

## CARTRIDGE: .300 Rem Ultra Mag

Bullet: .308, 198, Flatline

Useable Case Capacity: 103.193 grain H<sub>2</sub>O = 6.700 cm<sup>3</sup>

Cartridge O.A.L. L6: 4.120 inch = 104.65 mm

Barrel Length: 30.0 inch = 762.0 mm



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*Predicted Data for Indicated Charges of the Following Powders.*

Matching Maximum Pressure: 56854 psi, or 392 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)
Vihtavuori N570	98.1940	98.0000	3293.3750	56854.7709	98.8813	1.4122	12050.0326
Alliant Reloder-33	102.8079	100.0000	3272.2222	56854.7709	99.1640	1.4190	11852.2790
ReloadSwiss RS 80	103.1931	100.0000	3242.7596	54744.0391	99.3306	1.4396	11731.6277
ADI AR 2218	101.3319	100.0000	3242.6458	52344.3588	98.7007	1.4378	12165.2451
Vihtavuori N560	87.2425	90.0000	3234.1395	56854.7709	99.9298	1.4028	10859.8374
Bofors RP30	92.3114	97.0000	3224.7150	56854.7709	100.0000	1.4223	10718.4852
Norma MRP 2	92.3114	97.0000	3224.7150	56854.7709	100.0000	1.4223	10718.4852
IMR 7828	86.8652	94.0000	3224.2711	56854.7709	99.9952	1.3921	10506.2573
IMR 7828 SSC	86.8652	89.0000	3224.2711	56854.7709	99.9952	1.3921	10506.2573
Accurate MAGPRO	91.0570	90.0000	3224.1677	56854.7709	99.5679	1.4150	10992.2676
PB Clermont PCL 517	94.0179	93.0000	3222.2715	56854.7709	100.0000	1.4086	10543.3173
SNPE Vectan SP 12	93.8623	92.0000	3220.9787	56854.7709	100.0000	1.4090	10518.6405
Norma MRP	87.3248	88.0000	3218.3213	56854.7709	100.0000	1.4138	10372.2921
Alliant Reloder-26	88.6822	87.0000	3218.3118	56854.7709	100.0000	1.4276	10207.0535
ADI AR 2213	86.5917	90.0000	3214.4621	56854.7709	99.9877	1.3878	10455.4930
ReloadSwiss RS 70	86.6955	86.0000	3212.7424	56854.7709	100.0000	1.3955	10083.9781
ADI AP 2214	92.6783	94.0000	3209.0635	56854.7709	100.0000	1.3906	10234.1975
Hodgdon H1000	92.8635	99.0000	3206.3343	56854.7709	100.0000	1.3908	10204.2944
ADI AR 2217	92.8635	99.0000	3206.3343	56854.7709	100.0000	1.3908	10204.2944
Alliant Reloder-25	89.8045	95.0000	3205.5385	56854.7709	100.0000	1.4083	9958.4697
ADI AR 2225	95.6449	100.0000	3205.4852	53984.2812	100.0000	1.4350	10397.7316
Hodgdon Retumbo	95.6449	100.0000	3205.4852	53984.2812	100.0000	1.4350	10397.7316
Raufoss RA15	86.6030	90.0000	3202.0072	56854.7709	100.0000	1.4094	10319.3848
Alliant Reloder-22	86.6030	90.0000	3202.0072	56854.7709	100.0000	1.4094	10319.3848
Winchester WXR	87.0139	92.0000	3200.9857	56854.7709	100.0000	1.4099	10335.8118
Bofors RP15	87.0139	92.0000	3200.9857	56854.7709	100.0000	1.4099	10335.8118
Rottweil R905	86.3678	91.0000	3181.4450	56854.7709	99.9134	1.4067	10249.9374
Alliant Reloder-19	83.3757	88.0000	3169.1609	56854.7709	100.0000	1.3977	9920.1219

Ramshot Magnum	93.4049	90.0000	3167.2818	56854.7709	100.0000	1.4174	9788.2140
Vihtavuori 24N41	101.3319	100.0000	3155.2571	54850.6160	94.2147	1.4250	11038.8275
Hodgdon H4831	85.7143	93.0000	3153.7043	56854.7709	99.8467	1.3967	9961.2321
Hodgdon H4831 SC	85.7143	89.0000	3153.7043	56854.7709	99.8467	1.3967	9961.2321
Norma 217	93.6803	100.0000	3139.9756	50041.1810	100.0000	1.5125	10633.4954
Alliant Reloder-23	85.5188	92.0000	3137.7079	56854.7709	100.0000	1.4244	9274.0645
Hodgdon H870	98.2299	100.0000	3129.9061	49322.8624	98.8858	1.5138	11302.6474
Somchem S385	84.4103	88.0000	3123.0263	56854.7709	100.0000	1.4224	9414.6218
Winchester Supreme 780	87.1812	87.0000	3118.2038	56854.7709	100.0000	1.4102	9444.2228
Alliant Reloder-50	102.8829	100.0000	3114.0477	48685.5480	97.3365	1.5564	11741.7344
Lovex D100	101.0453	99.0000	3112.3218	56854.7709	95.2003	1.4212	10294.8374
Vihtavuori N165	87.1459	93.0000	3106.2997	56854.7709	100.0000	1.4155	9209.4367
IMR 4831	79.4313	87.0000	3102.7325	56854.7709	100.0000	1.4218	8944.9692
Vihtavuori N170	94.0939	100.0000	3096.3912	54386.5611	97.2612	1.4568	10313.0697
Accurate 3100	86.0074	90.0000	3095.1840	56854.7709	100.0000	1.4454	9091.4063
Lovex S071	86.0074	96.0000	3095.1840	56854.7709	100.0000	1.4454	9091.4063
Somchem S361	87.4365	86.0000	3093.1143	56854.7709	99.8341	1.4118	9416.7316
Hodgdon 50BMG	96.5755	100.0000	2967.5702	45629.7390	87.1025	1.5607	10591.5899
Hodgdon US 869	101.3319	100.0000	2967.1502	45834.6531	91.3349	1.5660	10472.4793
SNPE Vectan SP 13	97.1959	100.0000	2912.9553	42880.8518	94.9312	1.6246	10171.3798
Accurate 8700	99.2639	100.0000	2898.6191	41175.5362	94.7510	1.6329	10203.8626
Vihtavuori 20N29	102.3659	100.0000	2881.2745	40872.8863	92.1713	1.6628	10366.5305