterman...Over four years at Dartmouth, compiled a 13-7 record and 3.48 ERA over four-year career including a 6-1 record and 1.40 ERA over seven starts as a senior...2017 Ivy League Pitcher of the Year...Brother, Cole, is a pitcher in the Rays organization and was drafted by the Indians in the 25th round out of Dartmouth in 2015...Started pro career with short-season West Virginia Black Bears in 2017 and went 2-4 with a 5.31 ERA in 18 appearances with six starts...Spent all of 2018 in the Single-A West Virginia Power bullpen and compiled a 2.35 ERA and 5-8 record...Led all SAL relievers with the lowest walk rate (0.47) and fewest baserunners (7.85) per nine innings...Ranked fourth among Pirates minor leaguers with eight saves in 2018

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/24 v. ERI	--	0.2	3	4/4	0/1
7/16 v. TRN	L(1)	2.0	3	2/2	1/0
7/13 @ ERI	--	2.0	3	0/0	3/1

2019 STREAKS/PITCHING SUPERLATIVES

7+ STRIKEOUTS GAMES

James Marvel (9), 4/4 @ AKR
 Cam Vieaux (7), 4/17 vs. HBG
 Dario Agrazal (8), 4/22 @ HBG
 Cam Vieaux (10), 5/22 @ NH
 James Marvel (8), 5/24 @ POR
 James Marvel (7), 6/3 @ ERI
 Pedro Vasquez (8), 6/9 vs. AKR

James Marvel (9), 6/19 vs. HBG
 Pedro Vasquez (7), 6/22 @ HFD
 James Marvel (8), 6/25 @ RIC
 Pedro Vasquez (7), 6/28 vs. BNG
 Brandon Waddell (7), 7/5 vs. ERI
 Brandon Waddell (7), 7/12 @ ERI

15+ INNING SCORELESS STREAKS

James Marvel, 20.2, 4/15-5/1
 Beau Sulser, 16.0, 4/6-5/6
 Matt Eckelman, 18.2, 6/2-7/20
 Brandon Waddell, 17.0, 6/29-7/17
 Blake Cederlind, 15.0, 6/9-7/20
E.L. PITCHER OF THE WEEK
 James Marvel, 4/15-21

SHUTOUTS BY CURVE

9

Date	Score	Hits	Pitcher(s)
4/4 @ AKR	5-0	2	Marvel, Campos, Hightower, Eckelman
4/6 @ AKR	2-0	4	Vieaux, Sulser, German, Eckelman
4/20 @ RIC (1)	2-0	1	Marvel
4/20 @ RIC (2)	1-0	1	Vasquez, Sulser, Eckelman
4/26 vs. RIC	7-0	4	Marvel, Brentz, Campos
6/4 @ ERI	3-0	8	Vasquez, Sulser
6/8 vs. AKR(1)	6-0	4	Robles
7/5 vs. ERI	3-0	5	Waddell, Sulser
7/12 @ ERI	1-0	5	Waddell, Cederlind, Eckelman

SHUTOUTS BY OPPONENTS

9

Date	Score	Hits	Pitcher(s)
4/13 vs. AKR (1)	7-0	4	Plesac, Angulo
4/17 vs. HBG	2-0	4	Sharp, Condra-Bogan, Baez
4/22 @ HBG	1-0	6	Crowe, Baez, Barrett
4/29 vs. ERI	1-0	0	Mize
5/5 @ RIC	6-0	3	Menez, Martinez, Halstead
5/14 @ BNG (1)	7-0	3	Kay
5/21 @ NH	5-0	3	Diaz, Nittoli, McClelland
5/24 @ POR	1-0	3	Reyes, Cosart, Weems
7/18 @ BOW	1-0	7	Kremer, Flaa

POSITION PLAYER NOTES

#14 Jason Delay (@jdelay5)

Bats: Right Throws: Right

Ht/Wt: 5-11/200

CURRENT HIT STREAK: 3 games, 7/20-pres.

CURRENT ON-BASE STREAK: 2 games, 7/20-pres.

LAST HR: 6/4/19 (ALT @ ERI) (J. Navilhon)

LONGEST HIT STREAK: 6 games, 5/3-5/12

LONG ON-BASE STREAK: 11 games, 4/17-5/12

PINCH-HITTING: --

STARTS (POSITION): C (46)

MULTI-HIT GAMES: 10

STARTS (ORDER): 5th (2), 6th (2), 7th (26), 8th (16)

ACQ: 4th Round (2017) - Vanderbilt

- **CURRENT NOTES:** In last five games, Delay is 7-for-19 (.368) since 7/16...Hitting .160 (16/98) with one home run and nine RBIs in last 28 games since 5/21 after hitting .489 (23/47) with 16 RBIs previous 13 games from 4/23-5/19

- **2019 NOTES:** 2019 EASTERN LEAGUE ALL-STAR...Made Double-A debut on 4/6 @ AKR and went 0-for-3 with a strikeout...Recorded first Double-A hit with RBI, infield single on 4/8 @ ERI...Led a 10-7 comeback on 5/3 @ RIC with first career three-RBI game that included his first Double-A homer, a solo shot...Reached base in all five plate appearances on 5/4 @ RIC by going 4-for-4 with a walk...Drove in a career-high four RBIs that included a go-ahead, three-run homer during an 8-4, comeback win on 5/10 vs. ERI...Hit .444 (16/36) with two homers, four doubles, one triple, 12 RBIs and five walks during 11-game on-base streak from 4/17-5/12 and hit .523 (12/23) with seven extra-base hits and nine RBIs on six-game hitting streak from 5/3-5/12...Recorded second four-hit game of the season on 5/19 vs. HBG by going 4-for-4 with two doubles, two RBIs and knocked in the eventual game-winning run during eighth inning...Hit .489 (23/47) with four homers, six doubles, 16 RBIs, seven multi-hit games including two four-hit games and five multi-RBI games in 13-game span from 4/23-5/19...Hit .270 with 13 extra-base hits and 24 RBIs in 31 games in first half...Went 1-for-2 with a single off the bench in the Western division's 5-0 win in the EL All-Star Game on 7/10...went 3-for-4 with two RBIs on 7/23 vs. ERI (1)

- **CAREER NOTES:** Drafted by the Pirates in the fourth round (335th overall) in 2016 out of Vanderbilt...Attended Northview High School in Duluth, Ga. and was a four-year letterman...Teammates at Vanderbilt with Pirates outfielder Bryan Reynolds and won the 2014 College World Series...Hit .276 with 45 doubles and 108 RBIs over four years at Vanderbilt from 2014-17...Highest drafted Commodores catcher since Scotti Madison (third round) in 1980...Started professional debut season with the Bristol Pirates and hit .252 over 29 games...Played final five games of the season with the short-season West Virginia Black Bears...Played all of 2018 with the A-Adv. Bradenton Marauders and hit .247 with seven extra-base hits in 67 games...*For more on Delay, see Page 32 of the Curve Media Guide*

#6 Robbie Glendinning

Bats: Right Throws: Right

Ht/Wt: 6-1/201

CURRENT HIT STREAK: 2 games, 7/23(2)-pres.

CURRENT ON-BASE STREAK: 3 games, 7/23(1)-pres.

LAST HR: 6/27/19 (ALT vs. BNG) (A. Church)

LONGEST HIT STREAK: 7 games, 6/23-6/29 (1)

LONG ON-BASE STREAK: 7 games, 6/23-6/29 (2)

PINCH-HITTING: .000, (0/4)

STARTS (POSITION): 2B (1), SS (18), 3B (17), DH (3)

MULTI-HIT GAMES: 10

STARTS (ORDER): 1st (2), 3rd, (3), 4th (18), 6th (14), 8th (2)

ACQ: 21st Round (2017) - University of Missouri

- **CURRENT NOTES:** Leads Pirates organization with .304 average (min. 300 plate appearances) between A-Adv. Bradenton and Double-A Altoona...Hitting .180 (11/61) with 25 strikeouts in last 17 games since 7/5

- **2019 NOTES:** 2019 FLORIDA STATE LEAGUE ALL-STAR...Made Double-A debut on 4/4 @ AKR and went 2-for-3 with two singles and a stolen base off the bench on Opening Night...Made first Double-A start on 4/6 @ AKR and delivered a two-out, RBI single in the fifth inning during a 2-0 Curve win...Hit first Double-A homer, a solo shot to right, on 4/9 @ ERI...Hit .300 over first 10 games...Assigned to A-Adv. Bradenton on 4/18 and played 43 games with the Marauders...Set a career best with four RBIs on 4/19 vs. JUP with a solo homer during the sixth inning and a three-run triple in the seventh...Hit first career grand slam to tie the game at 7-7 in the fifth inning on 5/16 vs. FTM and matched a career-high with four RBIs...Hit safely in 10 straight games from 5/25-6/4 and batted .488 (14/36) with a pair of homers, five RBIs and three doubles...10-game hitting streak was the longest of his pro career...Promoted to Double-A Altoona on 6/13...At time of promotion, he led the Florida State League in batting average (.340), slugging percentage (.599) and OPS (.992) while ranked second in on-base percentage (.393), third in extra-base hits (25) and fourth in homers (8) and doubles (16)...Homered in first game back with the Curve on 6/14 @ BNG during a 2-for-4 night and a 6-2 victory...Walked three times on 6/17 vs. HBG...Hit two-run homer to cap off four-run third in 6-3 comeback win on 6/27 vs. BNG...Hit .433 (13/30) with eight RBIs on seven-game hitting streak from 6/23-6/29(2)...Hit go-ahead, RBI double in top of eighth in 5-4 win on 7/1 @ AKR...Hit game-tying RBI double in four-run eighth inning of 6-4 comeback win on 7/3 @ AKR...Hit walk-off, two-run double to complete three-run 10th in 6-5 comeback win on 7/4 vs. ERI, his first career walk-off hit...Hit .333 (23/69) with 18 RBIs, nine extra-base hits and seven multi-hit games over his first 19 games following his promotion from 6/14-7/4...Went 0-for-21 over six games between 7/18-7/23 (1)

- **CAREER NOTES:** Drafted by the Pirates in the 21st round (628th overall) in 2017 out of the University of Missouri...Born in Perth, Australia and is the seventh player from Down Under to play for the Curve and the first since RHP Sam Street in 2018...Attended Carine Senior High School in Australia...Began college career at Northern Iowa Area Community College and set career records in hits, homers, doubles, runs and at-bats as the team reached the NJCAA World Series both years...Played summer college baseball for the Dodge City A's of the Jayhawk League in 2015 and appeared in two games for the Wareham Gatemen of the Cape Cod League in 2016...Hit .274 in his only season at Missouri and added seven homers and 13 doubles...Opened pro career with the short-season West Virginia Black Bears and batted .198 over 29 games...Hit .250 over his first 25 games with the Black Bears in 2018 and was promoted to the Single-A West Virginia Power on 7/19 for the remainder of the season...Swung the bat at a .282 clip in 34 games with the Power...Played winter ball in the Australian Baseball League in the 2017-18 and 2018-19 campaigns for his hometown Perth Heat...Named Australian Baseball League Rookie of the Year for the 2018-19 season after hitting .364, fourth-best in the league, with the Heat...Also added three homers, nine doubles and 25 RBIs in 28 games

#23 Logan Hill (@HillSan33)

Bats: Right Throws: Right

Ht/Wt: 6-3/226

CURRENT HIT STREAK: 2 games, 7/21-pres.

CURRENT ON-BASE STREAK: 4 games, 7/19-pres.

LAST HR: 7/13/19 (ALT @ ERI) (D. Carlton)

LONGEST HIT STREAK: 8 games, 5/12-5/19

LONG ON-BASE STREAK: 16 games, 5/2-5/19

PINCH-HITTING: --

STARTS (POSITION): 1B (9), LF (33), RF (1), DH (30)

MULTI-HIT GAMES: 19

STARTS (ORDER): 4th (62), 5th (11)

ACQ: 25th Round (2015) - Troy University

- **CURRENT NOTES:** Ranked eighth in the E.L. with an .807 OPS, combined with the ninth-best on-base percentage (.361) and slugging percentage (.447)...25 doubles between Double-A Altoona and Triple-A Indianapolis are tied for the most in the Pirates organization...11-for-38 (.289) with two home runs, one triple and two doubles in last 11 games since returning from Indy on 7/4

- **2019 NOTES:** Opening Day starter as the DH, batted fifth, and went 0-for-4 with three strikeouts on 4/4 @ AKR...Notched first RBI on first hit of the season during the first inning on 4/6 @ AKR to break an 0-for-6 start through first two games...Finished a three-hit game with a two-out, go-ahead RBI double on 4/7 @ AKR...Started at first base for the first time as a pro and went 4-for-5 with a homer, two doubles, a single and two late-inning RBIs in a 6-3 Curve win on 4/8 @ ERI...Went 9-for-15 (.600) over a four-game hitting streak from 4/6-4/9 with a homer, three doubles and four RBIs...Robbed what would have been a go-ahead, two-run home run from Spencer Kieboom at the left field wall during the top of the sixth inning at PNG Field on 4/16 vs. HBG...Reached base safely in all four plate appearances with two walks and two hits, including a double, on 5/12 vs. ERI...Hit .407 (24/59) with eight multi-hit games, 15 RBIs and 14 runs scored over 16-game on-base streak from 5/2-5/19 that included an eight-game hitting streak in which he batted .552 (16/29) with six multi-hit games and nine RBIs...Finished a homer shy of the cycle during a 3-for-4 performance on 6/1 vs. NHM...Hit a three-run triple and totaled four RBIs in 6-0 win on 6/8 vs. AKR(1)...Promoted to Triple-A Indianapolis for the first time in his career on 6/13...Batted .184 (9/49) over 14 games with two homers, three RBIs and four doubles...Assigned back to Double-A Altoona on 7/5...Went 0-for-9 in first three games back with Curve before he ripped a solo homer on 7/12 @ ERI for the only run of a 1-0 Curve win...Hit a two-run homer on 7/13 @ ERI to give Curve a three-run top of the 10th in a 10-7 win in extras...Went 4-for-4 with a triple and three singles on 7/16 vs. TRN...Totaled season-high four RBIs, drove in tying run in go-ahead eighth inning and went 2-for-3 in 6-5 comeback win on 7/17 vs. TRN...Hit .311 (14/45) with eight extra-base hits and 11 walks on 14-game on-base streak from 6/8-7/17

- **CAREER NOTES:** Drafted by the Pirates in the 25th round in 2015 out of Troy University...Attended Washington High School in Pensacola, Fla...Began college career at Jefferson Davis Community College in Brewton, Ala., where he was a two-time all-conference selection and named to the NJCAA National Team after sophomore season in 2014...Played junior season at Troy University and ranked in the top ten in the Sun Belt in batting average (.354), hits (73), RBIs (42), stolen bases (13), slugging percentage (.549) and on-base percentage (.440)...Began professional career with short-season West Virginia Black Bears in 2015 and finished ninth in the league in average (.297) and third in homers (7)...Named NYPL Player of the Month in July 2015 and was a 2015 New York-Penn League Mid-Season All-Star...Spent most of 2016 with the Single-A West Virginia Power and tied for second on the team with 11 home runs...Began 2017 with A-Adv. Bradenton and was selected as a Florida State League Mid-Season and Post-Season All-Star...Led FSL with 16 homers at time of promotion to Double-A...Hit by a pitch on 7/26/17 @ REA that broke his hand and ended his season...Played for Glendale in the Arizona Fall League in 2017...Played entire 2018 season with Altoona...17 home runs ranked third in the Pirates' system while 72 RBIs finished second...Tied a franchise record by drawing four walks in a game on 7/2 @ AKR and also homered...Hit .264 (48/182) over his last 53 games to raise batting average from .196 to .228...35 home runs over 2017-18 seasons were the most among all players in the Pirates organization...*For more on Hill, see Page 41 of the Curve Media Guide*

#5 Bralin Jackson (@axxtionjaxxn)

Bats: Right Throws: Left

Ht/Wt: 5-11/212

CURRENT HIT STREAK: 1 game, 7/24-pres.

CURRENT ON-BASE STREAK: 1 game, 7/24-pres.

LAST HR: 6/15/18 (ALT vs. NH) (T. Bergen)

LONGEST HIT STREAK: 3 games, 4x, last - 7/20-7/22

LONG ON-BASE STREAK: 6 games, 4/7-4/13

PINCH-HITTING: .143, (2/14), 2 1B, RBI, BB

STARTS (POSITION): LF (33), CF (7), RF (14), DH (3)

MULTI-HIT GAMES: 10

STARTS (ORDER): 1st (4), 2nd (18), 3rd (6), 4th (1), 5th (3), 6th (5), 7th (4), 8th (12), 9th (4)

ACQ: MiLB Free Agent (2017)

- **CURRENT NOTES:** 4-for-25 in seven games since being activated from injured list

- **2019 NOTES:** Opening Day starter in left field and batted second and 0-for-5 on 4/4 @ AKR...Scored game-winning run in 12th inning on walk-off single by Bligh Madris in home opener on 4/11 vs. AKR...Collected a career-high-tying four hits including a two-run, ground-rule double to cap off a seven-run third inning on 5/4 @ RIC...Hit .429 (15/35) and hit safely in eight of 10 games from 4/30-5/10 with five multi-hit games and four doubles...Hit .220 with 12 RBIs in 55 games in first half...Spent 7/5-7/18 on the 7-day injured list with a left ankle sprain and was activated on 7/19...Hit safely in three straight from 7/20-7/22, going 3-for-13

- **CAREER NOTES:** Drafted by the Tampa Bay Rays in the fifth round in 2012 out of Raytown South (Mo.) High School...Played five seasons in the Rays system...2014 New York-Penn League All-Star as a member of the Hudson Valley Renegades with a career-best .274 batting average...Spent the 2015 season with the Single-A Bowling Green Hot Rods and hit a career-high 19 doubles and 41 RBIs...In 2016, played with A-Adv. Charlotte Stone Crabs in the Florida State League and homered in his first at-bat...Released by the Rays following the 2016 season...Played in the independent Frontier League for the Washington Wild Things...Led Washington with 16 home runs and 76 RBIs...Frontier League All-Star Game MVP last July after he went 2-for-4 with a two-run double...Returned to affiliated baseball with Altoona in 2018 and hit .214 over 64 games...Went 10-for-15 (.667) at the plate in three games between 6/13-6/15 with five doubles, five runs scored, one homer and four RBIs...Spent 7/22-7/31 on IL with a left calf strain and missed remainder of the season after 8/7 with a left quad strain...*For more on Jackson, see Page 44 of the Curve Media Guide*

POSITION PLAYER NOTES

#7 Bligh Madris (@Bligh_Guy)

Bats: Left Throws: Right

Ht/Wt: 6-0/208

CURRENT HIT STREAK: 1 game, 7/24-pres.

CURRENT ON-BASE STREAK: 8 games, 7/18-pres.

LAST HR: 7/21/19 (ALT @ BOW) (J. Flaa)

LONGEST HIT STREAK: 6 games, 4x, last - 7/2-7/11

LONG ON-BASE STREAK: 12 games, 4/22-5/4

PINCH-HITTING: .000, (0/2)

STARTS (POSITION): LF (1), RF (84), DH (8)

MULTI-HIT GAMES: 27

STARTS (ORDER): 1st (1), 2nd (6), 3rd (39), 5th (29), 6th (18)

ACQ: 9th Round (2017) - Colorado Mesa University

- **CURRENT NOTES:** Hitting .294 (48/163) with six home runs, nine doubles, one triple, 30 RBIs and 13 runs in last 47 games since 6/2...Hitting .324 (23/71) with 15 RBIs and seven multi-hit games in last 19 games since 7/2...91 hits are tied for fifth in the E.L. while his 20 doubles rank tied for 11th...Hitting .320 (8/25) with seven walks on current eight-game on-base streak since 7/18

- **2019 NOTES:** Made Double-A debut as the Opening Day right fielder and went 1-for-4 with a double as the third batter in the order on 4/4 @ AKR...Doubled twice and recorded first Double-A RBI during a five-run fifth inning on 4/5 @ AKR...Hit game-tying, solo homer, his first at Double-A, to ignite four-run fourth inning on 4/8 @ ERI...Delivered walk-off, RBI single in the 12th inning to give the Curve a 3-2 victory in their home opener on 4/11 vs. AKR...Hit game-winning, two-run double to break 6-6 tie during 8-6 win on 4/28 vs. RIC...Went 13-for-29 (.448) with three doubles, five RBIs and five multi-hit games on six-game hitting streak from 4/22-4/28...Drew first walk of the season on 4/29, his 22nd game of the season...Hit .341 (15/44) during 12-game on-base streak from 4/22-5/4 with three doubles, five RBIs and seven walks...Started first game from the leadoff spot on 5/25 @ POR...Hit go-ahead, solo homer in top of ninth to cap off five-run rally in 9-8 comeback win on 6/3 @ ERI...Went 5-for-11 with three doubles in three-game series from 6/11-13 vs. POR...Hit go-ahead, two-run homer on 6/15 @ BNG...Hit .251 with 3 homers, 14 doubles and 22 RBIs in 64 games in first half... Hit .400 (14/35) with two homers, four doubles and five multi-hit games on 10-game on-base streak from 6/11-6/22...Hit game-winning, two-run homer off Jordan Stephens to break 4-4 tie in four-run eighth inning of 6-4 comeback win on 7/3 @ AKR...Hit go-ahead, two-run double in sixth inning, recorded Curve's only two hits and drove in all three runs in 3-2 comeback win on 7/7 vs. ERI...Reached base in 11 straight games from 6/29-7/12 and hit .333 (13/39)...Went 3-for-4 with two doubles, two RBIs and a single on 7/15 vs. TRN...Hit game-tying, three-run homer in top of eighth during 8-6 comeback win on 7/21 @ BOW

- **CAREER NOTES:** Drafted by the Pirates in the ninth round (268th overall) in 2017 out of Colorado Mesa University...Attended Foothill High School in Henderson, Nev. where he was a two-time all-state selection...In final year at Colorado Mesa, he batted .422 with 17 homers while his 67 RBIs and .757 slugging percentage ranked in the top 10 nation-wide among all players at the Division II level...Spent entire debut professional season with the short-season West Virginia Black Bears and hit .270 while leading the Black Bears with 13 doubles, 61 hits and 36 runs scored...Named New York-Penn League Player of the Week on 7/23/17 with .476 average and five extra-base hits...Played the entire 2018 season with A-Adv. Bradenton for his first full season of pro ball...Average dipped to .238 with career-high nine homers and five triples with 53 RBIs...Connected on three walk-off hits in 2018: game-winning single on 4/22 vs. FTM, a single on 8/5 vs. CLR in the 10th inning and his first career walk-off home run on 8/21 vs. CHA...*For more on Madris, see Page 48 of the Curve Media Guide*

#24 Gift Ngoepe

Bats: Right Throws: Right

Ht/Wt: 5-8/200

CURRENT HIT STREAK: 1 game, 7/23(2)-pres.

CURRENT ON-BASE STREAK: 1 game, 7/23(2)-pres.

LAST HR: 6/4/19 (LHV @ PAW) (B. Johnson)

LONGEST HIT STREAK: 1 game, 2x, last -- 7/23(2)

LONG ON-BASE STREAK: 6 games, 6/30-7/7

PINCH-HITTING: --

STARTS (POSITION): SS (11)

MULTI-HIT GAMES: 1

STARTS (ORDER): 8th (2), 9th (9)

ACQ: MiLB Free Agent (2019)

- **CURRENT NOTES:** Has walked eight times in last nine games since 7/1, going 1-for-18 at the plate

- **2019 NOTES:** Signed a minor league contract with the Phillies in January with an invite to spring training...Hit .221 with five home runs and 21 RBIs in 41 games with Triple-A Lehigh Valley before being released on June 20...Signed a minor league contract with the Pirates on June 27, 2019...Scored game-winning run as the placed runner in ninth inning of 4-3 walk-off win on 6/29 vs. BNG (2)...Went 0-for-16 over eight games from 7/1-7/19 and broke slide with single in first at-bat on 7/23 vs. ERI (2)

- **CAREER NOTES:** Signed by the Pirates as an international free agent on October 10, 2008...Reached Double-A Altoona for the first time in 2013, playing in 72 games and batted .177...Spent all of 2014 with the Curve, hitting .238 with career-best 17 doubles, nine triples, nine home runs and 52 RBIs over 131 games...Returned to Altoona for 2015 and batted a career-best .260 before he was moved up to Triple-A Indianapolis for first time and missed most of the last two months of the year with an oblique strain...Became the first African-born player to play Major League Baseball when he debuted for the Pirates on 4/26/17 and singled in his first plate appearance...Hit .222 with six RBIs in 28 games with Pirates in 2017...Traded from the Pirates to the Blue Jays on November 20, 2017...Played in 13 games with Blue Jays in 2018...Released by Toronto on 8/13/18...His younger brother, Victor, is an infielder in the Pirates minor league system with short-season West Virginia and was signed in January 2016

#41 Jared Oliva (@Jared_Oliva41)

Bats: Right Throws: Right

Ht/Wt: 6-2/203

CURRENT HIT STREAK: 2 games, 7/23(2)-pres.

CURRENT ON-BASE STREAK: 2 games, 7/23(2)-pres.

LAST HR: 7/14/19 (ALT @ ERI) (A. Castro)

LONGEST HIT STREAK: 10 games, 7/13-7/22

LONG ON-BASE STREAK: 14 games, 6/3-6/18

PINCH-HITTING: .000, (0/1), HBP, RBI

STARTS (POSITION): LF (1), CF (75), DH (5)

MULTI-HIT GAMES: 27

STARTS (ORDER): 1st (44), 2nd (5), 3rd (32)

ACQ: 7th Round (2017) - University of Arizona

- **CURRENT NOTES:** Leads the Pirates organization with 28 stolen bases and ranks third with a .284 average (min. 300 plate appearances)...Second in E.L. with 28 steals, ninth with .280 batting average, sixth with a .362 OBP, ninth with .786 OPS, tied for fourth with 54 runs and tied for seventh with nine hit-by-pitch...Converted 20 straight stolen base attempts since 6/9...Leads E.L. in OBP (.425) and batting average (.351) since 6/3 while he has reached base in 42 of last 46 games with 21 extra-base hits, 19 multi-hit games, 36 runs scored, 18 walks and 24 RBIs...Played second-most innings in without an error among E.L. outfielders (Derek Hill, Erie)

- **2019 NOTES:** Made Double-A debut as the Opening Day leadoff hitter and center fielder on 4/4 @ AKR...Walked in only plate appearance and was removed from the game after an outfield collision with left fielder Bralin Jackson in bottom of first inning...Placed on the 7-day injured list on 4/5 for a concussion and was activated on 4/15 after missing nine games...Singled and doubled in first two at-bats of home debut on 4/15 vs. HBG, his first game after coming off the injured list...Stole first Double-A base in first game of a double-header on 4/20 @ RIC (1)...Knocked in lone run of the game in eighth inning on 4/20 @ RIC (2), his first Double-A RBI that aided a double-header sweep in Richmond...Hit first Double-A home run, a lead-off shot to start the game, on 5/3 @ RIC...Hit game-tying solo homer in top of ninth in 7-3 loss on 5/27 @ POR...Hit solo homers for third and fourth long balls of season in back-to-back morning games on 6/4 and 6/5 @ ERI...Went 3-for-7 with an RBI double and three runs in double-header sweep on 6/8 vs. AKR...Hit go-ahead RBI single in seventh inning and went 2-for-4 in 5-4 win on 6/11 vs. POR...Recorded first three-hit game at Double-A with double and two singles and reached safely all four times on 6/18 vs. HBG...Hit .222 with 4 homers, 14 RBIs and 12 SBs in 53 games in first half...Hit .296 (16/54) with two home runs, two doubles, five RBIs, 10 runs, six walks and two HBP during 14-game on-base streak from 6/3-6/18 to end first half...Went 3-for-5 with a double, run and two RBIs on 6/23 @ HFD...Went 2-for-5 with a two-run single and a double on 6/28 vs. BNG...Went 3-for-4 with solo HR, two singles, two runs and stolen base on 6/30 vs. BNG...Hit .296 with 12 extra-base hits, 12 RBIs and went 9/9 in stolen base attempts in 27 June games...Scored game-winning run and went 3-for-5 on 7/4 vs. ERI...Set a career high with five RBIs and went 3-for-5 on 7/13 @ ERI including a go-ahead, RBI single that scored the placed runner from second to start the 10th...Hit a two-run homer, his sixth of the season, and reached base safely four times on 7/14 @ ERI...Went 2-for-3 with two triples and scored three runs in 6-5 comeback win on 7/17 vs. TRN...Hit .415 (17/41) with six multi-hit games, 10 RBIs and 11 runs scored during career-high, 10-game hitting streak from 7/13-7/22

- **CAREER NOTES:** Drafted by the Pirates in the seventh round (208th overall) in 2017 out of the University of Arizona...Father, David, played five pro seasons in the Red Sox organizations while his uncle, Steve, played four years of pro ball in the Braves and Angels organizations...Brother, Nicholas, played defensive end at New Mexico State University...Attended Valencia High School in Santa Clarita, Calif. where he was teammates with Brewers top prospect Keston Hiura...Hit .280 in 172 games over three seasons at Arizona, including a .321 mark in 2017 with 54 RBIs and 25 doubles...Played first professional season with the short-season West Virginia Black Bears and tied for the NYPL lead with seven triples and hit .266 with 15 steals...Batted .275, 10th-best in the Florida State League, as A-Adv. Bradenton's primary leadoff hitter in 2018...33 stolen bases in 2018 finished third among Pirates minor leaguers...Named a Pittsburgh Organization All-Star by MiLB.com after the season...Tabbed as the "Best Defensive Outfielder" in the Pirates system by *Baseball America* prior to the 2019 season...Ranked No. 11 by MLB.com and No. 19 by *Baseball America* among the Top 30 Pirates prospects before the season...*For more on Oliva, see page 53 of the Curve Media Guide*

#53 Arden Pabst (@arden_pabst)

Bats: Right Throws: Right

Ht/Wt: 6-1/210

CURRENT HIT STREAK: 2 games, 7/22-pres.

CURRENT ON-BASE STREAK: 3 games, 7/21-pres.

LAST HR: 6/30/19 (ALT vs. BNG) (M. Blackham)

LONGEST HIT STREAK: 4 games, 4/22-4/28

LONG ON-BASE STREAK: 4 games, 4/22-4/28

PINCH-HITTING: --

STARTS (POSITION): C (54)

MULTI-HIT GAMES: 8

STARTS (ORDER): 6th (2), 7th (28), 8th (24)

ACQ: 12th Round (2016) - Georgia Tech

- **CURRENT NOTES:** Only E.L. catcher without an error and at least 200 innings caught (469.1 innings)...41% (18/44) caught stealing rate is second-best among qualified Eastern League catchers...13-for-73 (.178) with one home run and five RBIs last 22 games since 6/15

- **2019 NOTES:** Started at catcher on Opening Day, 4/4 @ AKR, and drove in the first runs of the season with a two-run single to left field...Recorded first multi-hit game with a double and triple in 2-for-4 night on 4/18 @ RIC...Hit a two-RBI triple to cap off five-run third inning in 8-2 win on 5/18 vs. HBG...Hit first home run of season, a two-run shot, and went 2-for-5 in 9-8 comeback win on 6/3...Homered in second straight game on 6/5 @ ERI, a solo shot to center, during a 3-for-4 day...Hit .232 with 12 extra-base hits and 16 RBIs in 36 games in first half...

- **CAREER NOTES:** Drafted by the Pirates in the 12th round of the 2016 draft out of Georgia Tech...Attended Harvard-West Lake High School (North Hollywood, Calif.) as a four-year letterman and two-time captain...Same high school notable major leaguers LHP Max Fried, RHP Lucas Giolito, RHP Jack Flaherty, OF Brennan Boesch and former Pirates LHP pitcher Nick Turley...Hit .248 with five doubles, four homers and 19 RBIs in 41 game as a junior at Georgia Tech in 2016...As a junior in 2015, led the ACC in caught-stealing percentage (.44.5) and caught stealing (25), which was also the most by a Yellow Jackets catcher since Matt Wieters had 22 in 2007...Made professional debut with short-season West Virginia Black Bears in 2016 and hit .225...Spent entire 2017 season with Single-A West Virginia Power and hit .242 with four homers, 12 doubles and 24 RBIs...2018 Florida State League All-Star...Hit .264 (61/231) between Bradenton, Altoona and Indianapolis with new career-high totals in home runs (10), RBIs (36), doubles (14) and triples (2)...*For more on Pabst, see Page 55 of the Curve Media Guide*

POSITION PLAYER NOTES

#3 Brett Pope (@BdPope13)

Bats: Left Throws: Right

Ht/Wt: 5-11/181

CURRENT HIT STREAK: --

LONGEST HIT STREAK: 6 games, 5/2-5/12

STARTS (POSITION): 2B (8), 3B (9), SS (31), DH (1)

STARTS (ORDER): 1st (4), 2nd (4), 7th, (3), 8th (25), 9th (13)

CURRENT ON-BASE STREAK: --

LONG ON-BASE STREAK: 7 games, 6/2-6/12

LAST HR: 6/23/18 (WVP @ HIC) (A.J. Alexy)

PINCH-HITTING: .143, (2/14), 2B, RBI, BB

MULTI-HIT GAMES: 9

ACQ: 22nd Round (2017) - Western Carolina University

- **CURRENT NOTES:** Hitting .260 (27/104) with nine RBIs and eight walks in last 37 games since 5/22...Started 8 of 10 games since 7/16 and is hitting .222 (6/27) with a .290 on-base percentage (9/31)

- **2019 NOTES:** Made Double-A debut on 4/5 @ AKR and collected first Double-A hit in second plate appearance...Started season batting .071 (2/28) through first 12 games of the season...Recorded first multi-hit game of season with 2-for-5 day on 4/24 @ HBG...Connected on an RBI double to put the Curve within one during a 10-7 comeback win on 5/3 @ RIC...Hit .343 (12/35) and hit safely in nine of 10 games from 4/24-5/11 with three multi-hit games and three doubles to raise batting average to .222...Went 0-for-19 over seven games from 5/14-5/22...Had a perfect day at the plate on 5/28 @ TRN, going 3-for-3 with three singles and an RBI to finish a five-run fourth inning...Hit game-tying, RBI single in seventh inning of 5-4 win on 6/11 vs. POR...Hit .210 in 45 games in first half...Hit game-tying, pinch-hit RBI double down the left field line in the eighth inning on 6/28 vs. BNG...Batted .291 (16/55) in 20 games in June

- **CAREER NOTES:** Drafted by the Pirates in the 22nd round (658th overall) in 2017 out of Western Carolina...Attended West Iredell High School in Statesville, N.C. where he hit .393 over his career, was a three-time all-conference selection and owns the program's all-time record with 56 stolen bases for a career...Started all 51 games as a freshman at Western Carolina and batted .270...Missed most of his sophomore season in 2016 due to a broken hand but still hit .323...Returned to action in the NCAA Tournament and was named to the Clemson Regional All-Tournament Team after hitting .615 (8-for-13)...Hit .342 as a junior in 2017 and was named Second Team All-Southern Conference...Began professional career with the short-season West Virginia Black Bears and hit .205 in 39 games...Started 2018 with the Single-A West Virginia Power where he hit .274 before being promoted to the A-Adv. Bradenton Marauders on 6/29...Went a career-best 4-for-4 with an RBI on 7/13 @ DBT

#13 Alfredo Reyes

Bats: Right Throws: Right

Ht/Wt: 6-2/179

CURRENT HIT STREAK: --

LONGEST HIT STREAK: 3 games, 2x, last -- 7/2-7/5

STARTS (POSITION): 1B (3), 2B (9), 3B (7), SS (14), CF (8)

STARTS (ORDER): 1st (3), 2nd (9), 8th (13), 9th (17)

CURRENT ON-BASE STREAK: --

LONG ON-BASE STREAK: 3 games, 4x, last - 7/2-7/5

LAST HR: 6/23/19 (ALT @ HFD) (J. Wynkoop)

PINCH-HITTING: .333, (1/3), 3B, BB, HBP

MULTI-HIT GAMES: 7

ACQ: Triple-A Rule 5 - NYM (2015)

- **CURRENT NOTES:** 2-for-24 (.083) with 10 strikeouts in last 10 games since 7/7

- **2019 NOTES:** Opening Day starter at shortstop and nine hitter on 4/4 @ AKR...Moved to center field in the first inning after Jared Oliva was removed from the game due to injury and went 1-for-4 with an RBI single in the fourth inning...Assigned to Triple-A Indianapolis on 4/11...Played in two games for the Indians and went 1-for-7 before returning to Curve roster on 4/18...Returned to Triple-A Indianapolis from 4/20-5/3 and played in six games before returning to the Curve on 5/4...Reached base in all five plate appearances with two singles, three walks and an RBI on 5/8 vs. BOW...Went 2-for-5 with two singles, two stolen bases, one RBI and one run on 6/18 vs. HBG...Hit .151 in 29 games in first half...Hit first home run of season, a solo shot, and went 2-for-3 on 6/23 @ HFD...Went 3-for-5 with two doubles and scored a run on 6/25 @ RIC...Went 2-for-4 with two doubles and two runs scored on 6/28 vs. BNG...Batted .325 (13/40) with six extra-base hits from 6/18-7/5 with five extra-base hits after he held a .136 (11/81) average and just one extra-base hit, a pinch-hit triple, over the first 28 games of the season...Over seven-game period from 6/23-7/2, collected four multi-hit games with a pair of two-double games while batting .409 (9/22)...Replaced Jerrick Suiter at first base after he was taken out due to injury on 7/18 @ BOW...Came off the bench to play first base for Logan Hill on 7/22 vs. ERI...Made first professional pitching performance on 7/19 @ BOW and threw a scoreless eighth inning of an 11-3 loss...Made first three professional starts at first base from 7/23 (1)-7/24

- **CAREER NOTES:** Selected by the Pirates in the minor league (Triple-A) phase of the 2015 Rule 5 draft from the Mets...Originally signed by New York (NL) as an international free agent in November 2010 and spent the 2011-2015 seasons in the Mets organization...Spent 2011-2013 seasons in Dominican Summer League before splitting the 2014 season between the GCL Mets and short-season Brooklyn...Began 2015 in extended spring training and reported to A-Adv. St. Lucie on 5/31 and was sent to short-season Brooklyn on 6/19...Played first full season after joining the Pirates organization for 2016 season with the West Virginia Power...Stole 28 bases in 2016, third-most in the Pirates organization and led the Power, and hit .199 in 97 games...In 2017, Reyes spent the entire season with the Bradenton Marauders and hit .232 with 24 stolen bases, third-most in the Pirates' system...Entered the 2017 season rated by Baseball America as having the "Best Infield Arm" in the Pittsburgh minor league system...Began 2018 with Bradenton and was named a 2018 Florida State League Mid-Season All-Star, his first all-star nomination of his professional career...Promoted to Double-A Altoona on 6/29...Assigned to the Indianapolis Indians on 7/16 for two games before returning to the Curve roster on 7/22...Had a second stint in Triple-A for four games between 8/2-8/9 before rejoining the Curve again on 8/10...Crushed a grand slam during a five-run fourth inning for his first Double-A home run on 8/23 vs. HBG...Hit .286 over three levels and drew 50 walks...Tied Cole Tucker for the most stolen bases in Pittsburgh's minor league system (35)...**For more on Reyes, see Page 56 of the Curve Media Guide**

#10 Chris Sharpe (@Chris_Sharpe19)

Bats: Right Throws: Right

Ht/Wt: 6-1/195

CURRENT HIT STREAK: 1 game, 7/24-pres.

LONGEST HIT STREAK: 3 games, 2x, last -- 6/29(2)-7/1

STARTS (POSITION): LF (27), CF (3), DH (1)

STARTS (ORDER): 2nd (30), 7th (1)

CURRENT ON-BASE STREAK: 1 game, 7/24-pres.

LONG ON-BASE STREAK: 8 games, 7/16-7/23(1)

LAST HR: 7/21/19 (ALT @ BOW) (Z. Muckenhirn)

PINCH-HITTING: --

MULTI-HIT GAMES: 8

ACQ: 14th Round (2017) - Univ. of Massachusetts-Lowell

- **CURRENT NOTES:** Hitting .261 with career-highs in homers (11), RBIs (52) and doubles (23) between A-Adv. Bradenton and Double-A Altoona...Ranked fourth in Pirates organization with 15 stolen bases between A-Adv. Bradenton and Double-A Altoona...Over last five games since 7/21, 6-for-22 (.273) with one homer, two doubles, 4 RBIs and six runs scored

- **2019 NOTES:** 2019 FLORIDA STATE LEAGUE ALL-STAR...Began the season with A-Adv. Bradenton...Made A-Adv. debut as Opening Day starter in left field for Marauders on 4/4 and delivered a sacrifice fly in the fifth for the game's only run...Sputtered over first nine games, going 2-for-26 (.077) from 4/4-4/14...Broke out for FSL Player of the Week for 4/15-4/21 with five multi-hit games and batted .478 (11/23) with five extra-base hits, including his first two homers of the season...After finishing April with a .240 average, batted .299 over 26 games in May...Hit first career grand slam during the seventh inning on 5/28 vs. LAK...Doubled in five straight games from 6/6-6/10...Recorded a career-high five RBIs on 6/9 @ DUN during a 3-for-4 day that included a first inning single, a two-run single in the second and a two-run double in the seventh...Selected to the Florida State League All-Star Game on 6/15, appeared as a pinch-hitter in the sixth inning and popped out in his only plate appearance...Batted .397 (29/73) from 5/26-6/19, the last 21 games with A-Adv. Bradenton with seven multi-hit games...Promoted to Double-A Altoona on 6/20...At the time of call-up, ranked second in the Florida State League with .385 on-base percentage, third with a .836 OPS, sixth with a .292 batting average, fourth with 15 steals and 17 doubles, sixth with 66 hits, eighth with 24 extra-base hits and third with eight hit-by-pitch...Also hit five home runs for the Marauders...Made Double-A debut on 6/21 @ HFD in left field and second in the batting order...Doubled to left in first at bat with the Curve and singled in second plate appearance...Crushed first Double-A home run in second game on 6/22 @ HFD to tie the game, 3-3, before the Yard Goats rebounded for a 7-3 win...Hit walk-off single in bottom of ninth on 6/29 vs. BNG (2)...Hit go-ahead grand slam, the second of his career, onto the hill in left field in six-run fourth inning during 8-5 win on 6/30 vs. BNG...Hit game-tying, two-run double in top of the eighth and went 2-for-4 with three RBIs in 5-4 win on 7/1 @ AKR...Drove in three runs with a two-run homer and an RBI single in 6-5 comeback win on 7/4 vs. ERI...Broke 0-for-15 slide with a double in the fifth inning on 7/13 @ ERI...Went 2-for-4 with a double and scored two runs on 7/14 @ ERI...Went 2-for-5 with a solo homer on 7/16 vs. TRN...Broke a 6-6 tie with a game-winning, two-run homer in top of ninth in 8-6 comeback win on 7/21 @ BOW

- **CAREER NOTES:** Selected by the Pirates in the 14th round (418th overall) of the 2017 draft out of the University of Massachusetts-Lowell...Attended Burlington (Mass.) High School before a post-graduate year at Bridgton (Maine) Academy High School...After batting .228 as a freshman at UMass Lowell, led the River Hawks club with a .338 average as a draft-eligible sophomore and belted a team-best seven homers and 16 doubles over 33 games...21st player drafted in UMass Lowell program history...Spent professional debut season with short-season West Virginia Black Bears in 2017 and batted .234 over 39 games...Played the entire 2018 with Single-A West Virginia Power and hit .263 with four homers and 28 RBIs...Spent 7/19-8/30 on the injured list

#19 Mitchell Tolman (@MitchellTolman)

Bats: Left Throws: Right

Ht/Wt: 5-10/195

CURRENT HIT STREAK: 1 game, 7/24-pres.

LONGEST HIT STREAK: 7 games, 6/29(2)-7/6

STARTS (POSITION): 2B (82), 3B (2), DH (5)

STARTS (ORDER): 1st (38), 2nd (19), 3rd (1), 6th (4), 7th (27)

CURRENT ON-BASE STREAK: 6 games, 7/20-pres.

LONG ON-BASE STREAK: 17 games, 6/24-7/15

LAST HR: 6/21/19 (ALT @ HFD) (J. Foley)

PINCH-HITTING: .250 (1/4), RBI

MULTI-HIT GAMES: 20

ACQ: 7th Round (2015) - Oregon

- **CURRENT NOTES:** Has hit safely in 36 of last 45 games while hitting .282 (48/170) with 10 extra-base hits, 15 RBIs and 11 multi-hit games since 6/3...Since taking over the leadoff spot on 6/19, reached base in 28 of 31 games while hitting .278 (32/115) with 20 walks, 25 runs scored and a .403 on-base percentage

- **2019 NOTES:** Collected the Curve's first hit of the season and went 1-for-4 as the Opening Day starter at second base...Hit first home run of season, a ninth-inning solo blast, on 4/9 @ ERI to break 0-for-12 slide at the plate...Recorded first multi-hit game of season with pair of singles on 4/16 vs. HBG...Went 4-for-11 over four-game hitting streak from 4/20-4/23...Hit first triple and double of season, was hit by a pitch and added an RBI in 2-for-3 night on 4/26 vs. RIC...Hit a solo homer, his second of season, and an RBI triple in 3-for-4, two-RBI day on 4/28 vs. RIC...Went 3-for-3 with solo HR, scored three runs and reached base safely all four times in first game batting leadoff on 5/16 vs. HBG...Went 6-for-13 over first three games in leadoff role from 5/16-5/18 before 2-for-19 in following five and slotted in three-hole on 5/25...Reached base in all four plate appearances on 5/26 @ POR with two walks and two doubles, including a three-run double off the Maine Monster during a four-run third...Went 3-for-5 with a double, two walks and a run in 9-8 comeback win on 6/3 @ ERI...During a double-header on his 25th birthday on 6/8 vs. AKR, Tolman had an RBI in game one and delivered the game-winning RBI single in the bottom of the sixth during game two to aid the double-header sweep for the Curve...Went 3-for-4 with two doubles and an RBI on 6/13 vs. POR...Compiled a season-best hitting streak of five games from 6/8 (2)-6/13 and batted .444 (8/18)...Hit .248 with 3 homers and 20 RBIs in 65 games in first half...Smacked an opposite-field, solo homer to start the fifth inning on 6/21 @ HFD to tie the game, 5-5, before the Curve claimed a lead that would be lost in the eighth inning of a 7-6 defeat...Went 3-for-4 with an RBI, walk and stolen base on 6/29 vs. BNG (2)...Hit .306 with 10 RBIs and went 7/8 in stolen base attempts in 26 games in June...Reached base safely 15 times (seven hits, eight walks) in six-game stretch from 6/24-6/29...Hit .279 (17/61) with 15 walks for a .429 on-base percentage and scored 14 runs on season-best 17-game on-base streak from 6/24-7/15...Hit an RBI double and RBI single in 2-for-4 night on 7/22 vs. ERI

- **CAREER NOTES:** Drafted by the Pittsburgh Pirates in the 7th round of the 2015 MLB Draft out of Oregon...Started all 62 games during his last year with the Ducks and hit .325 with 20 doubles, three homers, 24 RBI and 43 runs scored...Was first-team All-Pac-12 in 2015...Named to the Pac-12 All-Conference team as a sophomore in 2014 after hitting .315 with two home runs and 49 RBI, playing third base, first base and designated hitter...Made pro debut in 2015 for the West Virginia Black Bears...Reached base safely in 28 straight games, from 5/19-6/24, the second-longest on-base streak by a South Atlantic League player in 2016 while playing for the West Virginia Power...Led SAL second baseman in games (119), assists (335) and double plays (81) in 2016...Overall hit .265 with eight home runs and 48 RBI in 2016...Played most of the 2017 season with the Bradenton Marauders and hit .267 with nine homers, 19 doubles and a team-best 62 RBIs...Finished fourth in the FSL in runs scored (66) and led second basemen in fielding percentage (.978)...Promoted to Altoona on 9/3...Hit a walk-off, three-run homer in the 12th inning of the regular-season finale on 9/4 vs. HBG...Batted .333 (8/24) during the Curve's run to the 2017 Eastern League title...Served a 50-game suspension to start the 2018 season...Spent the entire season with Bradenton and batted .250 with 16 doubles over 68 games...**For more on Tolman, see Page 65 of the Curve Media Guide**

BATTERS BREAKDOWN

MULTI-HIT GAMES

MULTI-RBI GAMES

HOME RUN BREAKDOWN

PLAYER	TOT	2H	3H	4H	5+	TOT	2BI	3BI	4BI	5+BI	TOT	2R	3R	GS	PH	LAST
Stephen Alemais	3	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jason Delay	11	7	2	2	--	8	6	1	1	--	5	1	1	--	--	6/4 @ ERI
Robbie Glendinning	10	7	3	--	--	8	8	--	--	--	3	2	--	--	--	6/27 vs. BNG
Logan Hill	19	13	4	2	--	11	7	2	2	--	6	1	--	--	--	7/13 @ ERI
Bralin Jackson	10	9	--	1	--	3	3	--	--	--	--	--	--	--	--	--
Bligh Madris	27	23	4	--	--	13	10	3	--	--	7	3	1	--	--	7/21 @ BOW
Gift Ngoepe	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jared Oliva	27	21	6	--	--	5	4	--	--	1	6	1	--	--	--	7/14 @ ERI
Hunter Owen	20	17	3	--	--	9	3	4	1	1	15	3	2	1	--	6/15 @ BNG
Arden Pabst	8	8	--	--	--	5	5	--	--	--	3	1	--	--	--	6/30 vs. BNG
Ryan Peurifoy	1	1	--	--	--	--	--	--	--	--	1	--	--	--	--	5/25 @ POR
Brett Pope	9	8	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Alfredo Reyes	7	6	1	--	--	--	--	--	--	--	1	--	--	--	--	6/23 @ HFD
Chris Sharpe	8	8	--	--	--	6	2	3	1	--	6	3	--	1	--	7/21 @ BOW
Jerrick Suiter	19	17	2	--	--	10	10	--	--	--	4	2	--	--	--	6/27 vs. BNG
Mitchell Tolman	20	14	6	--	--	4	3	1	--	--	4	--	--	--	--	4/28 vs. RIC
Adrian Valerio	1	1	--	--	--	1	1	--	--	--	--	--	--	--	--	--
Pitchers	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	5/16 vs. HBG
Totals	202	164	32	5	--	83	62	14	5	2	62	16	4	2	--	7/21 @ BOW

PINCH HITTERS

PLAYER	STATISTICS	LAST PINCH-HIT APP.
Robbie Glendinning	.000, 0/4	6/29 vs. BNG (2)
Bralin Jackson	.143, 2/14, 2 1B, RBI, BB	7/23 vs. ERI (2)
Bligh Madris	.000, 0/2	5/27 @ POR
Jared Oliva	.000, 0/2, HBP, RBI	6/29 vs. BNG (2)
Ryan Peurifoy	.100, 1/10, BB	6/27 vs. BNG
Brett Pope	.143, 2/14, 2B, RBI, BB	7/18 @ BOW
Alfredo Reyes	.333, 1/3, 3B, BB, HBP	7/22 vs. ERI
Chris Sharpe	.000, 0/0, BB	6/28 vs. BNG
Jerrick Suiter	.000, 0/2	5/19 vs. HBG
Mitchell Tolman	.250, 1/4, RBI, HBP	5/14 @ BNG (2)
Adrian Valerio	.000, 0/1, BB	5/15 @ BNG
Totals:	.125, 7/56	7/23 vs. ERI (2)

PITCHERS AT THE PLATE

PLAYER	AVG	HR	RBI	R	BB	SO	SAC	LAST PA
Agrazal	.000, (0/1)	0	1	0	1	1	2	4/22 @ HBG
Bolton	.500, (1/2)	0	0	0	0	1	0	6/26 @ RIC
Brady	.143, (1/7)	0	0	0	0	2	2	6/29 vs. BNG (2)
Campos	.000, (0/1)	0	0	0	0	1	0	5/3 @ RIC
Eckelman	.000, (0/1)	0	0	0	0	1	0	5/16 vs. HBG
Garcia	.000, (0/2)	0	0	0	1	1	0	5/17 vs. HBG
Hightower	.000, (0/5)	0	1	0	0	4	1	5/17 vs. HBG
Keselica	.000, (0/1)	0	0	0	0	1	0	4/27 vs. RIC
Marvel	.063, (1/16)	0	1	1	1	5	1	6/30 vs. BNG
Robles	.000, (1/6)	0	0	0	0	3	0	6/27 vs. BNG
Sulser	.500, (2/4)	1	2	2	0	0	0	6/24 @ RIC
Vasquez	.214, (3/14)	0	0	2	1	4	1	6/28 vs. BNG
Vieaux	.143, (1/7)	0	0	0	1	3	0	5/16 vs. HBG
Waddell	.333, (1/3)	0	0	0	1	2	0	6/29 vs. BNG (1)
Totals	.157 (11/70)	1	5	5	6	25	9	6/30 vs. BNG

OFFENSE BY INNING

INNING	1	2	3	4	5	6	7	8	9	10+	TOTALS
CURVE	38	27	63	61	51	45	30	46	28	8	401
OPPONENT	48	42	53	35	60	61	39	44	19	5	405

EJECTIONS

PLAYER/COACH	DATE	UMPIRE	REASON
Michael Ryan	4/11 vs. AKR (12th)	T. Matsuda	Arguing play at plate
Michael Ryan	5/3 @ RIC (7th)	D. Thomas	Arguing balls and strikes
Michael Ryan	6/3 @ ERI (7th)	T. West	Arguing check swing
Michael Ryan	6/17 vs. HBG (3rd)	A. Higgins	Arguing appeal at third base
Joel Hanrahan	6/29 vs. BNG (2)	J. Gonzalez	Arguing strike zone
Angel German	7/20 @ BOW (8th)	P. Sharshel	Hit batter

HOME-ROAD STATS

Home (26-24)			
Average:	.253	Home Runs:	22
Runs Per Game:	3.8	Stolen Bases:	33
Doubles:	72	Walks:	150
Triples:	12	Strikeouts:	403
Road (26-24)			
Average:	.233	Home Runs:	40
Runs Per Game:	4.2	Stolen Bases:	37
Doubles:	76	Walks:	152
Triples:	10	Strikeouts:	473

ALTOONA CURVE COACHING STAFF

Michael Ryan Manager (3rd Season)	Joel Hanrahan Pitching Coach	Jon Nunnally Hitting Coach	Salvador Paniagua Coach	Justin Ahrens Athletic Trainer	Joe Schlesinger Strength Coach
Career Record: 484-443 w/ALT: 204-174	1st season 3rd overall	1st season 12th overall	1st season 3rd overall	3rd season 10th overall	3rd season 7th overall

Ryan returns for his third season in Altoona after guiding the Curve to back-to-back Western Division championships. In his first season, the Curve captured the 2017 Eastern League title. He also managed the Western Division All-Stars in the 2018 Eastern League All-Star Classic. Ryan started his coaching career as a coach for the Curve in 2012. He is in his seventh season as a manager in the Pirates organization, leading the Bradenton Marauders from 2015-16 and the West Virginia Power from 2014-15. He steered Bradenton to a 70-66 record in 2016 and won the Florida State League championship. Ryan played 15 professional seasons, including five in the majors, after he was a fifth-round draft choice by the Minnesota Twins in 1996.

Hanrahan joins the Curve in 2019 for his third season as a pitching coach in the Pittsburgh minor league system. He started his coaching career with the Bristol Pirates in 2017 and most recently oversaw pitchers for the West Virginia Power last year. Hanrahan was a two-time National League All-Star with the Pittsburgh Pirates in 2011 and 2012 while he served as the team's closer. He was the first Buccs closer to notch 40 saves in a single season and recorded 82 saves, fifth all-time, during four seasons in Pittsburgh. A second-round pick by the Los Angeles Dodgers in 2000, he played 14 totals seasons and seven years as a right-handed reliever in the majors.

Nunnally comes to the Curve for his first year in the Pirates organization and 12th season as a coach in professional baseball. During the 2010-11 seasons, he was the hitting coach for the Cleveland Indians under manager Manny Acta. Nunnally spent the last two seasons as the Minor League Outfield and Baserunning Coordinator for the Los Angeles Angels. He has served as a hitting coach in the Indians, Toronto Blue Jays and Boston Red Sox developmental systems with Eastern League stops in New Hampshire (2012, 14) and Portland (2016). As a player, Nunnally was drafted by Cleveland in the third round in 1992 and played 15 seasons. He also played six major league seasons.

Paniagua joins the Curve for his third season as a coach in the Pirates organization. He started his coaching career in 2017 with the Bristol Pirates and was the hitting coach for the Dominican Summer League affiliate last year. He played for 13 years as an international signee out of the Dominican Republic. Paniagua spent parts of six seasons as a member of the Boston Red Sox and New York Mets minor league systems that included Eastern League experience with Portland (2007) and Binghamton (2008-09). He also spent six seasons (2011-16) with the independent York Revolution and is the longest-tenured position player in franchise history.

In his eighth season as a member of the Pittsburgh organization, Ahrens returns to Altoona for a third season in 2019. In 2018, Ahrens was the trainer for the Western Division for the Eastern League All-Star Classic. He spent two years in Bradenton from 2015-16, where he was named Florida State League Athletic Trainer of the Year in 2016. He spent each the last six seasons on the same staff as manager Michael Ryan. Ahrens received a bachelor's degree in athletic training from Carroll University in 2011, and a master's degree in kinesiology from Fresno Pacific University in 2016.

Schlesinger returns to the Curve for his third season, after making stops at Jamestown, West Virginia and Bradenton within the Pittsburgh system. In 2018, Ahrens was the trainer for the Western Division for the Eastern League All-Star Classic. Prior to joining the Pirates, he served as the strength and conditioning graduate assistant at Duquesne University from 2012-2014. Schlesinger graduated from Toledo with a degree in exercise science in 2011 and completed his master's degree of science in sports leadership at Duquesne in 2014.

RECORD BREAKDOWNS/HIGHS & LOWS

RECORD BREAKDOWN

	TOTAL	HOME	ROAD
Overall Record	52-48	26-24	26-24
vs. Western Division	40-30	19-17	21-13
vs. Eastern Division	12-18	7-7	5-11
Day Games	14-16	5-10	9-6
Night Games	38-32	21-14	17-18
Day Game After Night	8-14	2-9	6-5
Curve Score 1st	29-13	15-4	14-9
Opponent Scores 1st	23-35	11-20	12-15
Come From Behind Wins	30	14	16
vs. RH Starters	35-35	19-20	16-15
vs. LH Starters	17-13	7-4	10-9
Curve Starter 6.0 + IP	21-16	12-7	9-9
Curve Starter 7.0 + IP	12-4	7-3	5-1
Curve Starter 8.0 + IP	--	--	--
When Hitting a HR	25-14	10-6	15-9
When Not Hitting a HR	27-34	16-19	11-15
Outhit Opponent	30-11	18-3	12-8
Equal # of Hits	6-6	1-4	5-2
Outhit by Opponent	16-31	7-17	9-14
Curve 10+ Hits	22-8	11-5	11-3
Commit 0 Errors	31-24	15-11	16-13
Commit 1 Error	15-20	7-10	8-10
Commit 2+ Errors	6-4	4-3	2-1
Leading After 7th	39-3	21-1	18-2
Trailing After 7th	7-38	2-17	5-21
Tied After 7th	6-7	3-6	3-1
Leading After 8th	41-0	20-0	21-0
Trailing After 8th	3-39	1-18	2-21
Tied After 8th	5-3	3-2	2-1
Extra-Inning Games	5-1	3-0	2-1
Games Played on Same Day	5-7	3-5	2-2
Series Record	15-14-1	8-7-0	7-7-1
One-Run Games	17-16	10-6	7-10
Two-Run Games	10-10	6-8	4-2
3+Run Games	25-22	10-10	15-12
Shutout Record	9-9	3-3	6-6
April Record	12-12	4-7	8-5
May Record	11-17	6-6	5-11
June Record	19-9	11-6	8-3
July Record	10-11	5-5	5-6
August Record	--	--	--
September Record	--	--	--
Monday Record	5-7	1-5	4-2
Tuesday Record	6-11	4-4	2-7
Wednesday Record	6-8	2-5	4-3
Thursday Record	7-4	5-0	2-4
Friday Record	7-7	3-4	4-3
Saturday Record	12-7	6-4	6-3
Sunday Record	9-4	5-2	4-2
1st Game of Series	15-16	8-7	7-9
Last Game of Series	17-13	8-7	9-6
Rubber Game of Series	6-4	4-3	2-1
Getaway Day	10-6	1-0	9-6

VS. EASTERN LEAGUE OPPONENTS

	TOTAL	HOME	ROAD
vs. Akron	10-4	4-3	6-1
vs. Binghamton	6-4	3-2	3-2
vs. Bowie	2-5	1-2	1-3
vs. Erie	13-10	7-6	6-4
vs. Harrisburg	6-7	5-5	1-2
vs. Hartford	1-2	--	1-2
vs. New Hampshire	1-5	1-2	0-3
vs. Portland	3-4	2-1	1-3
vs. Reading	--	--	--
vs. Richmond	9-4	2-1	7-3
vs. Trenton	1-3	1-2	0-1
TOTALS	52-48	26-24	26-24

2019 STREAKS/OFFENSIVE SUPERLATIVES

10+ GAME HITTING STREAKS

Hunter Owen, 10 games, 5/26-6/7
Jared Oliva, 10 games, 7/13-7/22

15+ GAME ON-BASE STREAKS

Logan Hill, 16 games, 5/2-5/19
Mitchell Tolman, 17 games, 6/24-7/15

MULTI-HOMER GAMES

BACK-TO-BACK HOME RUNS
Hill & Owen, 6th inning, 5/15 @ BNG
Owen & Madris, 9th inning, 6/3 @ ERI

WALK-OFF WINNERS

Bligh Madris, RBI single (12th inning), 4/11 vs. AKR
Hunter Owen, two-run HR (9th inning), 6/1 vs. NH
Chris Sharpe, RBI single (9th inning), 6/29 vs. BNG (2)
Robbie Glendinning, two-run double (10th inning), 7/4 vs. ERI

FIRST-INNING LEADOFF HOME RUNS

Jared Oliva, 5/3 @ RIC

4+ HIT GAMES

Logan Hill, (4-for-5, HR, 2B), 4/8 @ ERI
Bralin Jackson, (4-for-5, 2B), 5/4 @ RIC
Jason Delay, (4-for-5, 3B), 5/4 @ RIC
Jason Delay, (4-for-4, 2 2B), 5/19 vs. HBG
Logan Hill, (4-for-4, 3B), 7/16 vs. TRN

4+ RBI GAMES

Hunter Owen, 5 RBI, 4/5 @ AKR
Hunter Owen, 4 RBI, 5/2 @ RIC
Jason Delay, 4 RBI, 5/10 vs. ERI
Chris Sharpe, 4 RBI, 6/30 vs. BNG
Jared Oliva, 5 RBI, 7/13 @ ERI
Logan Hill, 4 RBI, 7/17 vs. TRN

GRAND SLAMS

Hunter Owen, 4/5 @ AKR
Chris Sharpe, 6/30 vs. BNG

E.L. PLAYER OF THE WEEK AWARDS

Hunter Owen, 4/22-28

WINS TRAILING/TIED AFTER 8 INNINGS (SCORE)

4/11 vs. AKR (1-1), W 3-2, 12 innings
5/3 @ RIC (7-6), W 10-7
6/1 vs. NHM (3-2), W 4-3
6/3 @ ERI (8-3), W 9-8
6/29 vs. BNG (2), (3-3), W 4-3
7/4 vs. ERI (3-3), W 6-5, 10 innings
7/13 @ ERI (7-7), W 10-7, 10 innings
7/17 vs. TRN (5-4), W 6-5
7/21 @ BOW (6-6), W 8-6

2019 SEASON HIGHS/LOWS

TEAM MISCELLANEOUS

LONGEST WINNING STREAK..... 5 games, 4/4-4/8
LONGEST LOSING STREAK..... 6 games, 4/13-4/18
LARGEST MARGIN OF VICTORY..... 7 runs, 3x, last -- 5/16 vs. HBG
LARGEST MARGIN OF DEFEAT..... 10 runs, 2x, last -- 5/12 vs. ERI
LARGEST SHUTOUT WIN..... 7-0, 4/26 vs. RIC
LARGEST SHUTOUT LOSS..... 7-0, 2x, 4/13 vs. AKR (2) & 5/14 (1) @ BNG
LARGEST COMEBACK TO WIN..... 6 runs (6-0), 7/21 @ BOW
LONGEST GAME, TIME..... 3:26, 4/11 vs. AKR
LONGEST 9-INNING GAME TIME..... 3:19, 6/3 @ ERI
SHORTEST 9-INNING GAME TIME..... 1:56, 4/22 @ HBG
LONGEST 7-INNING GAME TIME..... 2:38, 4/13 vs. AKR (2)
SHORTEST 7-INNING GAME TIME..... 1:46, 5/14 @ BNG (1)
LONGEST GAME, INNINGS..... 12, 4/11 vs. AKR
LONGEST HOME GAME, INNINGS..... 12, 4/11 vs. AKR
LONGEST ROAD GAME, INNINGS..... 10, 2x, 7/13 @ ERI & 7/20 @ BOW
LARGEST CROWD, HOME..... 8,806, 7/4 vs. ERI
SMALLEST CROWD, HOME..... 2,171, 4/15 vs. HBG
LARGEST CROWD, ROAD..... 7,959, 4/18 @ RIC
SMALLEST CROWD, ROAD..... 651, 4/10 @ ERI
MOST ERRORS..... 4, 4/27 vs. RIC
MOST ERRORS BY OPPONENT..... 4, 2x, last - 5/2 @ RIC
MOST CONSECUTIVE GAMES WITHOUT AN ERROR..... 7, 4/5-4/11
MOST LOB..... 14, 2x, last -- 6/17 vs. HBG
FEWEST LOB..... 1, 4/29 vs. ERI

TEAM BATTING

MOST RUNS..... 10, 3x, last - 7/13 @ ERI
MOST RUNS, INNING..... 7, 3rd inning, 5/4 @ RIC
MOST HITS..... 17, 4/24 @ HBG
MOST HITS, INNING..... 6, 4th inning, 4/8 @ ERI
MOST HOME RUNS, GAME..... 3, 4x, 4/9 @ ERI, 5/15 @ BNG, 6/3 @ ERI & 6/30 vs. BNG
MOST HOME RUNS, INNING..... 2, 2x, 6th inning, 5/15 @ BNG & 9th inning, 6/3 @ ERI
MOST CONSECUTIVE GAMES WITH A HOME RUN..... 4, 5/14(2)-5/17
MOST DOUBLES, GAME..... 6, 2x, 4/24 @ HBG & 6/28 vs. BNG
MOST TRIPLES, GAME..... 2, 7/17 vs. TRN
MOST EXTRA-BASE HITS..... 7, 4/28 vs. RIC
MOST STOLEN BASES..... 4, 3x, 4/11 vs. AKR, 7/3 @ AKR & 7/7 vs. ERI
MOST STRIKEOUTS, 9-INNING GAME..... 18, 7/12 @ ERI*
MOST STRIKEOUTS, ALL GAMES..... 18, 7/12 @ ERI
MOST WALKS, ALL GAMES..... 10, 2x, 5/3 @ RIC & 7/14 @ ERI

TEAM PITCHING

MOST RUNS ALLOWED..... 14, 5/12 vs. ERI
MOST RUNS ALLOWED, INNING..... 8, 6th inning, 4/13 vs. AKR (2)
MOST HITS ALLOWED..... 15, 3x, last - 6/3 @ ERI
MOST HITS ALLOWED, INNING..... 7, 6th inning, 4/13 vs. AKR (2)
MOST HOME RUNS ALLOWED..... 4, 4/15 vs. HBG
MOST HOME RUNS ALLOWED, INNING..... 2, 5x, last - 5th inning, 5/5 @ RIC
MOST CONSECUTIVE GAMES ALLOWING A HOME RUN..... 7 games, 5/4-5/11
MOST STRIKEOUTS, 9-INNING GAME..... 13, 2x, 4/4 @ AKR & 5/22 @ NHM
MOST STRIKEOUTS, ALL GAMES..... 13, 2x, 4/4 @ AKR & 5/22 @ NHM
MOST BASES ON BALLS..... 9, 5/12 vs. ERI
MOST EXTRA-BASE HITS ALLOWED..... 7, 2x, 4/5 @ AKR & 7/20 @ BOW

INDIVIDUAL BATTING

MOST RUNS SCORED..... 3, 8x, last -- Jared Oliva, 7/17 vs. TRN
MOST HITS..... 4, 5x, last -- Logan Hill, 7/16 vs. TRN
MOST EXTRA-BASE HITS..... 3, Logan Hill, 4/8 @ ERI
MOST DOUBLES..... 2, 11x, last - Bligh Madris, 7/15 vs. TRN
MOST TRIPLES..... 2, Jared Oliva, 7/17 vs. TRN
MOST HOME RUNS..... 1, several
MOST TOTAL BASES..... 9, Logan Hill, 4/8 @ ERI
MOST RBI..... 5, Hunter Owen, 4/5 @ AKR & Jared Oliva, 7/13 @ ERI
MOST STOLEN BASES..... 2, 7x, last - Jared Oliva, 7/7 vs. ERI
MOST BASES ON BALLS..... 3, 4x, last - Logan Hill, 7/14 @ ERI
MOST TIMES REACHING BASE SAFELY..... 5, Alfredo Reyes, 5/8 vs. BOW
MOST STRIKEOUTS..... 4, 5x, last - Chris Sharpe, 7/7 vs. ERI
LONGEST HITTING STREAK..... 10 games, Hunter Owen, 5/26-6/7 & Jared Oliva, 7/13-7/22
LONGEST ON-BASE STREAK..... 17 games, Mitchell Tolman, 6/24-7/15
LONGEST RBI STREAK..... 5 games, Hunter Owen, 4/23-4/28

INDIVIDUAL PITCHING

MOST INNINGS PITCHED, STARTER..... 7.2, James Marvel, 6/19 vs. HBG
MOST INNINGS PITCHED, RELIEVER..... 5.0, Beau Sulser, 6/11 vs. POR
MOST HITS ALLOWED, STARTER..... 11, Dario Agrazal, 4/10 @ ERI
MOST HITS ALLOWED, RELIEVER..... 8, Beau Sulser, 5/31 vs. NH
MOST STRIKEOUTS, STARTER..... 10, Cam Vieaux, 5/22 @ NH
MOST STRIKEOUTS, RELIEVER..... 4, 7x, last - Blake Cedertind, 6/5 @ ERI
MOST BASES ON BALLS, STARTER..... 4, 2x, last - James Marvel, 5/12 vs. ERI
MOST BASES ON BALLS, RELIEVER..... 5, Yeudy Garcia, 5/12 vs. ERI
MOST EARNED RUNS ALLOWED, STARTER..... 8, James Marvel, 5/12 vs. ERI
MOST EARNED RUNS ALLOWED, RELIEVER..... 6, Tate Scioneaux, 4/13 vs. AKR (2)
MOST CONSECUTIVE SCORELESS IP..... 20.2, James Marvel, 4/15-5/1

MISCELLANEOUS STATS

2019 STARTS BY POSITION

Player	C	1B	2B	3B	SS	LF	CF	RF	DH
Alemais	--	--	--	--	12	--	--	--	--
Delay	46	--	--	--	--	--	--	--	--
Glendinning	--	--	1	17	19	--	--	--	3
Hill	--	9	--	--	--	33	--	1	31
Jackson	--	--	--	--	--	33	7	14	3
Madris	--	--	--	--	--	1	--	84	8
Ngoepe	--	--	--	--	11	--	--	--	--
Oliva	--	--	--	--	--	1	76	--	6
Owen	--	--	--	64	--	--	--	1	2
Pabst	54	--	--	--	--	--	--	--	--
Peurifoy	--	--	--	--	--	5	7	--	--
Pope	--	--	8	9	31	--	--	--	1
Reyes	--	3	9	8	13	--	8	--	--
Sharpe	--	--	--	--	--	27	3	--	1
Suiter	--	88	--	--	--	--	--	--	1
Tolman	--	--	82	2	--	--	--	--	5
Valerio	--	--	--	--	15	--	--	--	--

2019 STARTS BY BATTING ORDER

Player	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
Alemais	2	7	3	--	--	--	--	--	--
Delay	--	--	--	--	2	2	26	16	--
Glendinning	2	--	3	18	--	14	--	2	--
Hill	--	--	--	63	11	--	--	--	--
Jackson	4	18	6	1	3	5	4	12	4
Madris	1	6	39	--	30	17	--	--	--
Ngoepe	--	--	--	--	--	--	--	2	9
Oliva	44	5	33	--	--	--	--	--	--
Owen	--	2	4	--	50	11	--	--	--
Pabst	--	--	--	--	--	2	28	24	--
Peurifoy	1	--	--	--	--	--	--	1	10
Pope	4	4	--	--	--	--	3	25	13
Reyes	3	9	--	--	--	--	--	13	17
Sharpe	--	30	--	--	--	--	1	--	--
Suiter	--	--	11	18	4	45	11	--	--
Tolman	39	18	1	--	--	4	27	--	--
Valerio	--	1	--	--	--	--	--	5	9
Pitchers	--	--	--	--	--	--	--	--	39

ERRORLESS STREAKS

Player	Active Strk.	Last Error	Longest Streak
Alemais	12	--	12
Delay	21	5/31 vs. NHM	23
Glendinning	--	7/24 vs. ERI	15
Hill	7	6/8 vs. AKR (2)	26
Jackson	57	--	57
Madris	66	4/27 vs. RIC	66
Ngoepe	3	7/11 @ ERI	4
Oliva	77	--	77
Owen	5	6/12 vs. POR	22
Pabst	54	--	54
Pope	2	7/23 vs. ERI (2)	28
Peurifoy	13	--	13
Reyes	13	7/2 @ AKR	13
Sharpe	5	7/19 @ BOW	24
Suiter	8	7/7 vs. ERI	24
Tolman	1	7/23 vs. ERI (2)	24
Valerio	--	5/27 @ POR	15

OUTFIELD ASSISTS

17

Player	Total	Last Assist
Bralin Jackson	6	6/17 vs. HBG
Bligh Madris	4	7/4 vs. ERI
Jared Oliva	1	5/7 vs. BOW
Ryan Peurifoy	1	5/1 vs. ERI
Chris Sharpe	5	7/18 @ BOW

CATCHER'S BOX

26-88 (29.5%)

Player	Caught	Att.	Percent	Last CS
Pabst	18	45	40%	7/17 vs. TRN
Delay	8	43	19%	7/13 @ ERI

THE LAST TIME...

Altoona scored 10 or more runs (game).....10, 7/13/19 at Erie
 Altoona scored 10 or more runs (inning).....10, 8/7/10 at Harrisburg
 Altoona scored 15 or more runs (game).....18, 7/21/15 vs. Erie (G1)**
 Opponent scored 10 or more runs (game).....11, 7/19/19 at Bowie
 Opponent scored 10 or more runs (inning).....N/A
 Opponent scored 15 or more runs (game).....17, 9/3/18 at Bowie

Altoona collected 15+ hits in a game.....15, 6/23/19 at Hartford
 Altoona collected 20+ hits in a game.....24, 7/21/15 vs. Erie (1)*
 Opponent collected 15+ hits in a game.....15, 6/3/2019 at Erie
 Opponent collected 20+ hits in a game.....20, 9/3/18 at Bowie

Altoona hits an inside-the-park HR.....Will Craig, 4/10/18 vs. Harrisburg
 Altoona hits a walk-off HR.....Hunter Owen, 2-run home run, 6/1/19 vs. New Hampshire
 Altoona hits a pinch-hit HR.....Jonathan Schwind, 8/9/17 vs. Reading
 Altoona hits a grand slam.....Chris Sharpe, 6/30/19 vs. Binghamton
 Altoona hits back-to-back HRs.....Hunter Owen/Bligh Madris, 6/3/19 @ Erie
 Altoona hits leadoff HR to start game.....Jared Oliva, 5/3/19 at Richmond
 Altoona pitcher hits a HR.....Beau Sulser, 5/14/19 at Binghamton (2)

Opponent hits an inside-the-park HR.....Nick Noonan, 5/3/10 at Richmond
 Opponent hits a walk-off HR.....Tate Matheny, grand slam, 5/27/19 @ Portland
 Opponent hits a pinch-hit HR.....Art Charles, 6/11/15 at Reading
 Opponent hits a grand slam.....Tate Matheny, 5/27/19 @ Portland
 Opponent hits back-to-back HRs.....Chris Shaw/Jalen Miller, 5/5/19 at Richmond
 Opponent hits leadoff HR to start game.....Jeremy Rivera, 5/26/19 at Portland

Altoona batter hits for the cycle.....4/9/13, Andrew Lambo at Akron
 Altoona batter records 5+ hits in a game.....5, 15x, last - Wyatt Mathisen, 8/3/17 vs. Erie
 Altoona batter has 5+ RBI in a game.....5, Jared Oliva, 7/13/19 at Erie

Opponent batter hits for the cycle.....Lou Montanez, 8/1/08 vs. Bowie
 Opponent batter records 5+ hits in a game.....Juan Perez, 4/20/12 vs. Richmond
 Opponent batter has 5+ RBI in a game.....5, Kody Eaves, 7/13/19 at Erie

Altoona threw a no-hitter (9 IP) (one pitcher).....N/A
 Altoona threw a no-hitter (9 IP) (combined).....
E. Hollingsworth/J. Townsend/J. Ramos/R. Beckman, 7/25/13 at New Hampshire
 Altoona threw a no-hitter (7 IP) (combined).....N/A

Opponent threw a no-hitter (9 IP).....Casey Mize, 4/29/19 vs. Erie
 Opponent threw a no-hitter (9 IP) (combined).....
D. Crouthers/A. Mitchell/J. Sequea, 8/19/04 vs. Bowie
 Opponent threw a no-hitter (7 IP) (combined).....
C. James/C. Kimball/Z. Zinicola, 6/10/10 vs. Harrisburg (2)

Altoona threw a complete-game shutout (9 IP).....Mitch Keller, 9/7/17 at Bowie
 Altoona threw a complete-game shutout (7 IP).....Domingo Robles, 6/8/19 vs. Akron (1)
 Altoona threw back-to-back shutouts (team).....4/20 (1)-4/20 (2)/19 at Richmond

Opponent threw a complete-game shutout (9 IP).....Casey Mize, 4/29/19 vs. Erie
 Opponent threw a complete-game shutout (7 IP).....Anthony Kay, 5/14/19 @ Binghamton (2)
 Opponent threw back-to-back shutouts (team).....5/30-5/31/2014 vs. New Hampshire

Altoona wins in last at bat.....Chris Sharpe two-run HR, (9th), 7/21/19 @ Bowie
 Opponent wins in last at bat....Frank Schwindel reached on error, (10th), 7/23/19 vs. Erie (1)

Altoona swept double-header.....6/8/19 vs. Akron
 Opponent swept double-header.....7/23/19 vs. Erie

Altoona pitcher strikes out:
 10.....Cam Vieaux, 5/22/19 at New Hampshire
 11.....Mitch Keller, 9/1/17 vs. Harrisburg
 12+.....12, Tyler Glasnow, 7/27/15 at Akron

Opponent pitcher strikes out:
 10.....Tarik Skubal, 7/12/19 at Erie
 11.....Tarik Skubal, 7/7/19 vs. Erie
 12+.....12, Bryan Evans, 6/3/15 vs. New Britain

Altoona turns a triple play.....Chase d'Arnaud/Matt Hague (6-3), 5/27/10 at Akron
 Opponent turns a triple play.....Kellin Deglan/Kyle Holder (2-6), 7/15/19 vs. Trenton

* - Franchise Record
 ** - Tied Franchise Record

ERRORS BY POSITION (OUTFIELD ASSISTS)

59 E (.984 - 1ST), 97 DP (1ST)

Left Field		Center Field		Right Field	
Player	E (A)	Player	E (A)	Player	E (A)
Hill	2 (0)	Oliva	0 (1)	Jackson	0 (3)
Jackson	0 (3)	Peurifoy	0 (1)	Madris	2 (4)
Sharpe	1 (5)	Reyes	1 (0)	Hill	0 (0)
Suiter	0 (0)	Sharpe	0 (0)		
		Jackson	0 (0)		
Shortstop		Second Base		First Base	
Player	E	Player	E	Player	E
Alemais	0	Glendinning	0	Hill	1
Glendinning	5	Pope	1	Owen	0
Ngoepe	3	Reyes	1	Reyes	0
Pope	3	Tolman	10	Suiter	7
Owen	5				
Reyes	2				
Valerio	1				
Third Base		Catcher			
Player	E	Player	E (PB)		
Glendinning	3	Delay	1 (7)		
Owen	5	Pabst	0 (6)		
Pope	0				
Reyes	1				
Tolman	0				

2019 FIRST HALF GAME-BY-GAME

DATE	OPPONENT	TIME/RESULT	REC	PLACE G (+/-)	WINNER	LOSER	SAVE	TIME	GT	TEMP	ATT.
4/4	at Akron	W, 5-0	1-0	T-1st --	James Marvel (1-0)	Sam Hentges (0-1)	--	2:39	49	5,191	
4/5	at Akron	W, 7-6	2-0	1st +0.5	Dario Agrazal (1-0)	Luke Eubank (0-1)	Yeudy Garcia (1)	2:51	56	2,576	
4/6	at Akron	W, 2-0	3-0	T-1st --	Beau Sulser (1-0)	Sean Brady (0-1)	Matt Eckelman (1)	2:29	64	3,188	
4/7	at Akron	W, 3-2	4-0	1st +1.0	Vicente Campos (1-0)	Argenis Angulo (0-1)	Matt Eckelman (2)	2:34	72	4,838	
4/8	at Erie	W, 6-3	5-0	1st +1.0	Pedro Vasquez (1-0)	Logan Shore (0-1)	--	2:24	60	2,229	
4/9	at Erie	L, 4-3	5-1	T-1st --	Joe Navilhon (1-0)	James Marvel (1-1)	Edgar Jimenez (1)	2:27	50	895	
4/10	at Erie	L, 5-1	5-2	2nd -0.5	Matt Manning (2-0)	Dario Agrazal (1-1)	--	2:00	39	651	
4/11	Akron	W, 3-2 (12)	6-2	2nd -1.0	Tate Scioneaux (1-0)	Rob Kaminsky (0-1)	--	3:26	58	5,023	
4/12	Akron	-- PPD: RAIN - RESCHEDULED TO APRIL 13 --									
4/13 (1)	Akron	L, 7-0	6-3	2nd -2.0	Zach Plesac (1-0)	Scooter Hightower (0-1)	--	1:55	68	--	
4/13 (2)	Akron	L, 10-7	6-4	2nd -3.0	Luke Eubank (1-1)	Tate Scioneaux (1-1)	James Karinchak (1)	2:38	71	5,014	
4/14	Akron	-- PPD: RAIN - RESCHEDULED TO JUNE 8 --									
4/15	Harrisburg	L, 4-2	6-5	4th -3.5	Mario Sanchez (2-0)	Vicente Campos (1-1)	--	2:43	42	2,171	
4/16	Harrisburg	L, 2-1	6-6	4th -4.5	Erick Fedde (2-0)	Angel German (0-1)	James Bourque (2)	2:17	64	2,794	
4/17	Harrisburg	L, 2-0	6-7	4th -5.5	Sterling Sharp (2-1)	Cam Vieaux (0-1)	Joan Baez (1)	2:03	54	2,777	
4/18	at Richmond	L, 8-4	6-8	4th -6.5	Conner Menez (1-1)	Scooter Hightower (0-2)	--	2:31	80	7,959	
4/19	at Richmond	-- PPD: SEVERE WEATHER - RESCHEDULED TO APRIL 20 --									
4/20 (1)	at Richmond	W, 2-0	7-8	4th -6.5	James Marvel (2-1)	Garrett Williams (0-1)	--	2:03	67	--	
4/20 (2)	at Richmond	W, 1-0 (8)	8-8	T-3rd -6.0	Beau Sulser (2-0)	Melvin Adon (0-2)	Matt Eckelman (3)	1:51	63	7,164	
4/22	at Harrisburg	L, 1-0	8-9	T-3rd -7.0	Joan Baez (2-0)	Vicente Campos (1-2)	Aaron Barrett (4)	1:56	70	1,991	
4/23	at Harrisburg	L, 5-4	8-10	T-3rd -8.0	Dan Jennings (1-0)	Jake Brentz (0-1)	James Bourque (3)	2:30	73	1,864	
4/24	at Harrisburg	W, 10-5	9-10	3rd -7.5	Beau Sulser (3-0)	Sterling Sharp (2-2)	--	3:01	62	3,788	
4/26	Richmond	W, 7-0	10-10	3rd -7.0	James Marvel (3-1)	Garrett Williams (0-2)	--	2:24	52	2,967	
4/27	Richmond	L, 8-5	10-11	3rd -7.5	Melvin Adon (1-2)	Blake Weiman (0-1)	Rodolfo Martinez (1)	2:41	58	3,632	
4/28	Richmond	W, 8-6	11-11	2nd -7.5	Matt Eckelman (1-0)	Ryan Halstead (1-1)	Vicente Campos (1)	3:02	46	3,721	
4/29	Erie	L, 1-0	11-12	T-2nd -8.0	Casey Mize (1-0)	Cam Vieaux (0-2)	--	2:02	56	2,426	
4/30	Erie	W, 5-3	12-12	2nd -8.5	Scooter Hightower (1-2)	Matt Manning (2-1)	Matt Eckelman (4)	2:25 (:35)	67	2,486	
5/1	Erie	L, 3-1	12-13	T-3rd -8.5	Alex Faedo (2-1)	James Marvel (3-2)	Will Vest (1)	2:28	56	4,077	
5/2	at Richmond	W, 9-2	13-13	2nd -8.5	Pedro Vasquez (2-0)	Ryan Halstead (1-2)	--	2:53	85	6,417	
5/3	at Richmond	W, 10-7	14-13	2nd -7.5	Blake Weiman (1-1)	Franklin Van Gorp (0-1)	--	3:16	83	6,757	
5/4	at Richmond	W, 8-3	15-13	2nd -7.5	Cam Vieaux (1-2)	Sandro Cabrera (0-1)	--	2:48	85	6,475	
5/5	at Richmond	L, 6-0	15-14	3rd -8.0	Conner Menez (2-1)	Scooter Hightower (1-3)	--	2:01	73	4,317	
5/6	Bowie	L, 10-5	15-15	3rd -8.5	Hunter Harvey (1-2)	James Marvel (3-3)	--	2:38	72	3,671	
5/7	Bowie	W, 3-2	16-15	3rd -7.5	Pedro Vasquez (3-0)	Zac Lowther (2-3)	Matt Eckelman (5)	2:02	75	3,312	
5/8	Bowie	L, 12-2	16-16	3rd -7.5	Alex Wells (2-1)	Sean Brady (0-3)	--	2:50	62	8,074	
5/10	Erie	W, 8-4	17-16	3rd -6.5	Beau Sulser (4-0)	Francisco Perez (1-1)	--	2:46	70	4,191	
5/11	Erie	W, 2-1	18-16	2nd -6.0	Scooter Hightower (2-3)	Matt Manning (3-2)	Tate Scioneaux (1)	2:17	63	4,147	
5/12	Erie	L, 14-4	18-17	3rd -6.5	Logan Shore (2-2)	James Marvel (3-4)	--	2:51 (:33)	52	2,654	
5/13	at Binghamton	-- PPD: RAIN - RESCHEDULED TO MAY 14 --									
5/14 (1)	at Binghamton	L, 7-0	18-18	3rd -8.0	Anthony Kay (4-2)	Pedro Vasquez (3-1)	--	1:46	46	--	
5/14 (2)	at Binghamton	L, 5-1	18-19	3rd -9.0	Ryley Gilliam (2-0)	Blake Weiman (1-2)	--	2:11	46	1,584	
5/15	at Binghamton	W, 9-8	19-19	3rd -9.0	Sean Brady (1-3)	David Roseboom (1-1)	Angel German (1)	2:54	53	6,968	
5/16	Harrisburg	W, 8-1	20-19	3rd -8.0	Cam Vieaux (2-2)	Wil Crowe (4-2)	--	2:07	72	3,481	
5/17	Harrisburg	L, 7-5	20-20	3rd -9.0	Jackson Tetreault (2-1)	Scooter Hightower (2-4)	Aaron Barrett (9)	2:48	72	4,302	
5/18	Harrisburg	W, 8-2	21-20	2nd -8.0	James Marvel (4-4)	Sterling Sharp (4-3)	--	2:45	80	5,074	
5/19	Harrisburg	W, 6-4	22-20	2nd -7.0	Angel German (1-1)	Jacob Condra-Bogan (1-1)	Blake Weiman (1)	2:18 (:16)	82	4,673	
5/21	at New Hampshire	L, 5-0	22-21	T-2nd -7.0	Yennsy Diaz (4-3)	Sean Brady (1-4)	--	2:20	61	3,114	
5/22	at New Hampshire	L, 2-1	22-22	T-2nd -7.0	Hector Perez (3-2)	Cam Vieaux (2-3)	Bryan Baker (3)	2:25	70	3,276	
5/23	at New Hampshire	L, 7-2	22-23	3rd -7.0	Patrick Murphy (3-4)	Scooter Hightower (2-5)	--	2:33	67	5,539	
5/24	at Portland	L, 1-0	22-24	4th -8.0	Denyi Reyes (1-6)	James Marvel (4-5)	Jordan Weems (4)	2:12	61	7,368	
5/25	at Portland	L, 5-3	22-25	4th -8.0	Tanner Houck (4-4)	Matt Eckelman (1-1)	Brian Ellington (1)	2:22	73	7,052	
5/26	at Portland	W, 7-2	23-25	T-3rd -6.5	Sean Brady (2-4)	Brian Johnson (0-1)	--	2:35	76	7,368	
5/27	at Portland	L, 7-3	23-26	4th -7.5	Durbin Feltman (2-1)	Matt Eckelman (1-2)	--	3:02	72	7,040	
5/28	at Trenton	L, 6-5	23-27	4th -8.5	Trevor Lane (3-0)	Yeudy Garcia (0-1)	Daniel Alvarez (7)	2:26 (1:24)	79	4,020	
5/29	at Trenton	-- PPD: SEVERE WEATHER - RESCHEDULED TO MAY 30 --									
5/30 (1)	at Trenton	-- SUSPENDED: RAIN - TOP 3: CURVE 6, TRENTON 0 - RESCHEDULED TO JULY 30 AT 5 P.M.									
5/30 (2)	at Trenton	-- PPD: RAIN - RESCHEDULED TO AUGUST 1 --									
5/31	New Hampshire	L, 5-4	23-28	4th -9.5	Taylor Saucedo (2-0)	Joel Cesar (0-1)	Ty Tice (3)	2:44	76	5,365	
6/1	New Hampshire	W, 4-3	24-28	4th -8.5	Angel German (2-1)	Vinny Nitoli (0-1)	--	2:22	80	5,048	
6/2	New Hampshire	L, 4-1	24-29	4th -9.5	Patrick Murphy (4-5)	Domingo Robles (0-1)	Bryan Baker (4)	2:17	71	4,227	
6/3	at Erie	W, 9-8	25-29	4th -9.0	Vicente Campos (2-2)	Will Vest (1-3)	Angel German (2)	3:19	58	3,421	
6/4	at Erie	W, 3-0	26-29	4th -8.5	Pedro Vasquez (4-1)	Logan Shore (2-5)	Beau Sulser (1)	2:28	62	3,411	
6/5	at Erie	W, 6-2	27-29	T-3rd -8.5	Blake Cederlind (1-0)	Alex Faedo (3-4)	--	2:36 (1:39)	71	2,556	
6/7	Akron	L, 5-1	27-30	4th -8.5	Eli Morgan (4-0)	Sean Brady (2-5)	--	2:25	77	5,691	
6/8 (1)	Akron	W, 6-0	28-30	4th -8.0	Domingo Robles (1-1)	Evan Mitchell (0-1)	--	1:50	78	--	
6/8 (2)	Akron	W, 2-1	29-30	4th -8.0	James Marvel (5-5)	Jared Robinson (0-1)	Blake Weiman (2)	1:56	75	6,873	
6/9	Akron	W, 4-2	30-30	T-2nd -7.0	Pedro Vasquez (5-1)	Tanner Tully (5-5)	Matt Eckelman (6)	2:25	71	5,088	
6/11	Portland	W, 5-4	31-30	T-2nd -7.0	Joel Cesar (1-1)	Denyi Reyes (1-8)	Matt Eckelman (7)	2:21	72	4,157	
6/12	Portland	L, 6-1	31-31	T-3rd -7.0	Tanner Houck (6-4)	Sean Brady (2-6)	Adam Lau (3)	2:39	71	2,969	
6/13	Portland	W, 5-2	32-31	3rd -7.0	James Marvel (6-5)	Matthew Kent (1-2)	Matt Eckelman (8)	2:27 (1:19)	65	4,471	
6/14	at Binghamton	W, 6-2	33-31	T-2nd -6.0	Blake Cederlind (2-0)	Harol Gonzalez (3-2)	--	3:01	69	3,949	
6/15	at Binghamton	W, 5-1	34-31	2nd -6.0	Pedro Vasquez (6-1)	Luc Rennie (0-1)	--	2:18	70	2,107	
6/16	at Binghamton	-- PPD: RAIN - RESCHEDULED TO JUNE 29 --									
6/17	Harrisburg	L, 4-2	34-32	2nd -6.5	Ben Braymer (4-4)	Sean Brady (2-7)	Aaron Barrett (13)	2:52	71	2,507	
6/18	Harrisburg	W, 3-1	35-32	2nd -5.5	Beau Sulser (5-0)	Tyler Mapes (3-3)	Matt Eckelman (9)	2:19	76	3,174	

TRANSACTIONS

DATE	TRANSACTION
April	Pittsburgh Pirates announce 25-man Altoona Curve roster
April 1	INF Stephen Alemais assigned to extended spring training
April 4	INF Robbie Glendinning assigned to Double-A Altoona
April 5	OF Jared Otiva placed on the 7-day injured list (concussion)
April 6	OF Ryan Peurifoy assigned to Double-A Altoona from A-Adv. Bradenton
April 6	RHP Eduardo Vera promoted to Triple-A Indianapolis from Double-A Altoona
April 6	RHP Beau Sulser assigned to Double-A Altoona from A-Adv. Bradenton
April 7	RHP Gage Hinsz placed on the 7-day injured list (right forearm strain), retroactive to April 4
April 8	LHP Sean Keselica assigned to Double-A Altoona from Triple-A Indianapolis
April 11	INF Alfredo Reyes promoted to Triple-A Indianapolis from Double-A Altoona
April 11	INF Stephen Alemais assigned to Double-A Altoona from short-season West Virginia
April 15	OF Jared Otiva reinstated from 7-day injured list (concussion)
April 15	OF Ryan Peurifoy assigned to extended spring training from Double-A Altoona
April 18	INF Robbie Glendinning assigned to A-Adv. Bradenton from Double-A Altoona
April 18	INF Alfredo Reyes assigned to Double-A Altoona from Triple-A Indianapolis
April 20	INF Alfredo Reyes assigned to Triple-A Indianapolis from Double-A Altoona
April 20	OF Ryan Peurifoy assigned to Double-A Altoona from extended spring training
April 22	RHP Angel German assigned to extended spring training from Double-A Altoona
April 22	LHP Blake Weiman assigned to Double-A Altoona from extended spring training
April 26	INF Stephen Alemais placed on the 7-day injured list (right shoulder strain)
April 26	INF Adrian Valerio assigned to Double-A Altoona from A-Adv. Bradenton
April 28	RHP Dario Agrazal assigned to Triple-A Indianapolis from Double-A Altoona
April 28	RHP Angel German assigned to Double-A Altoona from extended spring training
May	
May 4	LHP Sean Keselica promoted to Triple-A Indianapolis from Double-A Altoona
May 4	OF Ryan Peurifoy assigned to extended spring training from Double-A Altoona
May 4	INF Alfredo Reyes assigned to Double-A Altoona from Triple-A Indianapolis
May 4	RHP Blake Cederlind assigned to Double-A Altoona from A-Adv. Bradenton
May 6	LHP Sean Brady signed as minor-league free agent and assigned to Double-A Altoona
May 6	LHP Jake Brentz promoted to Triple-A Indianapolis from Double-A Altoona
May 9	RHP Matt Eckelman promoted to Triple-A Indianapolis from Double-A Altoona
May 9	RHP Joel Cesar assigned to Double-A Altoona from A-Adv. Bradenton
May 16	RHP Matt Eckelman assigned to Double-A Altoona from Triple-A Indianapolis
May 16	RHP Tate Scioneaux placed on the 7-day injured list (left ankle sprain)
May 25	RHP Pedro Vasquez promoted to Triple-A Indianapolis from Double-A Altoona
May 25	OF Ryan Peurifoy assigned to Double-A Altoona from extended spring training
May 27	LHP Cam Vieaux promoted to Triple-A Indianapolis from Double-A Altoona
May 27	RHP Scooter Hightower placed on Temporary Inactive List (Personal)
May 27	RHP Austin Coley promoted to Double-A Altoona from A-Adv. Bradenton
May 27	RHP Ryan Valdes promoted to Double-A Altoona from A-Adv. Bradenton
May 27	INF Alfredo Reyes promoted to Triple-A Indianapolis from Double-A Altoona
May 27	LHP Domingo Robles promoted to Double-A Altoona from A-Adv. Bradenton
May 27	INF Alfredo Reyes assigned to Double-A Altoona from Triple-A Indianapolis
May 27	INF Adrian Valerio assigned to A-Adv. Bradenton from Double-A Altoona
May 27	RHP Ryan Valdes assigned to A-Adv. Bradenton from Double-A Altoona
June	
June 1	RHP Pedro Vasquez assigned to Double-A Altoona from Triple-A Indianapolis
June 12	LHP Elvis Escobar assigned to Double-A Altoona from Extended Spring Training; placed on 7-day injured list
June 13	OF Logan Hill promoted to Triple-A Indianapolis from Double-A Altoona
June 13	INF Robbie Glendinning promoted to Double-A Altoona from A-Adv. Bradenton
June 18	LHP Blake Weiman promoted to Triple-A Indianapolis from Double-A Altoona
June 18	LHP Brandon Waddell assigned to Double-A Altoona from Triple-A Indianapolis
June 20	INF Hunter Owen promoted to Triple-A Indianapolis from Double-A Altoona
June 20	OF Chris Sharpe promoted to Double-A Altoona from A-Adv. Bradenton
June 20	RHP Scooter Hightower assigned to A-Adv. Bradenton from Double-A Altoona
June 20	RHP Vicente Campos released from Double-A Altoona
June 20	RHP Tate Scioneaux reinstated from 7-day injured list (left ankle sprain) and released from Double-A Altoona
June 22	RHP Jesus Liranzo assigned to Double-A Altoona from Triple-A Indianapolis
June 22	RHP Blake Cederlind placed on Temporary Inactive List (Bereavement)
June 26	RHP Cody Bolton promoted to Double-A Altoona from A-Adv. Bradenton
June 26	OF Ryan Peurifoy assigned to A-Adv. Bradenton from Double-A Altoona
June 29	INF Gift Ngoepe signed as minor-league free agent and assigned to Double-A Altoona
July	
July 1	RHP James Marvel promoted to Triple-A Indianapolis from Double-A Altoona

2019 SECOND HALF GAME-BY-GAME

DATE	OPPONENT	TIME/RESULT	REC	PLACE G (+/-)	WINNER	LOSER	SAVE	TIME	GT TEMP	ATT.
6/19	Harrisburg	W, 3-1	36-32 (1-0)	T-1st --	James Marvel (7-5)	Steven Fuentes (3-2)	Matt Eckelman (10)	2:24 (:32)	73	4,488
6/21	at Hartford	L, 7-6	36-33 (1-1)	T-4th -1.5	Mitch Horacek (1-0)	Joel Cesar (1-2)	Logan Cozart (5)	2:29	75	6,658
6/22	at Hartford	L, 7-3	36-34 (1-2)	T-4th -2.5	Mitch Horacek (2-0)	Austin Coley (0-1)	--	2:37	76	6,850
6/23	at Hartford	W, 6-1	37-34 (2-2)	4th -2.0	Sean Brady (3-7)	Jack Wynkoop (5-8)	--	2:11	81	6,850
6/24	at Richmond	W, 5-2	38-34 (3-2)	4th -1.0	Beau Sulser (6-0)	Frank Rubio (0-1)	Matt Eckelman (11)	2:53	91	6,802
6/25	at Richmond	W, 5-1	39-34 (4-2)	3rd -1.0	James Marvel (8-5)	Caleb Baragar (2-1)	--	2:38	87	4,628
6/26	at Richmond	L, 6-2	39-35 (4-3)	4th -2.0	Brandon Beachy (3-3)	Cody Bolton (0-1)	--	2:44	89	3,808
6/27	Binghamton	W, 6-3	40-35 (5-3)	3rd -2.5	Domingo Robles (2-1)	Andrew Chruch (0-2)	Matt Eckelman (12)	2:02	88	4,398
6/28	Binghamton	L, 7-5	40-36 (5-4)	4th -2.5	Eric Hanhold (1-0)	Angel German (2-2)	--	2:38	88	6,861
6/29 (1)	Binghamton	L, 2-1	40-37 (5-5)	4th -3.5	Mickey Jannis (4-1)	Brandon Waddell (0-1)	Stephen Villines (5)	1:56 (:45)	75	--
6/29 (2)	Binghamton	W, 4-3 (9)	41-37 (6-5)	4th -3.0	Jesus Liranzo (1-0)	Joseph Shaw (0-3)	--	2:34	74	5,244
6/30	Binghamton	W, 8-5	42-37 (7-5)	T-3rd -3.0	James Marvel (9-5)	Austin McGeorge (0-3)	Matt Eckelman (13)	2:26	83	6,044
7/1	at Akron	W, 5-4	43-37 (8-5)	3rd -3.0	Beau Sulser (7-0)	Kyle Nelson (1-2)	Matt Eckelman (14)	2:32	85	3,174
7/2	at Akron	L, 7-2	43-38 (8-6)	3rd -4.0	Jake Paulson (6-5)	Domingo Robles (2-2)	Robert Broom (1)	2:56 (35)	72	3,408
7/3	at Akron	W, 6-4	44-38 (9-6)	3rd -4.0	Joel Cesar (2-2)	Jordan Stephens (1-1)	Matt Eckelman (15)	2:33	82	7,478
7/4	Erie	W, 6-5 (10)	45-38 (10-6)	3rd -3.0	Austin Coley (1-1)	Will Vest (2-4)	--	2:51	75	8,806
7/5	Erie	W, 3-0	46-38 (11-6)	3rd -2.0	Brandon Waddell (1-1)	Joe Navilhon (1-2)	Beau Sulser (2)	2:47	74	4,573
7/6	Erie	--	PPD: RAIN - RESCHEDULED TO JULY 23 --							
7/7	Erie	W, 3-2	47-38 (12-6)	3rd -2.5	Blake Cederlind (3-0)	Anthony Castro (3-2)	Matt Eckelman (16)	2:37	80	4,189
7/11	at Erie	L, 5-3	47-39 (12-7)	3rd -3.5	Logan Shore (3-7)	Sean Brady (3-8)	--	2:21	76	2,529
7/12	at Erie	W, 1-0	48-39 (13-7)	3rd -3.5	Brandon Waddell (2-1)	Tarik Skubal (0-1)	Matt Eckelman (17)	2:19	74	4,547
7/13	at Erie	W, 10-7 (10)	49-39 (14-7)	T-2nd -2.5	Jesus Liranzo (2-0)	Drew Carlton (1-3)	--	2:56	85	3,896
7/14	at Erie	L, 6-5	49-40 (14-8)	3rd -3.5	Zac Houston (3-1)	Angel German (2-3)	--	3:01	73	3,579
7/15	Trenton	L, 4-3	49-41 (14-9)	3rd -4.5	Andrew Bellatti (1-0)	Austin Coley (1-2)	Brady Lail (1)	2:52	85	3,533
7/16	Trenton	L, 4-2	49-42 (14-10)	3rd -5.5	Albert Abreu (5-7)	Beau Sulser (7-1)	Daniel Alvarez (12)	2:22	86	6,147
7/17	Trenton	W, 6-5	50-42 (15-10)	3rd -4.5	Angel German (3-3)	James Reeves (3-2)	Matt Eckelman (18)	3:02	81	3,319
7/18	at Bowie	L, 1-0	50-43 (15-11)	3rd -5.5	Dean Kremer (6-4)	Joel Cesar (2-3)	Jay Flaa (1)	2:05	86	1,775
7/19	at Bowie	L, 11-3	50-44 (15-12)	3rd -6.5	Zac Lowther (11-5)	Domingo Robles (2-3)	--	2:21	94	4,529
7/20	at Bowie	L, 7-6 (10)	50-45 (15-13)	3rd -7.5	Dillon Tate (2-3)	Matt Eckelman (1-3)	--	2:53	95	4,381
7/21	at Bowie	W, 8-6	51-45 (16-13)	3rd -6.5	Austin Coley (2-2)	Zach Muckenhirn (2-3)	--	2:25	97	2,130
7/22	Erie	W, 4-1	52-45 (17-13)	3rd -7.0	Brandon Waddell (3-1)	Alex Faedo (5-6)	Joel Cesar (1)	2:43 (:56)	71	3,173
7/23	Erie (1)	L, 4-3 (10)	52-46 (17-14)	3rd -7.5	Ethan DeCaster (2-1)	Matt Eckelman (1-4)	Nolan Blackwood (1)	2:46 (2:27)	77	--
7/23	Erie (2)	L, 3-1	52-47 (17-15)	3rd -8.0	Logan Shore (4-7)	Nick Economos (0-1)	Drew Carlton (11)	1:55	64	4,570
7/24	Erie	L, 7-4	52-48 (17-16)	3rd -9.0	Kyle Funkhouser (2-1)	Domingo Robles (2-4)	--	2:44	74	4,623
7/25	Richmond	6:30 p.m.								
7/26	Richmond	7 p.m.								
7/27	Richmond	6 p.m.								
7/28	Richmond	6 p.m.								
7/30	at Trenton	7 p.m.								
7/31	at Trenton	7 p.m.								
8/1 (1)	at Trenton	5 p.m.								
8/1 (2)	at Trenton	Game 2								
8/2	at Reading	7:10 p.m.								
8/3	at Reading	6:45 p.m.								
8/4	at Reading	5:15 p.m.								
8/5	Richmond	6:30 p.m.								
8/6	Richmond	6:30 p.m.								
8/7	Richmond	6:30 p.m.								
8/8	Richmond	6:30 p.m.								
8/9	Reading	7 p.m.								
8/10	Reading	6 p.m.								
8/11	Reading	6 p.m.								
8/13	at Harrisburg	6:30 p.m.								
8/14	at Harrisburg	6:30 p.m.								
8/15	at Harrisburg	7 p.m.								
8/16	Bowie	7 p.m.								
8/17	Bowie	6 p.m.								
8/18	Bowie	6 p.m.								
8/19	Hartford	6:30 p.m.								
8/20	Hartford	6:30 p.m.								
8/21	Hartford	6:30 p.m.								
8/22	at Bowie	7:05 p.m.								
8/23	at Bowie	7:05 p.m.								
8/24	at Bowie	6:35 p.m.								
8/25	at Bowie	1:35 p.m.								
8/26	Akron	6 p.m.								
8/27	Akron	6 p.m.								
8/28	Akron	6 p.m.								
8/29	Akron	6 p.m.								
8/30	at Harrisburg	7 p.m.								
8/31	at Harrisburg	6 p.m.								
9/1	at Harrisburg	1 p.m.								
9/2	at Harrisburg	Noon								

UNIVERSITY ORTHOPEDICS INJURY REPORT

Player	Injury	Placed (Retro)	Reinstated	Player	Injury	Placed (Retro)	Reinstated
OF Jared Oliva	Concussion	4/5	4/15	RHP Tate Scioneaux	Left ankle sprain	5/16	6/20
RHP Gage Hinsz	Right forearm strain	4/7 (4/4)	--	OF Bralin Jackson	Left ankle sprain	7/5	7/19
SS Stephen Alemais	Right shoulder strain	4/26	--	INF Jerrick Suiter	Right groin strain	7/19	--

2019 MLB DEBUTS BY CURVE ALUMNI

March 28	RHP Connor Joe (2017 Curve) San Francisco at San Diego	April 25	LHP Taylor Hearn (2018 Curve) Texas at Seattle	May 25	LHP Josh Smith (2015-16 Curve) Tampa Bay at Cleveland
April 6	OF Jason Martin (2018 Curve) Cincinnati at Pittsburgh	May 9	RHP Montana DuRapau (2015-18 Curve) Pittsburgh at St. Louis	May 27	RHP Mitch Keller (2017-18 Curve) Pittsburgh at Cincinnati
April 20	INF Cole Tucker (2017-18 Curve) San Francisco at Pittsburgh	May 11	OF Harold Ramirez (2016 Curve) Miami at New York (NL)	June 15	RHP Dario Agrazal (2017-19 Curve) Pittsburgh at Miami
April 20	OF Bryan Reynolds (2018 Curve) San Francisco at Pittsburgh	May 18	RHP Geoff Hartlieb (2018 Curve) Pittsburgh at San Diego	July 13	RHP Luis Escobar (2018 Curve) Pittsburgh at Chicago (NL)