



GAME NOTES



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ALTOONACURVEBASEBALL

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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



August 2, 2019 -- Game #110, Second Half Game #42, Road Game #56
Altoona Curve (55-54, 19-22) vs. Reading Fightin Phils (64-46, 25-18)
LHP Sean Brady (3-9, 4.85) vs. RHP Spencer Howard (0-0, 1.93)
7:10 p.m. | FirstEnergy Stadium | Reading, Pa.
Radio -- WRTA 98.5 FM & Curve Radio Network | TV -- MiLB.TV

UPCOMING GAMES & PITCHING PROBABLES

Sat., August 3	at Reading	6:45 p.m.	RHP Cody Bolton (1-1, 4.91) vs. LHP David Parkinson (7-7, 3.31)
Sun., August 4	at Reading	5:15 p.m.	LHP Domingo Robles (2-5, 5.06) vs. RHP Adonis Medina (6-5, 4.57)
Mon., August 5	Richmond	6:30 p.m.	TBD vs. RHP Nick Economos (0-2, 9.00)
Tues., August 6	Richmond	6:30 p.m.	TBD vs. RHP Pedro Vasquez (6-3, 2.83)

THE LAST TIME OUT: In a double-header in Trenton on Thursday, the Curve and Thunder split the two contests that concluded their season series. Thunder right-hander Brian Keller threw the Eastern League's eighth no-hitter of 2019 in the first game and led Trenton to a 2-0 win in the first game. His only blemish was a lead-off walk to Logan Hill in the second inning. **Pedro Vasquez** pitched all six innings for the Curve but was scored on twice, once on a sacrifice fly in the second and a Ben Ruta double in the third plated the second run. In game two, the Curve hammered a pair of home runs to lead to a 4-2 victory. Chris Gittens hit a two-run double off **Beau Sulser** in the first but Hill responded in the second with a solo homer. **Darnell Sweeney** socked a two-run blast to right in the third that lifted Altoona to their first lead of the day. **Brett Pope** added an RBI single for good measure during the seventh. Sulser matched a career-best five innings for his eighth win while **Matt Eckelman** earned his 20th save of 2019.

TODAY'S GAME: Altoona and Reading meet for the first time on the 110th game of the Curve season. The two clubs will play their entire six-game season series in a 10-day period on back-to-back weekends. The Curve will host the R-Phils on August 9-11 at PNG Field. In 2018, Altoona took the season series 6-4.

THE CURVE: The Curve have lost 9 of 12 and are 5-15 since July 14. Altoona went 25-10 from June 3-July 13 to climb from a season-low five games under .500 (24-29) to a season-best 10 games over (.49-.39). Between games of Thursday's double-header in Trenton, the Curve stood at .500 for the first time since they were 31-31 on June 12. In July, the team went 11-16 and ended with the third losing July in club history and the first time since 2011. 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 FIGHTIN PHILS: Reading has the best record in the Eastern League and fourth-best in Double-A. Leading the Eastern Division in the Second Half, the R-Phils were defeated by a tie-breaker in the First Half by Trenton for the first ticket to the postseason. After a day off on Thursday, Reading comes home after 3-5 road trip to New Hampshire and Bowie. Offensively, Reading ranks 10th in the E.L. with a .234 batting average and .237 average with runners in scoring position but are tied for first with 88 homers and second with 94 stolen bases. From a pitching perspective, the Fightin Phils' 9.5 SO/9 IP and 999 total strikeouts is the best in the league with the fifth-best ERA (3.54) and third-lowest bullpen ERA (2.96). Reading's last league title was captured in 2001 last reached the playoffs in 2016 and were defeated by Trenton in the ELDS.

FOR ALTOONA: Left-handed pitcher **Sean Brady** will make his 16th start for the Curve and 21st start overall in 2019. He threw seven innings and was handed a losing decision in his last start on July 26 versus Richmond and held the Flying Squirrels to one run over his first five innings before a three-run sixth and one more passed in the seventh. Brady has pitched at FirstEnergy twice in his career, each with Akron in 2018, including a seven-inning, two-run effort of a winning nod on June 16. He spent the first six years of his professional career in the Indians organization and was released by Cleveland on May 1 and signed with the Pirates on May 6. He was originally drafted by the Indians in the fifth round of the 2013 draft out of high school...*For more on Brady, see page two.*

FOR READING: Right-hander Spencer Howard makes his second Double-A start after he fanned 10 over 4.2 innings in New Hampshire in his debut on July 26. Howard opened 2019 with A-Adv. Clearwater and landed on the injured list after a strong April in which he struck out 30 over 20 innings, holding opponents to five runs. He returned to the Threshers on July 8 after a pair of tune-up outings in the GCL before his promotion to Reading. In 2018, Howard spent the entire season with Class A Lakewood and went 9-8 with a 3.78 ERA and struck out 147 hitters in 112 innings. He also threw a nine-inning no-hitter in the South Atlantic League playoffs against Kannapolis (White Sox) in which he walked one and fanned nine. The Phillies drafted Howard with the 45th overall pick in 2017 out of Cal Poly San Luis Obispo and is Philadelphia's No. 5 overall prospect.

YEAR OF THE PITCHER: Brian Keller's no-hitter against the Curve during Thursday's double-header in Trenton was the Eastern League's eighth in 2019, the most since a league record nine no-nos occurred in 1967. Eastern League pitchers in 2019 have handcuffed hitters to a .239 league-wide batting average with teams scoring 3.98 runs per game. The last season the league average finished below .240 and few fewer than 4.0 runs were scored per game was in 1971 (.234/3.57). The league average has finished under .240 just five times since becoming a Double-A league in 1963: 1971 (.234), 1968 (.219), 1967 (.228), 1966 (.234) and 1965 (.236). Strikeouts have also spiked to 8.7 SO/9 IP, the highest ratio in league history going back to the earliest data available in 1965. Strong pitching has created a blistering, nine-inning game pace of 2:37:00, making the Eastern League the fastest in professional baseball.

BRAKE MEN: Altoona's bullpen has been a lockdown unit since mid-June, owning a 2.32 ERA (39 ER/151 IP) over 45 games since June 12. Curve relievers have not allowed an earned over their last four games and 12.1 innings since July 27 and own a 1.93 ERA (8 ER/37.1 IP) in the last 12 games worked since July 22.

CRUZ CONTROL: One of baseball's top prospects, **Oneil Cruz**, joined the Curve on Tuesday, nearly two years to the day after he was acquired as an 18-year-old from the Los Angeles Dodgers in a trade for former Curve pitcher Tony Watson. Cruz is the 11th 20-year-old to play for the Curve and the first since Cole Tucker made his Double-A debut on July 20, 2017. Cruz was limited to 35 games for A-Adv. Bradenton due to a right-foot fracture in late April but he still hammered seven homers the Marauders. Since he was activated from the injured list on June 30 until his promotion, Cruz led the Florida State League with six homers in 24 games with a .330 (31/94) average, 13 RBIs and 18 runs.

J.O. KEEPS HITTING: **Jared Oliva** finished July with a league-best .388 (40/103) batting average, 40 hits and 13 steals. Over his last 21 games since July 13, he has 10 multi-hit games and hit safely in 18 contests with a .358 (29/81) average. Going back to June 3, Oliva has raised his batting average from a season-low .188 to .283, seventh-best in the E.L., by hitting safely in 47 of 54 games at a .352 (70/199) pace and .420 on-base percentage, both the highest rates in the league over that period. In the stolen base department, Oliva ranks second on the E.L. circuit and first in the Pirates system with 30 steals for the year and is the ninth player in club history to surpass 30 stolen bases in a single season.

BIG FLY BLIGH: Out of seven total home runs hit by **Bligh Madris**, five have been either go-ahead or game-tying homers in Curve wins. He has also connected on 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 10th in the E.L. and sixth in the Pirates system with 95 hits and is second on the club with 27 multi-hit games to go with a career-best 21 doubles.

TOLMAN AT THE TOP: Since taking over the leadoff role on June 19, **Mitchell Tolman** has reached base in 34 of 38 games while hitting .264 (37/140). Since the start of the Second Half, Tolman has scored a league-high 29 runs scored, drawn the second-most walks with 24 and ranks fourth with a .387 on-base percentage.

PRODUCING AFTER PROMOTIONS: **Robbie Glendinning** and **Chris Sharpe**, a pair of 2019 Florida State League All-Stars, have given the lineup a boost since their mid-June promotions from A-Adv. Bradenton. Glendinning ranks sixth in the league with 25 RBIs in 43 games since his June 13 promotion and currently leads all Pirates minor leaguers with a .298 batting average and .366 on-base percentage while ranking second with 99 hits between the two levels. Since Sharpe's June 21 debut for the Curve, the outfielder leads the E.L. with 27 runs scored and is fourth with six homers and fifth with 23 RBIs. Each player has also contributed a walk-off hit since joining the team.

PROSPECT WATCH: The Curve active roster features three of *Baseball America's* Top 30 Pirates prospects with infielder **Oneil Cruz** (No. 3), 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 while Cruz is regarded as the organization's "Best Power Hitter" and "Best Infield Arm". After the latest MLB.com Mid-Season update, four Top 30 Pirates prospects are in Altoona with Cruz (No. 3), Oliva (No. 11), Bolton (No. 13) and right-handed reliever **Blake Cederlind** (No. 29). Across all of baseball, Cruz is ranked by *Baseball America* as their No. 79 overall prospect and No. 12 shortstop while MLB.com rates the 20-year-old as the No. 62 prospect in baseball and their No. 9 prospect.

2019 E.L. WESTERN STANDINGS

Team	2nd Half	Overall	GB	Today
Erie	31-11	62-46	--	vs. NHH
Bowie	29-11	59-49	1.0	vs. POR
x-Harrisburg	18-21	60-49	11.5	vs. RIC
Altoona	19-22	55-54	11.5	@ REA
Richmond	16-24	39-68	14.0	@ HBG
Akron	15-26	49-61	15.5	vs. BNG

2019 E.L. EASTERN STANDINGS

Team	2nd Half	Overall	GB	Today
Reading	25-18	64-46	--	vs. ALT
Portland	20-21	47-61	4.0	@ BOW
Binghamton	21-23	56-52	4.5	@ AKR
x-Trenton	20-23	58-51	5.0	@ HFD
Hartford	17-23	54-53	6.5	vs. TRN
New Hamp.	17-25	48-61	7.5	@ ERI

2019 CURVE AT A GLANCE

Overall Record	55-54
First Half	36-32
Second Half	19-22
Home	27-27
Road	28-27
Place (E.L. Western)	T-3rd
Games Ahead/Behind	-11.5
Streak	W1
Last 5	1-4
Last 10	2-8
All-Time Record	1,489-1,442

2019 vs. Reading	0-0
at Altoona.....	0-0
at Reading.....	0-0
All-time vs. Reading	143-153
at Altoona.....	80-70
at Reading.....	63-83

'19 Home Attendance	222,193
Home Openings	50
Average Attendance	4,444

CURVE LEAGUE RANKINGS

Runs Per Game	3.93 (8th)
Average242 (5th)
RISP250 (6th)
Home Runs	65 (11th)
Stolen Bases	74 (8th)
ERA	3.65 (8th)
Starter ERA	4.02 (9th)
Reliever ERA	3.11 (T-6th)
Strikeouts/9 IP	7.2 (12th)
Walks/9 IP	2.9 (3rd)
Home Runs Allowed	90 (11th)

ON THE ROAD TRIP

Games	4
Record	1-3

Average175 (18/103)
Runs/Runs Per Game	9/2.3
Home Runs	2
RISP143 (2/14)
Errors	2

ERA	4.61 (14 ER/27.1 IP)
Starter W-L	1-3
Starter ERA	6.10 (14 ER/20.2 IP)
Reliever W-L	0-0
Reliever ERA	0.00 (0 ER/6.2 IP)
Saves/Opps	1/1

BROADCAST INFORMATION



Garrett 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

PITCHER NOTES

#32 Angel German Bats: Right Throws: Right Ht/Wt: 6-4/241

LAST OUTING: 7/31 @ TRN	MOST K: 3, 4x, last - 7/23 vs. ERI (1)	SAVE OPPS: 2/3
LONG OUTING (PEN): 3.0, 7/23 vs. ERI (1)	MOST BB: 4, 5/15 @ BNG	INHERITED/STRANDED: 4/2 (50%)
LAST WIN: 7/17/19 (ALT vs. TRN)	SCORELESS STREAK: 7.2, 7/23-pres.	FIRST BATTER RETIRED %: 23/30 (77%)
LAST SAVE: 6/3/19 (ALT @ ERI)	LONG SCORELESS STK: 10.1, 5/15-6/22	CURVE RECORD WHEN PITCHING: 13-17
LAST HR ALLOWED: 7/20/19 (ALT @ BOW) (Y. Diaz)		ACQUIRED: Trade (2017) - LAD

- **CURRENT NOTES:** Has logged 15 scoreless outings over last 20 games with a 2.36 ERA (7 ER/26.2 IP) and 27 strikeouts since 5/19
 - **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, totalling 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 Yusieli 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

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/31 @ TRN	-	2.2	2	0/0	1/0
7/27 v. RIC	-	2.0	0	0/0	1/0
7/23 v. ERI(1)-	-	3.0	2	0/0	3/0

- **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

#49 Jesus Liranzo (@TheSushi07) Bats: Right Throws: Right Ht/Wt: 6-2/225

LAST OUTING: 7/27 vs. RIC	MOST K: 2, 7/4 vs. ERI	SAVE OPPS: 0/2
LONG OUTING (PEN): 2.0, 3x, last -- 7/27 vs. RIC	MOST BB: 3, 2x, last -- 7/17 vs. TRN	INHERITED/STRANDED: 6/4 (67%)
LAST WIN: 7/13/19 (ALT @ ERI)	SCORELESS STREAK: 1.1, 7/27-pres.	FIRST BATTER RETIRED %: 9/11 (82%)
LAST SAVE: 4/10/19 (IND @ TOL)	LONG SCORELESS STK: 8.1, 7/4-7/27	CURVE RECORD WHEN PITCHING: 5-6
LAST HR ALLOWED: 6/12/19 (IND @ BUF) (S. Brito)		ACQUIRED: Waivers - LAD (2018)

- **CURRENT NOTES:** In 20 games with Altoona in 2018-19, he is 2-1 with a 0.34 ERA (1 ER/26.1 IP), 27 strikeouts and 15 hits allowed... Has allowed just three hits and two unearned runs in 10.0 IP over last six games
 - **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

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/27 v. RIC	L(1)	2.0	3	2/0	1/0
7/25 v. RIC	-	1.0	0	0/0	1/0
7/23 v. ERI(2)-	-	1.1	1	0/0	1/1

- **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 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

#39 Cody Ponce (@Cody_Ponce48) Bats: Right Throws: Right Ht/Wt: 6-6/240

LAST OUTING: --	MOST K: --	SAVE OPPS: --
LONG OUTING (PEN): --	MOST BB: --	INHERITED/STRANDED: --
LAST WIN: 5/26/19 (BLX @ MOB)	SCORELESS STREAK: --	FIRST BATTER RETIRED %: --
LAST SAVE: 7/5/19 (BLX @ MIS)	LONG SCORELESS STK: --	CURVE RECORD WHEN PITCHING: --
LAST HR ALLOWED: 7/28/19 (BLX vs. JXN) (D. Ellis)		ACQUIRED: Trade - MIL (2019)

- **CURRENT NOTES:**
 - **2019 NOTES:** Began the season in Brewers Extended Spring Training... First season used exclusively out of the bullpen... Reported to Double-A Biloxi on 5/4... Threw 16 scoreless outings for Shuckers and was 1-0 with a 1.74 ERA through his first 21 outings through 7/5... Traded to the Pirates from the Brewers for RHP Jordan Lyles on 7/29... Assigned to Double-A Altoona on 7/31
 - **CAREER NOTES:** Acquired by the Pittsburgh Pirates in a trade from the Milwaukee Brewers on 7/29/19 for RHP Jordan Lyles... Ranked by MLB.com as Milwaukee's No. 14 prospect entering the 2018 season... Began 2019 as the Brewers' No. 26 prospect by Baseball America... Drafted by Milwaukee in the second round (55th overall) in the 2015 draft out of Cal Poly Pomona... College teammates with 2018 Curve catcher Christian Kelley... Went 14-9 with a 2.06 ERA in 182 innings for the Broncos... Debuted with Rookie-level Helena and was moved up to Class A Wisconsin for 12 games (seven starts) in 2017, going 2-1 with a 2.29 ERA overall... 2016 season delay until June due to forearm strain... 2017 Carolina League All-Star for A-Adv. Carolina, going 8-8 with a 3.38 ERA in 22 starts... Made Double-A debut for Biloxi on 8/25/17 and threw 6.1 scoreless, two-hit innings for a win versus Mobile... Opened 2018 in the Shuckers rotation before transitioning into a relief role... Went 4-1 with a 3.57 ERA (16 ER/40.1 IP) out of the bullpen with 44 strikeouts compared to a 4.94 ERA in 11 starts... Overall, went 7-6 with a 4.36 ERA in 29 outings

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
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#27 Beau Sulser Bats: Right Throws: Right Ht/Wt: 6-2/195

LAST OUTING: 7/24 vs. ERI	MOST K: 4, 3x, last -- 6/24 @ RIC	SAVE OPPS: 2/3
LONG OUTING (PEN): 5.0, 6/11 vs. POR	MOST BB: 2, 2x, last -- 6/24 @ RIC	INHERITED/STRANDED: 5/4 (80%)
LAST WIN: 7/1/19 (ALT @ AKR)	SCORELESS STREAK: 0.1, 7/24-pres.	FIRST BATTER RETIRED %: 19/24 (79%)
LAST SAVE: 7/5/19 (ALT vs. ERI)	LONG SCORELESS STK: 16.0, 4/6-5/6	CURVE RECORD WHEN PITCHING: 14-10
LAST HR ALLOWED: 7/24/19 (ALT vs. ERI) (D. Pinero)		ACQUIRED: 10th Round (2017) - Dartmouth

- **CURRENT NOTES:** Tied for fourth in E.L. and Pirates organization with eight wins wins... Worked multiple innings in 21 of 24 total relief appearances... Pitched 17 scoreless outings
 - **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 innings 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... In three outings between 7/16-7/24, allowed 10 runs after letting up eight runs total in first 22 appearances of the season through 7/13... Made two straight spot starts on 7/27 vs. RIC and 8/1 @ TRN (2), pitching nine innings and allowed two earned runs, three total... Matched a season-high five innings pitched in start on 8/1 @ TRN (2) with a career-high 90 pitches and retired 10 straight hitters at one point during eighth win of the year

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

- **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

2019 STREAKS/PITCHING SUPERLATIVES

7+ STRIKEOUTS GAMES

James Marvel (9), 4/4 @ AKR	James Marvel (9), 6/19 vs. HBG
Cam Vieaux (7), 4/17 vs. HBG	Pedro Vasquez (7), 6/22 @ HFD
Dario Agrazal (8), 4/22 @ HBG	James Marvel (8), 6/25 @ RIC
Cam Vieaux (10), 5/22 @ NH	Pedro Vasquez (7), 6/28 vs. BNG
James Marvel (8), 5/24 @ POR	Brandon Waddell (7), 7/5 vs. ERI
James Marvel (7), 6/3 @ ERI	Brandon Waddell (7), 7/12 @ ERI
Pedro Vasquez (8), 6/9 vs. AKR	Cody Bolton (8), 7/28 vs. RIC

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 10

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, Campose
5/30 @ TRN	6-0	7	Marvel, Garcia, Liranzo
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 10

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
8/1 @ TRN (1)	2-0	0	Keller



POSITION PLAYER NOTES

#44 Oneil Cruz

Bats: Left Throws: Right

Ht/Wt: 6-6/205

CURRENT HIT STREAK: --

LONGEST HIT STREAK: 1 game, 7/30

STARTS (POSITION): SS (4)

STARTS (ORDER): 1st (1), 2nd (1), 4th (2)

CURRENT ON-BASE STREAK: --

LONG ON-BASE STREAK: 1 game, 7/30

LAST HR: 7/25/19 (BRD vs. STL) (T. Megill)

PINCH-HITTING: --

MULTI-HIT GAMES: 1

ACQUIRED: Trade (2017) - LAD

- **CURRENT NOTES:** 2-for-15 with two doubles in five games since being promoted to Double-A on 7/30
- **2019 NOTES:** Started the season with A-Adv. Bradenton and hit .350 (7-for-20) over the first five games...Missed one week from 4/14-22 with lower body discomfort...Landed on the injured list with a right-foot fracture on 4/28 for injury suffered the night before by colliding with a baserunner while turning a double play...Returned to the field for three rehab games with the GCL Pirates and went 6-for-10...Rejoined the Marauders on 6/30 and hit safely in his first six games back with three homers...Homered seven times in 35 games and hit .301...Between return from injured list on 6/30 until promotion to Double-A Altoona on 7/30, led Florida State League with six homers, .596 slugging percentage and ranked second with a .330 (31/94) batting average and .960 OPS...Made Double-A debut at shortstop and went 0-for-2 as a replacement for Hunter Owen in suspended game from 5/30 @ TRN that was completed on 7/30 @ TRN...Made first Double-A start, played shortstop, batted fourth, and went 2-for-3 with two doubles on 7/30 @ TRN

- **CAREER NOTES:** Acquired by the Pittsburgh Pirates in a trade from the Los Angeles Dodgers with RHP Angel German for LHP Tony Watson on 7/31/18...Signed by the Dodgers as an international free agent on 7/2/15 at the age of 16...Spent pro debut season with DSL Dodgers in 2016 and made stateside debut with Class A Great Lakes in 2017...Spent all of 2018 with Class A West Virginia Power and was the South Atlantic League's Most Outstanding Prospect, the first Pirates minor leaguer since Andrew McCutchen in 2006 to earn the honor...Hit .286, fifth in the SAL, with 14 homers, 25 doubles, seven triples and 59 RBIs in 103 games...Began 2019 season ranked by *Baseball America* as the No. 79 overall prospect, No. 12 shortstop and No. 3 Pirates prospect with the "Best Infield Arm" and "Best Power Hitter" tools in the Pirates system...Rated by MLB.com as Pittsburgh's No. 3 prospect, No. 62 in baseball and the No. 9 shortstop...At 6-foot-6, tallest position player to ever play for the Curve...11th player to join the team age 20 or younger (Cole Tucker, Austin Meadows, Alen Hanson, Jameson Taillon, Jose Tabata (19), Tim Alderson, Andrew McCutchen (19), Sean Burnett, Ryan Doumit and Luis Lorenzana)

#14 Jason Delay (@jdelay5)

Bats: Right Throws: Right

Ht/Wt: 5-11/200

CURRENT HIT STREAK: --

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

STARTS (POSITION): C (50)

STARTS (ORDER): 5th (2), 6th (3), 7th (28), 8th (16), 9th (1)

CURRENT ON-BASE STREAK: --

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

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

PINCH-HITTING: --

MULTI-HIT GAMES: 13

ACQ: 4th Round (2017) - Vanderbilt

- **CURRENT NOTES:** In last nine games, Delay is 11-for-32 (.344) with four multi-hit games since 7/16...Hitting .180 (20/111) with one home run and nine RBIs in last 32 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: 1 game, 8/1(2)-pres.

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

STARTS (POSITION): 2B (1), SS (18), 3B (24), DH (3)

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

CURRENT ON-BASE STREAK: 2 games, 7/31-pres.

LONG ON-BASE STREAK: 7 games, 2x, last -- 7/23(1)-7/28

LAST HR: 7/26/19 (ALT vs. RIC) (C. Baragar)

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

MULTI-HIT GAMES: 11

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

- **CURRENT NOTES:** Leads Pirates organization with .298 average (min. 350 plate appearances) between A-Adv. Bradenton and Double-A Altoona...Hitting .185 (15/81) with 27 strikeouts in last 24 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)...Hit three-run homer and reached base safely in all four plate appearances on 7/26 vs. RIC

- **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: 1 game, 8/1(2)-pres.

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

STARTS (POSITION): 1B (14), LF (33), RF (1), DH (34)

STARTS (ORDER): 4th (69), 5th (13)

CURRENT ON-BASE STREAK: 4 games, 7/30-pres.

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

LAST HR: 8/1/19 (ALT @ TRN(2)) (S. Semple)

PINCH-HITTING: --

MULTI-HIT GAMES: 20

ACQ: 25th Round (2015) - Troy University

- **CURRENT NOTES:** Ranked tied for eighth in the E.L. with an .780 OPS, tied for 13th in on-base percentage (.350) and 12th in slugging percentage (.430)...26 doubles between Double-A Altoona and Triple-A Indianapolis are second-most in the Pirates organization

- **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...Hit seventh homer of season, a solo shot, on 8/1 @ TRN (2)

- **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*

POSITION PLAYER NOTES

#7 Bligh Madris (@Bligh_Guy)

Bats: Left Throws: Right

Ht/Wt: 6-0/208

CURRENT HIT STREAK: 1 game, 8/1(2)-pres.

CURRENT ON-BASE STREAK: 1 game, 8/1(2)-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, (0/3)

STARTS (POSITION): LF (1), RF (91), DH (9)

MULTI-HIT GAMES: 27

STARTS (ORDER): 1st (1), 2nd (7), 3rd (39), 5th (34), 6th (20)

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

- **CURRENT NOTES:** Hitting .274 (26/95) with 10 extra-base hits, 16 RBIs and seven multi-hit games in last 28 games since 7/2...95 hits are tied for 10th in the E.L. while his 21 doubles rank tied for 12th

- **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...Hit .320 (8/25) with seven walks on eight-game on-base streak from 7/18-7/24

- **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*

#41 Jared Oliva (@Jared_Oliva41)

Bats: Right Throws: Right

Ht/Wt: 6-2/203

CURRENT HIT STREAK: 1 game, 8/1(2)-pres.

CURRENT ON-BASE STREAK: 1 game, 8/1(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 (84), DH (5)

MULTI-HIT GAMES: 31

STARTS (ORDER): 1st (45), 2nd (5), 3rd (40)

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

- **CURRENT NOTES:** Leads the Pirates organization with 30 stolen bases and ranks third with a .283 average (min. 350 plate appearances)...Second in E.L. with 30 steals, seventh with .283 batting average, eighth with a .360 OBP, tied for ninth with .780 OPS, tied for sixth with 55 runs and eighth with nine hit-by-pitch...Converted 22/25 stolen base attempts since 6/9...Leads E.L. in OBP (.420) and batting average (.352) since 6/3 while he has reached base in 48 of last 54 games with 23 extra-base hits, 23 multi-hit games, 37 runs scored, 20 walks and 26 RBIs...Played most innings without an error among E.L. outfielders...Hitting .343 (12/35) in last 10 games since 7/23

- **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: --

CURRENT ON-BASE STREAK: --

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, 2x, last -- 7/21-7/26

PINCH-HITTING: --

STARTS (POSITION): C (59)

MULTI-HIT GAMES: 8

STARTS (ORDER): 6th (2), 7th (31), 8th (25), 9th (1)

ACQ: 12th Round (2016) - Georgia Tech

- **CURRENT NOTES:** Only E.L. catcher without an error and at least 200 innings caught (511.1 innings)...40% (20/50) caught stealing rate is second-best among qualified Eastern League catchers...15-for-83 (.181) with one home run and five RBIs last 25 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*

#3 Brett Pope (@BdPope13)

Bats: Left Throws: Right

Ht/Wt: 5-11/181

CURRENT HIT STREAK: 1 game, 8/1(2)-pres.

CURRENT ON-BASE STREAK: 1 game, 8/1(2)-pres.

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

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

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

PINCH-HITTING: .133, (2/15), 2B, RBI, BB

STARTS (POSITION): 2B (9), 3B (10), SS (35), DH (1)

MULTI-HIT GAMES: 12

STARTS (ORDER): 1st (4), 2nd (4), 7th, (3), 8th (28), 9th (16)

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

- **CURRENT NOTES:** Hitting .279 (34/122) with 11 RBIs and 10 walks in last 42 games since 5/22...Started 13 of 16 games since 7/16...Hitting .293 (12/41) in last 12 games since 7/18

- **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...Went 3-for-4 with a double, two singles, an RBI, a walk and scored a run on 7/27 vs. RIC...Went 2-for-3 with two singles, an RBI and scored a run on 8/1 @ TRN (2)

- **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

POSITION PLAYER NOTES

#10 Chris Sharpe (@Chris_Sharpe19)

Bats: Right Throws: Right

Ht/Wt: 6-1/195

CURRENT HIT STREAK: --

CURRENT ON-BASE STREAK: --

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

LONGEST HIT STREAK: 3 games, 3x, last -- 7/26-7/28

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

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

STARTS (POSITION): LF (33), CF (3), DH (1)

MULTI-HIT GAMES: 9

STARTS (ORDER): 2nd (33), 5th (1), 7th (1), 8th (2)

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

CURRENT NOTES: Hitting .257 with career-highs in homers (11), RBIs (53) and doubles (24) 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 12 games since 7/21, 10-for-43 (.233) with one homer, three doubles, five RBIs and nine 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

#31 Jerrick Suiter (@jerricksuiter)

Bats: Right Throws: Right

Ht/Wt: 6-2/253

CURRENT HIT STREAK: --

CURRENT ON-BASE STREAK: --

LAST HR: 7/13/19 (ALT @ ERI) (S. Watkins)

LONGEST HIT STREAK: 8 games, 5/22-5/31

LONG ON-BASE STREAK: 12 games, 5/22-6/5

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

STARTS (POSITION): 1B (91), DH (1)

MULTI-HIT GAMES: 19

STARTS (ORDER): 3rd (11), 4th (17), 5th (5), 6th (47), 7th (11), 8th (1)

ACQ: 26th Round (2014) - Texas Christian University

CURRENT NOTES: Leads E.L. with six sacrifice flies...8-for-33 (.242) last nine games

2019 NOTES: Opening Day starter at first base and cleanup hitter on 4/4 @ AKR and delivered a two-run single in the fifth while going 2-for-3 with a walk...After batting .367 (11/30) through his first eight games of the season, batted .152 (7/46) with two doubles and two RBI through the remaining 15 games of April as average dropped to .237...During 2-for-4 performance on 5/3 @ RIC, delivered go-ahead RBI single during a four-run ninth for the Curve in a 10-7 comeback win...Hit .348 (8/23) with two multi-hit games, two doubles, five RBIs and three walks on six-game hitting streak from 5/1-5/6...Drove home all three runs the Curve scored during a three-game series from 5/21-23 @ NHM, including his first homer of the season...Erased 1-0 deficit in second inning on 5/26 @ POR with a two-run homer off Brian Johnson on MLB rehab for the Red Sox...Hit safely in 21 of 26 starts in month of May, batting .295 (28/95) with two home runs, four doubles, 19 RBIs, six multi-hit games and six multi-RBI games...Hit .367 (11/30) with two homers, one double, six RBIs and three two-hit games during season-high eight-game hitting streak from 5/22-5/31...Reached base safely in 12 straight games from 5/22-6/5...Hit .241 with 2 homers and 28 RBIs in 65 games in first half...Went 3-for-4 with three singles on 6/23 @ HFD...Hit his third home run of season, a solo shot, on 6/27 vs. BNG...Hit .385 (10/26) on seven-game hitting streak from 6/22-6/28...Went 2-for-30 over eight games between 6/30-7/11...Connected for three hits and a two-run homer, his fourth of the season, on 7/13 @ ERI...Hit go-ahead, RBI fielder's choice grounder in two-run eighth inning in 6-5 comeback win on 7/17 vs. TRN...Exited game on 7/18 @ BOW and placed on 7-day injured list on 7/19 with a right groin strain

CAREER NOTES: Selected in the 25th round by the Toronto Blue Jays in 2011 out of Valparaiso (Ind.) HS but did not sign...Played three seasons at TCU, entering as a two-way baseball player and a two-sport athlete...Briefly played wide receiver on TCU's football team...Made six pitching appearances as a freshman, including two starts...Played every position except second base and shortstop during his college career...Drafted by the Pirates in the 26th round in 2014...Has split time between first base, left field and right field in his professional career...Ranked second in the Appalachian League in walks and third in on-base percentage during professional debut season in 2014...Was Bradenton's everyday first baseman in 2016...Missed start of 2017 with injury...Assigned to Bradenton on 4/25 and hit .237 with four RBIs over 10 games with Marauders...Promoted to Double-A Altoona on 5/7...2017 Altoona Curve Unsung Hero...Led team with .285 batting average, .372 on-base percentage and .819 OPS...Hit .299 (84/281) with 10 homers and 49 RBIs over final 79 regular-season games from 6/2-9/4...Hit .204 with two homers, 13 doubles and 27 RBIs in 67 games with the Indianapolis Indians in 2018

#13 Darnell Sweeney (@_SweeneySwag)

Bats: Switch Throws: Right

Ht/Wt: 6-6/205

CURRENT HIT STREAK: 2 games, 7/31-pres.

CURRENT ON-BASE STREAK: 2 games, 7/31-pres.

LAST HR: 8/1/19 (ALT @ TRN (2)) (S. Sempke)

LONGEST HIT STREAK: 2 games, 7/31-pres.

LONG ON-BASE STREAK: 2 games, 7/31-pres.

PINCH-HITTING: --

STARTS (POSITION): LF (1), RF (1)

MULTI-HIT GAMES: --

STARTS (ORDER): 2nd (2)

ACQ: MiLB Free Agent (2019)

CURRENT NOTES:

2019 NOTES: Began the year with the Kansas City T-Bones of the independent American Association...Hit .288 with four homers, nine RBIs and eight doubles over 23 games before he contract was sold to the Pittsburgh Pirates...Formally signed by the Pirates to a minor league deal on 6/15 and assigned to Triple-A Indianapolis...Made his Pirates organization debut on 6/16 and had an extra-base hit in three straight multi-hit games over his first three games with the Indians...Batted .274 with a pair of home runs and 12 RBIs in 23 games for Indianapolis before he was assigned to Double-A Altoona on 7/29...Made Curve debut as a replacement for Bralin Jackson in left field of suspended game from 5/30 @ TRN that was completed on 7/30 @ TRN, and went 0-for-1 with an outfield assist...Made first start with Curve in right field and batted second on 7/31 @ TRN...Went 1-for-3 with a two-run home run on 8/1 vs. TRN (2)

CAREER NOTES: Acquired by the Pittsburgh Pirates as a minor league free agent on 6/16/2019...Originally drafted by the Los Angeles Dodgers in the 13th round in 2012 out of the University of Central Florida...Attended American Senior (Fla.) High School and was drafted by the Marlins in 41st round in 2009 but did not sign...Started all 178 games for UCF in his college career as a .301 hitter and had 118 RBIs...Appeared in 39 Major League games with the Philadelphia Phillies in 2015 and Toronto Blue Jays in 2018...Two-time Mid-Season All-Star as a Dodgers minor leaguer for Double-A Chattanooga in 2014 and Triple-A Oklahoma City in 2015...Hit 98 doubles in the Dodgers system in three straight 30-double seasons from 2013-15...Traded from the Dodgers to Phillies on 8/19/15 involving a swap for Chase Utley...Made his MLB debut for Philadelphia as a pinch hitter on 8/20/15 @ MIA and popped out facing LHP Brad Hand...Traded back to the Dodgers on 11/11/16 in the Howie Kendrick deal...Traded to Cincinnati on 5/28/17, released by the Reds prior to the 2018 season and signed by Toronto as a minor league free agent for 2018...Teammates with former Curve infielder Gift Ngoepe for most of the 2018 season with Triple-A Buffalo, batting .236 with 27 extra-base hits and 37 RBIs over 88 games

#19 Mitchell Tolman (@MitchellTolman)

Bats: Left Throws: Right

Ht/Wt: 5-10/195

CURRENT HIT STREAK: --

CURRENT ON-BASE STREAK: --

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

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

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

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

STARTS (POSITION): 2B (90), 3B (2), DH (5)

MULTI-HIT GAMES: 22

STARTS (ORDER): 1st (43), 2nd (20), 3rd (1), 6th (5), 7th (27)

ACQ: 7th Round (2015) - Oregon

CURRENT NOTES: Has hit safely in 40 of last 52 games while hitting .270 (53/196) with 12 extra-base hits, 16 RBIs and 12 multi-hit games since 6/3...Since taking over the leadoff spot on 6/19, reached base in 33 of 38 games while hitting .264 (37/140) with 24 walks, 29 runs scored and a .387 on-base percentage...Ranks first in E.L. in runs (29), tied for second in walks (24) and fourth in OBP (.387) since 6/19...94 hits rank tied for 12th in E.L. while his 51 runs rank 10th

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...Went 4-for-4 with a double, an RBI and scored two runs in suspended game from 5/30 @ TRN that was completed on 7/30 @ TRN

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	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oneil Cruz	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jason Delay	13	9	2	2	--	8	6	1	1	--	5	1	1	--	--	6/4 @ ERI
Robbie Glendinning	11	8	3	--	--	9	8	1	--	--	4	2	1	--	--	7/26 vs. RIC
Logan Hill	20	14	4	2	--	11	7	2	2	--	7	1	--	--	--	8/1 @ TRN (2)
Bralin Jackson	11	10	--	1	--	3	3	--	--	--	--	--	--	--	--	--
Bligh Madris	27	23	4	--	--	13	10	3	--	--	7	3	1	--	--	7/21 @ BOW
Gift Ngoepe	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jared Oliva	31	25	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	11	9	2	--	--	1	1	--	--	--	--	--	--	--	--	--
Alfredo Reyes	7	6	1	--	--	--	--	--	--	--	1	--	--	--	--	6/23 @ HFD
Chris Sharpe	9	9	--	--	--	6	2	3	1	--	6	3	--	1	--	7/21 @ BOW
Jerrick Suiter	19	17	2	--	--	10	10	--	--	--	4	2	--	--	--	6/27 vs. BNG
Darnell Sweeney	--	--	--	--	--	1	1	--	--	--	1	1	--	--	--	8/1 @ TRN (2)
Mitchell Tolman	22	15	6	1	--	4	3	1	--	--	4	--	--	--	--	4/28 vs. RIC
Adrian Valerio	1	1	--	--	--	1	1	--	--	--	--	--	--	--	--	--
Pitchers	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	5/16 vs. HBG
Totals	217	177	33	6	--	86	64	15	5	2	65	17	5	2	--	8/1 @ TRN (2)

PINCH HITTERS

PLAYER	STATISTICS	LAST PINCH-HIT APP.
Robbie Glendinning	.000, 0/4	6/29 vs. BNG (2)
Bralin Jackson	.250, 4/16, 3 1B, 2B, 2 RBI, BB	7/28 vs. RIC
Bligh Madris	.000, 0/3	7/26 vs. RIC
Gift Ngoepe	.000, 0/1	7/27 vs. RIC
Jared Oliva	.000, 0/2, HBP, RBI	6/29 vs. BNG (2)
Ryan Peurifoy	.100, 1/10, BB	6/27 vs. BNG
Brett Pope	.133, 2/15, 2B, RBI, BB	7/26 vs. RIC
Alfredo Reyes	.250, 1/5, 3B, 2 BB, HBP	7/27 vs. RIC
Chris Sharpe	.000, 0/1, BB	7/25 vs. RIC
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:	.143, 9/63	7/28 vs. RIC

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	.250, (1/4)	0	0	0	0	3	0	7/28 vs. RIC
Brady	.222, (2/9)	0	0	0	0	2	2	7/26 vs. RIC
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, (0/3)	0	0	0	1	2	0	7/25 vs. RIC
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	3	2	0	0	1	7/27 vs. RIC
Vasquez	.214, (3/14)	0	0	2	1	6	1	7/25 vs. RIC
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	.158 (12/76)	1	6	5	6	29	10	7/28 vs. RIC

OFFENSE BY INNING

INNING	1	2	3	4	5	6	7	8	9	10+	TOTALS
CURVE	40	36	73	62	51	46	32	46	29	9	428
OPPONENT	52	46	59	39	61	64	43	44	21	7	437

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
Mitchell Tolman	7/25 vs. RIC	J. Metz	Arguing called third strike
Michael Ryan	7/26 vs. RIC	J. Metz	Arguing overturned call

HOME-ROAD STATS

Home (27-27)			
Average:	.253	Home Runs:	23
Runs Per Game:	3.7	Stolen Bases:	36
Doubles:	82	Walks:	165
Triples:	12	Strikeouts:	434
Road (28-27)			
Average:	.231	Home Runs:	42
Runs Per Game:	4.1	Stolen Bases:	38
Doubles:	83	Walks:	161
Triples:	11	Strikeouts:	516

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: 487-449 w/ALT: 207-180	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	55-54	27-27	28-27
vs. Western Division	41-33	20-20	21-13
vs. Eastern Division	14-21	7-7	7-14
Day Games	14-16	5-10	9-6
Night Games	41-38	22-17	19-21
Day Game After Night	8-14	2-9	6-5
Curve Score 1st	30-15	15-5	15-10
Opponent Scores 1st	26-38	12-22	14-16
Come From Behind Wins	32	15	17
vs. RH Starters	38-40	20-22	18-18
vs. LH Starters	17-14	7-5	10-9
Curve Starter 6.0 + IP	22-18	13-7	9-11
Curve Starter 7.0 + IP	12-5	7-4	5-1
Curve Starter 8.0 + IP	--	--	--
When Hitting a HR	26-15	10-7	16-9
When Not Hitting a HR	29-39	17-21	12-18
Outhit Opponent	33-12	19-4	14-8
Equal # of Hits	6-6	1-4	5-2
Outhit by Opponent	16-36	7-19	9-17
Curve 10+ Hits	22-9	11-6	11-3
Commit 0 Errors	34-27	16-12	18-15
Commit 1 Error	15-21	7-11	8-10
Commit 2+ Errors	6-6	4-4	2-2
Leading After 7th	42-4	22-2	20-2
Trailing After 7th	7-43	2-19	5-24
Tied After 7th	6-7	3-6	3-1
Leading After 8th	42-1	21-1	21-0
Trailing After 8th	3-42	1-20	2-22
Tied After 8th	5-3	3-2	2-1
Extra-Inning Games	5-3	3-2	2-1
Double-headers	6-8	3-5	3-3
Series Record	15-16-2	8-8-0	7-8-2
One-Run Games	17-18	10-7	7-11
Two-Run Games	12-13	7-10	5-3
3+Run Games	26-23	10-10	16-13
Shutout Record	10-10	3-3	7-7
April Record	12-12	4-7	8-5
May Record	12-17	6-6	6-11
June Record	19-9	11-6	8-3
July Record	11-16	6-8	5-8
August Record	1-1	--	1-1
September Record	--	--	--
Monday Record	5-7	1-5	4-2
Tuesday Record	6-12	4-4	2-8
Wednesday Record	6-9	2-5	4-4
Thursday Record	9-6	5-1	4-5
Friday Record	7-8	3-5	4-3
Saturday Record	12-8	6-5	6-3
Sunday Record	10-4	6-2	4-2
1st Game of Series	15-18	8-8	7-10
Last Game of Series	20-13	9-7	11-6
Rubber Game of Series	6-4	4-3	2-1
Getaway Day	11-7	1-0	10-7

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	10-7	3-3	7-4
vs. Trenton	3-6	1-2	2-4
TOTALS	55-54	27-27	28-27

2019 STREAKS/OFFENSIVE SUPERLATIVES

10+ GAME HITTING STREAKS
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
Mitchell Tolman, (4-for-4), 5/30 @ TRN
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, 2x, 4/13-4/18 & 7/23-7/27
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, 2x, 4/11 vs. AKR & 7/27 vs. RIC
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, 2x, 4/29 vs. ERI & 8/1 @ TRN (1)

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, 13x, last - Oneil Cruz, 7/30 @ 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, 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	--	--	--	--
Cruz	--	--	--	--	4	--	--	--	--
Delay	50	--	--	--	--	--	--	--	--
Glendinning	--	--	1	24	19	--	--	--	3
Hill	--	14	--	--	--	33	--	1	35
Jackson	--	--	--	--	--	35	7	15	3
Madris	--	--	--	--	1	--	--	91	9
Ngoepe	--	--	--	--	12	--	--	--	--
Oliva	--	--	--	--	1	85	--	6	--
Owen	--	--	--	65	--	--	--	1	2
Pabst	59	--	--	--	--	--	--	--	--
Peurifoy	--	--	--	--	5	7	--	--	--
Pope	--	--	9	10	35	--	--	--	1
Reyes	--	3	9	8	13	--	8	--	--
Sharpe	--	--	--	--	--	33	3	--	1
Suiter	--	92	--	--	--	--	--	--	1
Sweeney	--	--	--	--	--	1	--	1	--
Tolman	--	--	90	2	--	--	--	--	5
Valerio	--	--	--	--	15	--	--	--	--

2019 STARTS BY BATTING ORDER

Player	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
Alemais	2	7	3	--	--	--	--	--	--
Cruz	1	1	--	2	--	--	--	--	--
Delay	--	--	--	2	3	28	16	1	--
Glendinning	2	--	3	18	--	18	3	2	--
Hill	--	--	--	70	13	--	--	--	--
Jackson	4	20	6	1	3	5	4	13	4
Madris	1	7	39	--	35	19	--	--	--
Ngoepe	--	--	--	--	--	--	--	3	9
Oliva	45	5	41	--	--	--	--	--	--
Owen	--	2	5	--	50	11	--	--	--
Pabst	--	--	--	--	2	31	25	1	--
Peurifoy	1	--	--	--	--	--	--	1	10
Pope	4	4	--	--	--	3	28	16	--
Reyes	3	9	--	--	--	--	13	17	--
Sharpe	--	33	--	--	1	--	1	2	--
Suiter	--	--	11	18	5	46	12	1	--
Sweeney	--	2	--	--	--	--	--	--	--
Tolman	46	18	1	--	--	5	27	--	--
Valerio	--	1	--	--	--	--	--	5	9
Pitchers	--	--	--	--	--	--	--	--	43

ERRORLESS STREAKS

Player	Active Strk.	Last Error	Longest Streak
Alemais	12	--	12
Cruz	5	--	5
Delay	25	5/31 vs. NHM	25
Glendinning	5	7/26 vs. RIC	15
Hill	2	7/27 vs. RIC	26
Jackson	60	--	60
Madris	73	4/27 vs. RIC	73
Ngoepe	6	7/11 @ ERI	6
Oliva	86	--	86
Owen	5	6/12 vs. POR	23
Pabst	59	--	59
Pope	3	7/27 vs. RIC	29
Peurifoy	13	--	13
Reyes	14	7/2 @ AKR	14
Sharpe	2	7/31 @ TRN	24
Suiter	11	7/7 vs. ERI	24
Sweeney	3	--	3
Tolman	8	7/23 vs. ERI (2)	24
Valerio	--	5/27 @ POR	15

OUTFIELD ASSISTS

19

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	6	7/26 vs. RIC
Darnell Sweeney	1	5/30 @ TRN

CATCHER'S BOX

30-98 (30.6%)

Player	Caught	Att.	Percent	Last CS
Pabst	20	50	40%	8/1 @ TRN (2)
Delay	10	48	21%	8/1 @ TRN (1)

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).....Brian Keller, 8/1/19 @ Trenton (1)
 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).....Brian Keller, 8/1/19 @ Trenton (1)
 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.....Kyle Holder two-run double, (7th), 7/30/19 @ Trenton

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)

65 E (.983 - 1ST), 104 DP (1ST)

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

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 Chruich (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 Navilthon (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	L, 3-1	52-49 (17-17)	3rd -9.0	Brandon Lawson (4-5)	Pedro Vasquez (6-2)	Melvin Adon (14)	2:50	80	4,619
7/26	Richmond	L, 5-3	52-50 (17-18)	3rd -9.0	Caleb Baragar (3-3)	Sean Brady (3-9)	Sam Wolff (3)	2:41	84	6,368
7/27	Richmond	L, 6-5 (11)	52-51 (17-19)	3rd -9.5	Carlos Navas (1-1)	Jesus Liranzo (2-1)	--	3:26	84	6,213
7/28	Richmond	W, 3-1	53-51 (18-19)	3rd -9.5	Cody Bolton (1-1)	Logan Webb (1-3)	Matt Eckelman (19)	2:20	84	4,788
7/30 (1)	at Trenton	W, 6-0	--	COMPLETED GAME, SUSPENDED FROM MAY 30 --						
7/30 (2)	at Trenton	L, 4-3 (7)	54-52 (18-20)	4th -10.5	Daniel Alvarez (6-2)	Domingo Robles (2-5)	--	1:51	94	5,106
7/31	at Trenton	L, 7-2	54-53 (18-21)	4th -11.0	Nick Green (2-3)	Nick Economos (0-2)	--	2:38	75	3,552
8/1 (1)	at Trenton	L, 2-0	54-54 (18-22)	4th -12.0	Brian Keller (3-1)	Pedro Vasquez (6-3)	--	1:27	85	--
8/1 (2)	at Trenton	W, 4-2	55-54 (19-22)	T-3rd -11.5	Beau Sulser (8-1)	Shawn Semple (0-2)	Matt Eckelman (20)	1:58	83	5,231
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	OF Bralin Jackson	Left ankle sprain	7/5	7/19
RHP Gage Hinz	Right forearm strain	4/7 (4/4)	--	INF Jerrick Suiter	Right groin strain	7/19	7/30
SS Stephen Alemasis	Right shoulder strain	4/26	--	OF Bralin Jackson	Left ankle sprain	7/30	--
RHP Tate Scioneaux	Left ankle sprain	5/16	6/20	RHP Austin Coley	Left ankle sprain	8/1	--

2019 MLB DEBUTS BY CURVE ALUMNI

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