

CARTRIDGE: .300 WSM (CIP)

Bullet: .308, 198, Flatline

Useable Case Capacity: 71.337 grain H₂O = 4.632 cm³

Cartridge O.A.L. L6: 3.325 inch = 84.46 mm

Barrel Length: 26.0 inch = 660.4 mm



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Predicted Data for Indicated Charges of the Following Powders.

Matching Maximum Pressure: 55839 psi, or 385 Mpa

These calculations refer to your specified settings in QuickLOAD 'Cartridge Dimensions' window.

CAUTION : any load listed can result in a powder charge that falls below minimum suggested loads or exceeds maximum suggested loads as presented in current handloading manuals. Understand that all of the listed powders can be unsuitable for the given combination of cartridge, bullet and gun. Actual load order can vary, depending upon lot-to-lot powder and component variations. While none of the following loads should yield pressure signs, we recommend a 2 to 3 grain reduction in the load prior to starting your ladder test(s) **USE ONLY FOR COMPARISON**

Type	mc (gr)	fill (%)	vel (fps)	Pmax (psi)	Z (%)	t (ms)	Pmuz (psi)
Alliant Reloder-26	68.9433	98.0000	2921.6311	55839.5071	100.0000	1.3219	10394.4400
Norma MRP	67.3694	98.0000	2892.5676	55839.5071	99.8568	1.3220	10516.5583
Vihtavuori N560	67.0631	100.0000	2881.4120	55839.5071	97.9772	1.3187	10748.1981
ReloadSwiss RS 70	66.5985	95.0000	2880.7185	55839.5071	99.9743	1.3091	10186.6557
IMR 7828 SSC	66.5988	99.0000	2867.1975	55839.5071	98.3407	1.3093	10401.2209
Accurate MAGPRO	69.9071	100.0000	2864.6974	55367.1778	96.6018	1.3313	10797.7932
Raufoss RA15	66.4567	100.0000	2858.8365	55839.5071	99.2325	1.3263	10342.4111
Alliant Reloder-22	66.4567	100.0000	2858.8365	55839.5071	99.2325	1.3263	10342.4111
ReloadSwiss RS 60	61.1362	89.0000	2854.7886	55839.5071	100.0000	1.3167	9252.3586
ADI AR 2213	66.1326	99.0000	2852.5902	55839.5071	98.2204	1.3094	10310.5231
Ramshot Magnum	71.6226	100.0000	2834.9771	55048.4361	99.5499	1.3252	9932.6982
Elcho 17	60.3959	88.0000	2829.4871	55839.5071	100.0000	1.3274	9182.8359
Alliant Reloder-17	60.3959	88.0000	2829.4871	55839.5071	100.0000	1.3274	9182.8359
ADI AR 2209	62.9110	96.0000	2814.7930	55839.5071	99.0574	1.3186	9769.5787
Alliant Reloder-19	63.4907	97.0000	2811.0927	55839.5071	99.0882	1.3276	9815.7969
PB Clermont PCL 511	62.4815	89.0000	2807.5085	55839.5071	99.9798	1.3347	9492.7129
ReloadSwiss RS 62	62.5550	91.0000	2807.2078	55839.5071	100.0000	1.3482	9278.4223
Ramshot Hunter	62.5796	92.0000	2806.3410	55839.5071	99.9792	1.3348	9480.6018
Alliant Reloder-16	59.9391	94.0000	2806.1189	55839.5071	100.0000	1.3398	9050.2448
Hodgdon H414	60.4689	87.0000	2801.2092	55839.5071	99.8094	1.3374	9492.0215
Winchester 760	60.4689	87.0000	2801.2092	55839.5071	99.8094	1.3374	9492.0215
Somchem S365	61.2681	94.0000	2795.7819	55839.5071	100.0000	1.3447	8757.3561
SNPE Vectan SP 12	70.1930	100.0000	2791.6702	50229.0319	97.8716	1.3715	10399.8623
Rottweil R905	65.2609	100.0000	2789.4845	53840.8597	97.4919	1.3518	9968.3439
Hodgdon H4831 SC	65.1646	98.0000	2788.0801	55839.5071	97.5553	1.3250	9700.7982
Raufoss RA4	62.2074	95.0000	2786.8780	55839.5071	98.9158	1.3303	9557.6508
Norma 204	62.2074	92.0000	2786.8780	55839.5071	98.9158	1.3303	9557.6508
PB Clermont PCL 517	70.1930	100.0000	2786.8679	49948.1559	97.7279	1.3744	10402.6349

Winchester WXR	65.0464	100.0000	2785.4748	51417.7900	98.5495	1.3779	10155.5418
Bofors RP15	65.0464	100.0000	2785.4748	51417.7900	98.5495	1.3779	10155.5418
Norma URP	59.5497	92.0000	2783.0076	55839.5071	100.0000	1.3441	9034.7735
Vihtavuori N550	59.7177	89.0000	2782.9038	55839.5071	100.0000	1.3489	9151.4627
Accurate 4350	59.7176	91.0000	2777.4385	55839.5071	100.0000	1.3644	8998.1838
Somchem S385	64.3227	97.0000	2775.5969	55839.5071	99.5633	1.3515	9378.5168
Alliant Reloder-23	64.3316	100.0000	2774.3531	51674.1778	100.0000	1.3793	9211.8076
Winchester Supreme 780	66.2964	96.0000	2768.7531	55839.5071	98.9830	1.3345	9368.2038
Accurate 3100	65.7260	100.0000	2765.8175	55839.5071	99.9788	1.3664	9121.2288
IMR 4831	60.5082	96.0000	2765.8114	55839.5071	100.0000	1.3542	8838.5098
Rottweil R904	61.8314	95.0000	2756.9967	55839.5071	98.1843	1.3337	9314.3588
IMR 7828	63.9028	100.0000	2748.8111	49015.3463	96.9917	1.3875	10048.9963
Lovex S070	59.3963	91.0000	2746.3759	55839.5071	99.8337	1.3560	9015.4130
Hodgdon Hybrid 100V	59.8443	94.0000	2743.1386	55839.5071	100.0000	1.3449	8319.7463
ADI AP 2214	68.2630	100.0000	2738.7008	49422.6996	97.1809	1.3788	9932.5261
Alliant Reloder-25	65.4038	100.0000	2736.0444	46307.4677	99.8953	1.4204	9868.9603
Hodgdon H4831	63.9028	100.0000	2734.6458	52528.6793	96.9214	1.3621	9535.0247
Somchem S361	66.2295	95.0000	2729.1919	55839.5071	97.4836	1.3462	9160.4228
Bofors RP7	57.6670	89.0000	2727.4155	55839.5071	99.5518	1.3506	8885.4128
Rottweil R907	57.6670	89.0000	2727.4155	55839.5071	99.5518	1.3506	8885.4128
IMR 4007 SSC	57.7134	87.0000	2726.8776	55839.5071	99.5504	1.3506	8879.9619
Lovex S065	58.0394	90.0000	2723.7141	55839.5071	99.9971	1.3571	8661.3217
Rottweil R903	56.2600	86.0000	2720.8094	55839.5071	100.0000	1.3695	8283.8307
Somchem S355	55.7524	87.0000	2717.8565	55839.5071	100.0000	1.3624	8303.3920
Vihtavuori N165	65.0464	100.0000	2708.7237	52322.3343	98.9771	1.3795	9057.2205
Vihtavuori N160	63.0450	100.0000	2693.7650	52801.3862	97.5657	1.3719	9015.2365
Bofors RP30	65.7612	100.0000	2654.3203	42452.5027	95.9450	1.4797	10099.9450
Norma MRP 2	65.7612	100.0000	2654.3203	42452.5027	95.9450	1.4797	10099.9450
Vihtavuori N570	69.3352	100.0000	2633.7800	40673.7466	89.0637	1.4926	10622.9463
Lovex S071	62.1873	100.0000	2622.7843	46945.9981	99.4338	1.4723	8849.7518
Hodgdon H1000	65.0464	100.0000	2589.4434	42044.3912	94.8932	1.4751	9422.3439
ADI AR 2217	65.0464	100.0000	2589.4434	42044.3912	94.8932	1.4751	9422.3439
ADI AR 2225	66.1186	100.0000	2555.2959	37355.3010	96.9114	1.5429	9886.0260
Hodgdon Retumbo	66.1186	100.0000	2555.2959	37355.3010	96.9114	1.5429	9886.0260
Alliant Reloder-33	71.3366	100.0000	2554.9320	37877.4690	87.8521	1.5374	10258.7900
ReloadSwiss RS 80	71.3366	100.0000	2507.9070	36088.2503	87.3648	1.5653	10082.8041
ADI AR 2218	70.0500	100.0000	2482.0405	36439.7204	83.8474	1.5577	10004.9011
Lovex D100	70.7648	100.0000	2478.4117	41366.6290	83.3093	1.5108	8681.4626
Norma 217	64.7605	100.0000	2472.5580	33202.7084	94.2988	1.6206	9783.3900
Vihtavuori 24N41	70.0500	100.0000	2455.6616	38523.7444	80.0406	1.5388	8954.7187
Vihtavuori N170	65.0464	100.0000	2449.4341	39075.2167	86.7729	1.5652	8733.2996
Hodgdon H870	67.9056	100.0000	2432.1790	33219.0973	87.0578	1.6225	9603.3097
Alliant Reloder-50	71.1222	100.0000	2381.5097	30810.6306	82.6606	1.7092	9680.3603
Hodgdon 50BMG	66.7620	100.0000	2294.5685	32293.4830	71.9179	1.6562	8225.2626
Hodgdon US 869	70.0500	100.0000	2293.9003	31957.4372	75.9113	1.6644	8286.2405
SNPE Vectan SP 13	67.1908	100.0000	2259.1100	29622.2258	80.8381	1.7140	8241.8317
Accurate 8700	68.6204	100.0000	2224.5174	28981.5769	78.7896	1.7234	8091.7856
Vihtavuori 20N29	70.7648	100.0000	2199.5601	27837.3531	75.2923	1.7526	8099.5648