

Firearm	Weatherby Vanguard		Load:	270 Win 130 Grain	Range	Elev.	Energy
					yards	Inch	ft/lbs
Goal:	Deer Load				0	-1.5	2751
					10	-0.91	2712
Suggest COAL:	3.34	Distance from base to shoulder		2.045	20	-0.37	2675
					30	0.13	2638
Bullet Diameter	0.277	Base to Shoulder after shot			40	0.6	2601
					50	1.02	2564
Case Length		2.54	Jam CBTO	2.893	60	1.41	2528
Cartridge COAL:		3.30	Cart CBTO	2.843	70	1.76	2493
Case:	.270 Winchester TL42, WSC270WU				80	2.07	2458
Primer:	Federal LRP no. 210		Powder:	VihtaVuori N560	90	2.33	2423
					100	2.56	2389
Bullet	130 Grain Hornady SST, \$0.39 per		BC:	0.46	110	2.74	2355
			SD:	2.42	120	2.88	2322
Manual:	Modern Reloading - Lee 2 nd edition				130	2.98	2289
Minimum Charge Weight:		56.2 Grains	Minimum Velocity	2876 f/s	140	3.03	2256
					150	3.04	2224
Maximum Charge Weight:		61.3 Grains	Maximum Velocity	3132 f/s	160	3	2192
					170	2.92	2160
Charge Weight	60.3 Grains	Average Velocity	3087 f/s		180	2.79	2129
					190	2.62	2098
Sight in	+2.56 at 100 yds	Zero:	260 yards		200	2.39	2068
		MPBR:	310 yards		210	2.12	2038
8/27/23	2 nd firing				220	1.8	2008
10/15/23	3 rd firing	4 rounds 130 gr. GMX Mono			230	1.43	1979
					240	1.01	1950
					250	0.53	1921
					260	0.01	1893
					270	-0.57	1865
					280	-1.2	1837
					290	-1.89	1810
					300	-2.63	1782
					310	-3.43	1756
					320	-4.29	1729
					330	-5.2	1703
					340	-6.18	1677
					350	-7.21	1652