Fastball Analysis

Ben Martino

Trent Hodgdon   RHP   USC Upstate
2023 NECBL Stats:
Basic: 13.2 IP   29K/19BB   6.58 ERA   .208 BAA   2.12 WHIP   19.1 K/9
Advanced: .225 BABIP   FIP: 3.978 (Using a 3.1 Constant)

Fastball: (215 Thrown)
Velo: 91.63 mph   TOP: 95 mph   IVB: 20.83 (21.59 on swinging strikes)   **HZ: 10.75**
SPIN: 2421   Avg Extension: 6.69'
Slash: .074/.342/.074   19K/11BB   <mark>55% Whiff</mark>   17% Chase   42% Inside of Zone

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David Lally   RHP   Notre Dame
2023 NECBL Stats:
Basic: 15.1 IP   22K/9BB   5.87 ERA   .246 BAA   1.50 WHIP   12.9 K/9
Advanced: .279 BABIP   FIP: 3.687 (Using a 3.1 Constant)

Fastball: (141 Thrown)
Velo: 91.33 mph   TOP: 96 mph   IVB: 15.59 (15.42 on swinging strikes)   **HZ: 14.17**
SPIN: 2337   Avg Extension: 6.22'
Slash: .269/.457/.308   4K/8BB   <mark>26% Whiff</mark>   15% Chase   48% Inside of Zone

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Summary:
Why is Trent Hodgdon missing more than double of the amount of bats that David Lally is while throwing approximately the same speed? Hodgdon's fastball has 5" of more carry. David Lally's fastball is approximately flat, meaning that hitters can approximate where the fastball will end up better. Hodgdon's fastball is not following the same trajectory that hitters would assume, meaning they are swinging underneath the fastball. To prepare for Hodgdon's fastball, hitters have to swing above the fastball because it is not falling with gravity as much as they would expect a normal fastball to do so.