

300 WSM Ballistic Tip

Powder Viht N550
Charge 64.5
Velocity 3181
Barrell 26"

BC 0.475
SD 0.248
Bullet 165 g
Twist 1 in 10

Range	Path	ComeUp	Velocity	Energy	Momentum	ToF	Windage	Windage	Optimal
yds	in	clicks	fps	ft/lbs	lb ft/s	sec	in	clicks	Game Wgt
Muzzle	-1.5	Infinity	3181	3707	74.98	0	0	NaN	1314
100	1.2	-5	2974	3241	70.11	0.098	0.6	2	1075
200	0	0	2777	2826	65.46	0.202	2.4	4	875
300	-5.7	7	2589	2455	61.02	0.314	5.5	7	708
400	-16.7	16	2408	2125	56.77	0.434	10	10	570
500	-33.6	26	2236	1832	52.71	0.563	16.2	12	457
600	-57.5	37	2070	1571	48.8	0.703	24.1	15	362
700	-89.5	49	1912	1339	45.07	0.854	34.1	19	285
800	-131.1	63	1762	1137	41.52	1.017	46.2	22	223
900	-183.9	78	1620	962	38.19	1.195	60.9	26	174
1000	-250	95	1488	812	35.08	1.388	78.3	30	135

300 WSM Ballistic Tip

Powder IMR4831
Charge 67.5
Velocity 3082
Barrell 26"

BC 0.507
SD 0.271
Bullet 180 g
Twist 1 in 10

Range	Path	ComeUp	Velocity	Energy	Momentum	ToF	Windage	Windage	Optimal
yds	in	clicks	fps	ft/lbs	lb ft/s	sec	in	clicks	Game Wgt
Muzzle	-1.5	Infinity	3082	3796	79.25	0	0	NaN	1423
100	1.3	-5	2892	3344	74.38	0.101	0.6	2	1176
200	0	0	2711	2937	69.71	0.208	2.3	4	968
300	-6.1	8	2537	2572	65.23	0.322	5.3	7	793
400	-17.6	17	2370	2244	60.93	0.445	9.7	9	647
500	-35.2	27	2210	1951	56.82	0.576	15.7	12	524
600	-60.1	38	2055	1688	52.85	0.717	23.3	15	422
700	-93.1	51	1907	1453	49.04	0.868	32.9	18	337
800	-135.8	65	1766	1247	45.41	1.032	44.5	21	268
900	-189.6	80	1633	1066	41.99	1.208	58.5	25	212
1000	-256.5	98	1508	909	38.79	1.4	75	29	167

300 Winchester Magnum Ballistic tip

Powder RL22
Charge 79
Velocity 3290
Barrell 24"

BC 0.475
SD 0.248
Bullet 165 g
Twist 1 in 10

Range	Path	ComeUp	Velocity	Energy	Momentum	ToF	Windage	Windage	Optimal
yds	in	clicks	fps	ft/lbs	lb ft/s	sec	in	clicks	Game Wgt
Muzzle	-1.5	Infinity	3290	3965	77.55	0	0	NaN	1454
100	1.1	-4	3078	3472	72.56	0.094	0.5	2	1191
200	0	0	2877	3031	67.8	0.195	2.3	4	972
300	-5.3	7	2684	2638	63.26	0.303	5.2	7	789
400	-15.4	15	2499	2288	58.91	0.419	9.6	9	637
500	-31.1	24	2323	1977	54.75	0.544	15.4	12	512
600	-53.3	34	2154	1700	50.77	0.678	23	15	408
700	-83	45	1992	1453	46.95	0.823	32.4	18	323
800	-121.4	58	1837	1236	43.3	0.98	44	21	253
900	-170.2	72	1691	1048	39.86	1.15	57.9	25	197
1000	-231.2	88	1554	885	36.63	1.335	74.5	28	153

300 Winchester Magnum Ballistic tip

Powder IMR4831
Charge 73
Velocity 3160
Barrell 24"

BC 0.507
SD 0.271
Bullet 180 g
Twist 1 in 10

Range	Path	ComeUp	Velocity	Energy	Momentum	ToF	Windage	Windage	Optimal
yds	in	clicks	fps	ft/lbs	lb ft/s	sec	in	clicks	Game Wgt
Muzzle	-1.5	Infinity	3160	3991	81.26	0	0	NaN	1534
100	1.2	-5	2967	3519	76.3	0.098	0.5	2	1270
200	0	0	2782	3094	71.55	0.202	2.2	4	1047
300	-5.7	7	2605	2713	66.99	0.314	5.1	7	859
400	-16.6	16	2435	2371	62.63	0.433	9.4	9	702
500	-33.3	25	2273	2064	58.44	0.561	15.1	12	571
600	-56.8	36	2116	1790	54.41	0.697	22.5	14	461
700	-88	48	1965	1544	50.54	0.845	31.7	17	369
800	-128.3	61	1821	1326	46.84	1.003	42.9	20	294
900	-179.1	76	1685	1135	43.33	1.175	56.3	24	233
1000	-242.1	92	1557	969	40.04	1.36	72.2	28	183

338-06 A-Square Ballistic Tip

Powder IMR4064
Charge 58
Velocity 2971
Barrell 24"

BC 0.372
SD 0.225
Bullet 180 g
Twist 1 in 10

Range	Path	ComeUp	Velocity	Energy	Momentum	ToF	Windage	Windage	Optimal
yds	in	clicks	fps	ft/lbs	lb ft/s	sec	in	clicks	Game Wgt
Muzzle	-1.5	Infinity	2971	3528	76.4	0	0	NaN	1275
100	1.6	-6	2721	2959	69.97	0.106	0.8	3	979
200	0	0	2485	2467	63.89	0.221	3.4	6	746
300	-7.3	9	2262	2045	58.16	0.348	7.9	10	562
400	-21.3	20	2050	1680	52.72	0.487	14.6	14	419
500	-43.7	33	1850	1368	47.58	0.641	24	18	308
600	-76.3	49	1664	1107	42.8	0.812	36.3	23	224
700	-121.5	66	1494	892	38.41	1.003	52	28	162
800	-182.3	87	1342	720	34.52	1.215	71.6	34	118
900	-262.5	111	1214	589	31.22	1.45	95.3	40	87
1000	-366.2	140	1113	495	28.63	1.709	123	47	67

338 Winchester magnum Ballistic Tip

Powder H4350
Charge 76
Velocity 3281
Barrell 24"

BC 0.372
SD 0.225
Bullet 180 g
Twist 1 in 10

Range	Path	ComeUp	Velocity	Energy	Momentum	ToF	Windage	Windage	Optimal
yds	in	clicks	fps	ft/lbs	lb ft/s	sec	in	clicks	Game Wgt
Muzzle	-1.5	Infinity	3281	4302	84.37	0	0	NaN	1717
100	1.2	-4	3013	3629	77.48	0.095	0.7	3	1330
200	0	0	2761	3046	70.99	0.2	2.9	6	1023
300	-5.8	7	2522	2543	64.86	0.313	6.9	9	780
400	-17	16	2297	2109	59.07	0.438	12.7	12	589
500	-34.8	27	2084	1736	53.59	0.575	20.8	16	440
600	-60.7	39	1882	1416	48.4	0.727	31.3	20	324
700	-96.4	53	1694	1147	43.55	0.895	44.8	24	236
800	-144.3	69	1520	924	39.1	1.082	61.7	29	171
900	-207.3	88	1366	745	35.11	1.291	82.3	35	124
1000	-289	110	1234	608	31.72	1.522	106.9	41	91