

## CARTRIDGE: .300 Rem Ultra Mag

Bullet: .308, 198, Flatline

Useable Case Capacity: 102.346 grain H<sub>2</sub>O = 6.645 cm<sup>3</sup>

Cartridge O.A.L. L6: 4.075 inch = 103.51 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: 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	96.9999	98.0000	3180.7012	56854.7709	97.4372	1.3012	13846.8569
Alliant Reloder-33	101.5660	99.0000	3161.0131	56854.7709	97.8430	1.3075	13629.9663
ReloadSwiss RS 80	102.3459	100.0000	3146.9183	55571.9128	98.2271	1.3173	13542.6400
ADI AR 2218	100.4999	100.0000	3141.2241	53105.7637	97.1430	1.3155	13973.9698
Vihtavuori N560	86.1962	89.0000	3133.5835	56854.7709	99.3620	1.2912	12606.7472
Alliant Reloder-26	87.5094	86.0000	3129.9382	56854.7709	100.0000	1.3142	11897.4259
IMR 7828 SSC	85.8548	89.0000	3127.9233	56854.7709	99.6257	1.2799	12251.8353
IMR 7828	85.8548	94.0000	3127.9233	56854.7709	99.6257	1.2799	12251.8353
PB Clermont PCL 517	92.8927	92.0000	3125.4706	56854.7709	99.8671	1.2956	12323.9174
ADI AR 2225	94.8596	100.0000	3125.4445	54713.5915	100.0000	1.3121	12163.4007
Hodgdon Retumbo	94.8596	100.0000	3125.4445	54713.5915	100.0000	1.3121	12163.4007
Norma MRP	86.2317	88.0000	3125.3444	56854.7709	100.0000	1.3012	12102.9301
Norma MRP 2	91.1228	97.0000	3125.3336	56854.7709	99.8182	1.3100	12503.0465
Bofors RP30	91.1228	97.0000	3125.3336	56854.7709	99.8182	1.3100	12503.0465
SNPE Vectan SP 12	92.7366	92.0000	3124.4615	56854.7709	99.8856	1.2961	12297.3522
ReloadSwiss RS 70	85.6756	85.0000	3124.3689	56854.7709	100.0000	1.2825	11773.2777
Accurate MAGPRO	89.9387	90.0000	3120.0937	56854.7709	98.6077	1.3034	12702.5971
Alliant Reloder-25	88.7299	95.0000	3119.9954	56854.7709	100.0000	1.2945	11619.9702
ADI AR 2213	85.5976	90.0000	3118.3948	56854.7709	99.5817	1.2755	12163.7721
ADI AP 2214	91.6443	94.0000	3115.9613	56854.7709	99.8354	1.2772	11975.4545
ADI AR 2217	91.8276	98.0000	3113.3864	56854.7709	99.8327	1.2774	11941.5268
Hodgdon H1000	91.8276	98.0000	3113.3864	56854.7709	99.8327	1.2774	11941.5268
Raufoss RA15	85.5363	90.0000	3106.7994	56854.7709	99.9478	1.2973	12044.7978
Alliant Reloder-22	85.5363	90.0000	3106.7994	56854.7709	99.9478	1.2973	12044.7978
Winchester WXR	85.9552	92.0000	3105.7676	56854.7709	99.9249	1.2975	12060.9002
Bofors RP15	85.9552	92.0000	3105.7676	56854.7709	99.9249	1.2975	12060.9002
Rottweil R905	85.3450	91.0000	3084.8913	56854.7709	99.3442	1.2940	11910.8312
ADI AR 2209	81.6746	87.0000	3083.3990	56854.7709	99.9018	1.2760	11552.9176

Alliant Reloder-19	82.4124	87.0000	3077.6468	56854.7709	99.9114	1.2845	11575.5239
Ramshot Magnum	92.2673	90.0000	3077.6261	56854.7709	100.0000	1.3029	11457.6474
Raufoss RA4	81.0154	86.0000	3061.4383	56854.7709	99.8561	1.2823	11353.0250
Hodgdon H4831 SC	84.7428	89.0000	3059.5893	56854.7709	99.2044	1.2829	11553.1992
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Norma 217	92.9112	100.0000	3058.0414	51156.1651	99.9939	1.3805	12442.1645
Alliant Reloder-23	84.4238	91.0000	3057.1509	56854.7709	100.0000	1.3090	10800.0286
Vihtavuori 24N41	100.4999	100.0000	3056.6284	55508.1456	92.0486	1.3037	12558.1321
Rottweil R904	80.8150	87.0000	3040.3571	56854.7709	99.5350	1.2805	11170.9148
Hodgdon H870	97.4234	100.0000	3036.7616	50319.9056	97.6042	1.3819	12995.7750
Somchem S385	83.3778	87.0000	3034.7352	56854.7709	100.0000	1.3087	11008.7168
Winchester Supreme 780	86.1612	87.0000	3029.1085	56854.7709	99.9139	1.2953	11025.1413
Hodgdon H4350	78.9960	86.0000	3026.5636	56854.7709	99.9997	1.2811	10725.2882
IMR 4831	78.4331	87.0000	3022.4168	56854.7709	100.0000	1.3067	10438.0306
Alliant Reloder-50	102.0382	100.0000	3020.0635	50079.2839	95.6383	1.4174	13413.7868
Vihtavuori N165	86.1133	92.0000	3019.8072	56854.7709	99.9941	1.3004	10781.4908
Vihtavuori N160	83.8827	93.0000	3018.9234	56854.7709	99.5241	1.2868	10944.5631
Lovex S071	84.8240	95.0000	3009.4338	56854.7709	100.0000	1.3311	10615.7721
Accurate 3100	84.8240	90.0000	3009.4338	56854.7709	100.0000	1.3311	10615.7721
Lovex D100	99.8819	98.0000	3007.1010	56854.7709	93.0821	1.3063	11720.1359
Vihtavuori N170	93.3214	100.0000	3003.9183	55126.7109	95.6971	1.3340	11828.7046
Somchem S361	86.4812	86.0000	3002.1392	56854.7709	99.2152	1.2969	10934.4302
Hodgdon Hybrid 100V	77.5855	85.0000	2997.0761	56854.7709	100.0000	1.2982	9889.5952
Hodgdon US 869	100.4999	100.0000	2872.1219	46823.9677	88.9165	1.4193	11831.4501
Hodgdon 50BMG	95.7826	100.0000	2869.7330	46592.7738	84.4650	1.4141	11911.2774
SNPE Vectan SP 13	96.3979	100.0000	2823.6204	44084.1420	92.8991	1.4606	11552.1404
Accurate 8700	98.4489	100.0000	2809.7010	42313.3076	92.5786	1.4635	11576.7372
Vihtavuori 20N29	101.5254	100.0000	2791.1920	42160.4651	89.7940	1.4869	11706.2976