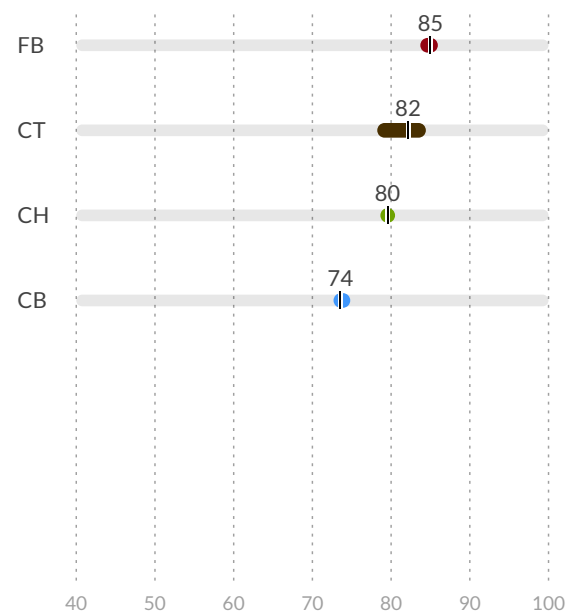


**Avg. velocity by pitch type**  
mph



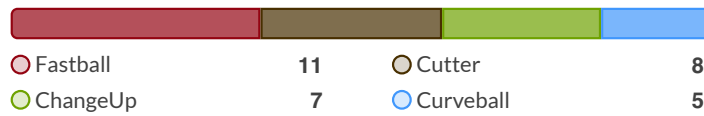
● **Fastball**

Pitch Speed Avg. **85** mph Max. **86** mph

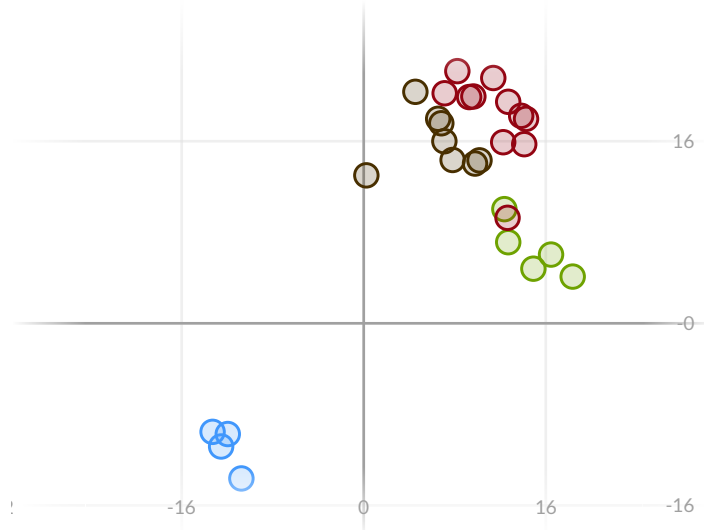
Total spin Avg. **2106** rpm

**Pitches**

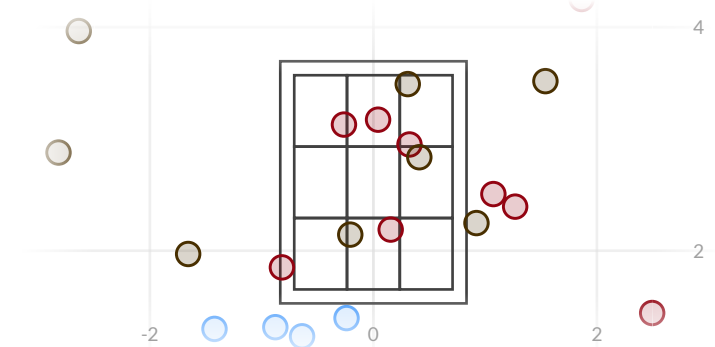
Total: **31**



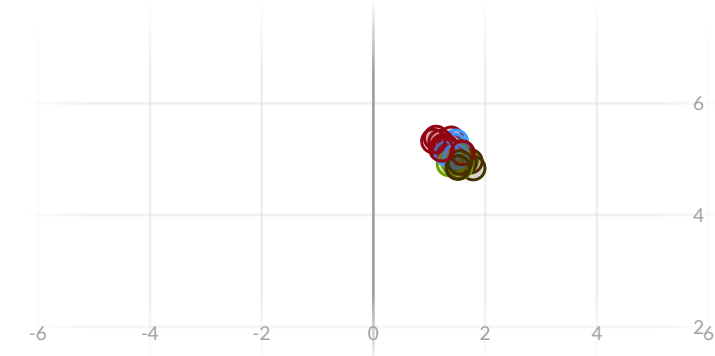
**Movement**  
in



**Location**  
ft



**Release**  
ft



**Stats by pitch type**

Pitch type	Qty.	Pitch Speed (mph)			Total spin (rpm)			IVB (in)		Horz. Mov (in)		Vert. Mov (in)	Rel.h (ft)	Rel.side (ft)	EXT (ft)
		Min.	Max.	Avg.	Min.	Max.	Avg.	Max. abs.	Avg.	Max. abs.	Max. abs.	Avg.	Avg.	Avg.	
● Fastball	11	83.7	85.9	85.0	1655.9	2255.7	2106.0	18.2	11.4	14.3	30.3	5.2	1.3	5.2	
● Cutter	8	78.2	84.4	82.2	2048.2	2300.5	2157.0	16.0	6.6	10.2	36.1	5.0	1.6	5.0	
● ChangeUp	7	78.9	80.3	79.5	1005.8	1187.0	1091.6	6.4	15.0	18.4	43.4	5.0	1.5	5.1	
● Curveball	5	72.7	74.8	73.6	2251.5	2389.9	2331.1	10.9	-12.1	13.3	68.4	5.2	1.5	4.1	

● Curveball ● ChangeUp ● Cutter ● Fastball

## Pitches in session

Pitch no.	Pitch Speed mph	Total spin rpm	Tilt sec	I. Vert. Mov in	Horz. Mov in	Extension ft	Release Height ft	Release Side ft	Spin efficiency %
● #1	84.8	2145	1:15	18.0	14.3	5'2"	5'4"	1'5"	92%
● #2	85.2	2168	1:00	21.6	11.4	5'1"	5'3"	1'3"	93%
● #3	84.8	2135	1:15	15.9	12.3	5'2"	5'3"	1'4"	89%
● #4	79.6	1117	2:15	6.0	16.5	5'1"	5'	1'6"	84%
● #5	80.3	1133	2:30	4.8	14.9	5'	5'	1'8"	87%
● #6	79.2	1050	2:00	7.1	12.7	5'1"	4'11"	1'7"	-
● #7	73.1	2390	7:45	-10.8	-12.5	3'11"	5'1"	1'7"	61%
● #8	72.7	2335	7:30	-	-	4'2"	5'3"	1'5"	69%
● #9	74.1	2338	7:45	-9.5	-13.3	4'6"	5'4"	1'6"	61%
● #10	80.6	2198	12:45	17.6	6.8	4'7"	5'1"	1'7"	54%
● #11	78.2	2300	12:00	13.0	0.2	4'7"	5'	1'9"	42%
● #12	80.6	2151	1:15	14.3	10.2	4'9"	4'10"	1'9"	58%
● #13	83.7	2256	12:45	19.9	9.6	5'4"	5'1"	1'6"	74%
● #14	84.4	2065	1:00	14.4	7.8	4'7"	5'1"	1'5"	84%
● #15	82.8	2048	12:45	18.0	6.5	5'4"	4'11"	1'8"	80%
● #16	85.4	2085	1:30	15.7	14.1	5'1"	5'1"	1'5"	86%
● #17	84.6	2169	12:45	20.2	7.1	5'4"	5'4"	1'2"	87%
● #18	85.6	2180	12:45	22.2	8.2	5'4"	5'5"	1'1"	89%
● #19	85.1	2202	1:15	18.2	13.8	5'2"	5'3"	1'4"	88%
● #20	79.4	1187	2:30	-	-	5'4"	4'11"	1'4"	87%
● #21	79.6	1006	1:45	10.0	12.4	5'2"	4'11"	1'5"	86%

● Curveball 
 ● ChangeUp 
 ● Cutter 
 ● Fastball

## Pitches in session

Pitch no.	Pitch Speed mph	Total spin rpm	Tilt sec	I. Vert. Mov in	Horz. Mov in	Extension ft	Release Height ft	Release Side ft	Spin efficiency %
<span style="color: green;">●</span> #22	79.8	1088	2:30	-	-	5'5"	4'10"	1'7"	96%
<span style="color: green;">●</span> #23	78.9	1060	2:30	4.1	18.4	5'	5'1"	1'6"	87%
<span style="color: blue;">●</span> #24	74.8	2341	7:15	-13.6	-10.8	4'	5'1"	1'4"	60%
<span style="color: blue;">●</span> #25	73.0	2252	7:45	-9.7	-11.9	4'1"	5'1"	1'6"	64%
<span style="color: red;">●</span> #26	84.4	2022	12:45	19.9	9.3	5'4"	5'1"	1'7"	85%
<span style="color: brown;">●</span> #27	83.6	2127	12:30	20.3	4.5	5'3"	4'11"	1'7"	78%
<span style="color: brown;">●</span> #28	83.4	2231	1:15	14.0	9.8	5'3"	4'10"	1'6"	67%
<span style="color: brown;">●</span> #29	83.5	2134	12:45	16.0	7.1	5'3"	4'10"	1'6"	70%
<span style="color: red;">●</span> #30	85.9	1656	1:45	9.3	12.6	5'1"	5'2"	1'3"	77%
<span style="color: red;">●</span> #31	85.6	2149	1:00	19.5	12.7	5'6"	5'4"	1'1"	90%