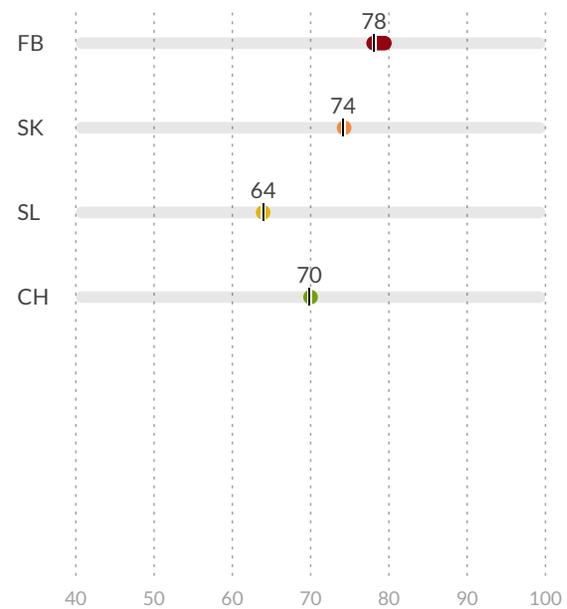


**Avg. velocity by pitch type**  
mph



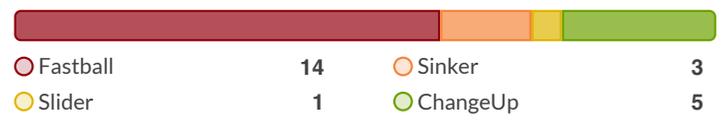
● **Fastball**

Pitch Speed Avg. **78** mph Max. **80** mph

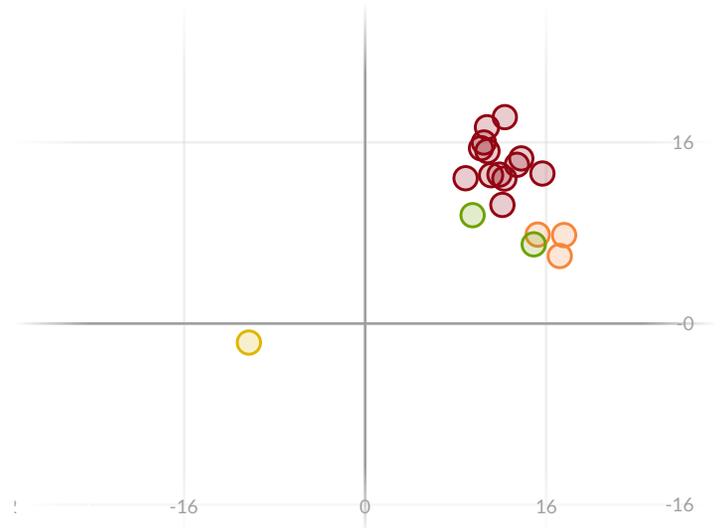
Total spin Avg. **1950** rpm

**Pitches**

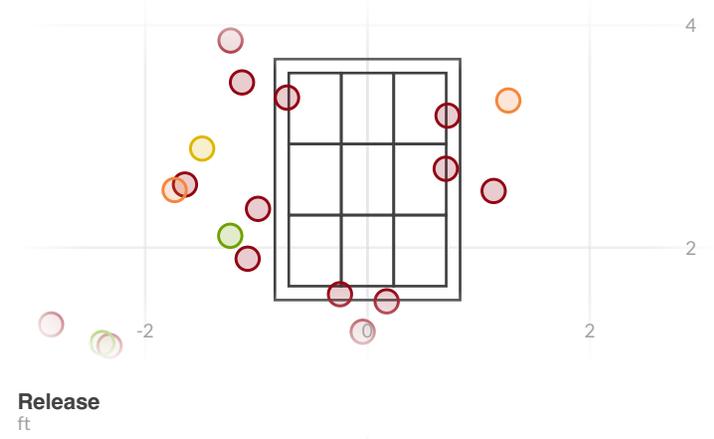
Total: **23**



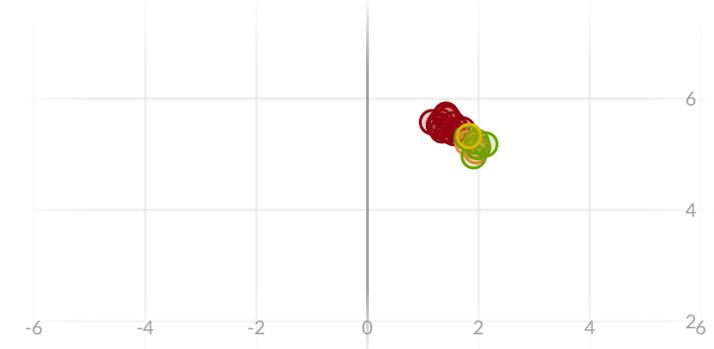
**Movement**  
in



**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	14	77.1	80.4	78.1	1860.6	2018.8	1950.3	14.3	11.8	15.7	37.8	5.5	1.4	5.0	
● Sinker	3	73.4	75.1	74.2	1721.3	1825.8	1780.2	7.2	16.7	17.6	46.1	5.1	1.9	5.3	
● Slider	1	63.9	63.9	63.9	2049.1	2049.1	2049.1	1.7	-10.3	10.3	75.6	5.3	1.8	4.4	
● ChangeUp	5	69.4	70.6	69.9	1027.3	1121.9	1077.8	8.3	12.2	14.9	53.2	5.2	2.0	5.4	

○ ChangeUp 
 ○ Slider 
 ○ Sinker 
 ○ 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	78.0	1942	1:15	12.8	8.9	5'	5'7"	1'6"	77%
○ #2	77.2	1918	1:00	17.3	10.8	4'7"	5'5"	1'9"	82%
○ #3	77.1	2019	-	-	-	5'	5'9"	1'5"	85%
○ #4	77.9	1965	1:00	15.5	10.2	4'11"	5'6"	1'3"	88%
○ #5	78.1	1861	1:30	14.0	13.4	5'	5'5"	1'5"	84%
○ #6	78.3	1950	1:30	14.6	13.8	4'8"	5'5"	1'4"	82%
○ #7	77.8	1981	1:45	13.3	15.7	5'2"	5'5"	1'5"	82%
○ #8	78.4	1920	1:45	10.5	12.1	4'11"	5'8"	1'5"	84%
○ #9	78.3	1956	1:30	12.8	12.3	5'1"	5'8"	1'5"	84%
○ #10	77.5	1998	1:15	13.1	11.1	5'2"	5'7"	1'4"	83%
○ #11	78.5	1904	1:15	18.2	12.3	5'	5'6"	1'4"	81%
○ #12	77.9	1972	1:30	13.2	11.9	5'	5'5"	1'7"	82%
○ #13	77.9	2006	1:15	15.2	10.8	4'11"	5'5"	1'7"	83%
○ #14	75.1	1794	2:15	6.0	17.2	5'6"	5'2"	1'11"	86%
○ #15	73.4	1721	2:15	7.8	17.6	5'6"	5'1"	1'11"	85%
○ #16	73.9	1826	2:00	7.9	15.2	5'	5'2"	1'10"	81%
○ #17	69.4	1100	2:15	7.0	14.9	5'6"	5'3"	2'	87%
○ #18	70.0	1079	2:15	-	-	5'7"	5'2"	2'	78%
○ #19	70.6	1027	2:45	-	-	5'4"	5'	1'11"	87%
○ #20	69.9	1122	1:30	9.6	9.5	5'7"	5'2"	2'1"	85%
○ #21	69.4	1060	-	-	-	5'3"	5'4"	1'9"	88%

○ ChangeUp 
 ○ Slider 
 ○ Sinker 
 ○ 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: yellow;">○</span> #22	63.9	2049	8:45	-1.7	-10.3	4'5"	5'4"	1'10"	45%
<span style="color: red;">○</span> #23	80.4	1911	1:00	16.0	10.5	5'2"	5'7"	1'2"	82%