

### 14.5" WOA SS Match Barrel w/ M855 Lake City 62Gr. SS109

Shot #	Muzzle Velocity (fps)	170126	Altitude	Air Temp	% Humidity	Pressure
1	2931		13' / 4m	71.2F	50.90%	1002.4mb
2	2944					
3	2922		<b>Vortex PST 1-4 BZO Data for Above Cond.</b>			
4	2933		W:	.2mil R	E:	0
5	2926					
6	2903					
7	2957					
8	2909					
9	2913					
10	2944					
11	2936					
12	2969					
13	2915					
14	2876					
15	2905					
16	2934					
17	2916					
18	2921					
19	2902					
20	2906					
21	2933					
22	2906					

Average MV	2922.773
Standard Deviation	20.79591

**Notes:** Windy conditions may have increased instrumental chronograph error with a resultant increase in velocity error and increase in standard deviation.

### 14.5" WOA SS Match Barrel w/ Federal American Eagle 55Gr. FMJ

Shot #	Muzzle Velocity (fps)	170126	Altitude	Air Temp	% Humidity	Pressure
1	2987		13' / 4m	71.2F	50.90%	1002.4mb
2	2978					
3	2951		Vortex PST 1-4 BZO Data for Above Cond.			
4	2969		W:	0	E:	.2mil D
5	3000					
6	3002					
7	2983					
8	2973					
9	2955					
10	2976					
11	3002					
12	2980					
13	2989					
14	3001					
15	2980					
16						
17						
18						
19						
20						
21						
22						

Average MV	2981.733
Standard Deviation	15.94395

**Notes:** Windy conditions may have increased instrumental chronograph error with a resultant increase in velocity error and increase in standard deviation.

### 14.5" WOA SS Match Barrel w/ Black Hills 77Gr. OTM Match

Shot #	Muzzle Velocity (fps)	170127	Altitude	Air Temp	% Humidity	Pressure
1	2630		13' / 4m	53.2F	43.30%	1008.0mb
2	2613					
3	2643		<b>Vortex PST 1-4 BZO Data for Above Cond.</b>			
4	2607		W:	.2mil R	E:	0
5	2614					
6	2632					
7	2644					
8	2635					
9	2616					
10	2613					
11	2614					
12	2613					
13	2626					
14	2607					
15	2593					
16						
17						
18						
19						
20						
21						
22						

Average MV	2620
Standard Deviation	14.42221

**Notes:** Windy conditions may have increased instrumental chronograph error with a resultant increase in velocity error and increase in standard deviation.

### 15" BCM Standard Barrel w/ M855 Lake City 62Gr. SS109

Shot #	Muzzle Velocity (fps)	170127	Altitude	Air Temp	% Humidity	Pressure
1	2931		13' / 4m	53.2F	43.30%	1008.0mb
2	2971					
3	2920		Vortex PST 1-4 BZO Data for Above Cond.			
4	2908		W:	1mil L	E:	4mil D
5	2939					
6	2913					
7	2941					
8	2913					
9	2926					
10	2881					
11	2889					
12	2870					
13	2928					
14	2909					
15	2927					
16	2921					
17	2917					
18	2898					
19	2901					
20	2925					
21	2924					
22	2911					
23	2908					
24	2948					
25	2960					

Average MV	2919.16
Standard Deviation	22.82667

**Notes:** Windy conditions may have increased instrumental chronograph error with a resultant increase in velocity error and increase in standard deviation.

## 16" BCM Standard Barrel w/ Black Hills 77Gr. OTM Match

Shot #	Muzzle Velocity (fps)	170127	Altitude	Air Temp	% Humidity	Pressure
1	2566		13' / 4m	53.2F	43.30%	1008.0mb
2	2595					
3	2622		<b>Vortex PST 1-4 BZO Data for Above Cond.</b>			
4	2630		W:	1mil L	E:	3.8mil D
5	2612					
6	2606					
7	2614					
8	2637					
9	2595					
10	2613					
11	2612					
12	2641					
13	2628					
14	2621					
15	2610					
16						
17						
18						
19						
20						
21						
22						



<b>Average MV</b>	2613.467
<b>Standard Deviation</b>	18.77257

**Notes:** Windy conditions may have increased instrumental chronograph error with a resultant increase in velocity error and increase in standard deviation.

Poor lighting, shooting into sun with the target shaded, making discriminating reticle from target difficult resulting in potential accuracy error.