

Exbal Ballistic Calculator

WT7.62X40 : Nosler BT Hunting 0.308" 125gr BT Spitzer

	SIGHT-IN DATA	FIELD DATA	POINT BLANK RANGE DATA			
Muzzle Velocity (fps)	2325	2325	TARGET HEIGHT (in)	SIGHT-IN DISTANCE (yd)	POINT BLANK HIGH (yd)	RANGE LOW (yd)
Bullet Weight (grains)	125					
Sight Height (in)	1.8					
Sight-in Distance (yd)	100		2	139	87	158
Altitude (ft)	80	80	4	173	102	201
Temperature (deg F)	91	91	6	199	113	232
Pressure@Sea Level (in Hg)	29.53	29.53	8	221	124	258
Relative Humidity (pct)	84.0	84.0	10	240	133	281
Wind Velocity (mph)		10				
Wind Angle (degrees)		90 ( 3.0 O'Clock)				
Incline Angle (degrees)		0				
Moving Target Speed (mph)		0.0				
Ballistic Coefficient	0.366					

MAX APPARENT TRAJECTORY (in) 0.2

TARGET SIGHT ADJUSTMENTS				TRAJECTORY VALUES			Drop from ARRIVAL			
DIST (yd)	ELEV MOA	WIND MOA	LEAD MOA	ELEV (in)	WIND (in)	LEAD (in)	VELOCITY (fps)	ENERGY (ft-lb)	bore line (in)	TIME (sec)
0	0.00	0.00	0.00	-1.8	0.0	0.0	2325	1500	0.0	0.0000
50	-0.00	0.50	0.00	0.0	-0.3	0.0	2219	1367	-0.8	0.0660
100	0.00	1.00	0.00	-0.0	-1.1	0.0	2116	1243	-3.4	0.1352
150	1.25	1.50	0.00	-1.9	-2.5	0.0	2017	1129	-7.9	0.2078
200	3.00	2.25	0.00	-6.0	-4.6	0.0	1920	1023	-14.6	0.2840
250	4.75	2.75	0.00	-12.5	-7.3	0.0	1826	925	-23.6	0.3641
300	6.75	3.50	0.00	-21.5	-10.8	0.0	1734	835	-35.2	0.4483
350	9.25	4.00	0.00	-33.4	-15.0	0.0	1647	753	-49.7	0.5370
400	11.50	4.75	0.00	-48.6	-20.1	0.0	1565	679	-67.4	0.6305
450	14.25	5.50	0.00	-67.3	-26.1	0.0	1486	613	-88.6	0.7288
500	17.25	6.25	0.00	-89.9	-32.9	0.0	1412	553	-113.8	0.8323
550	20.25	7.00	0.00	-116.9	-40.7	0.0	1344	501	-143.4	0.9412
600	23.75	8.00	0.00	-148.6	-49.5	0.0	1282	456	-177.7	1.0554
650	27.25	8.75	0.00	-185.7	-59.2	0.0	1226	417	-217.3	1.1750
700	31.25	9.50	0.00	-228.5	-69.8	0.0	1175	383	-262.7	1.3000
750	35.25	10.25	0.00	-277.7	-81.4	0.0	1131	355	-314.4	1.4302
800	39.75	11.25	0.00	-333.6	-93.8	0.0	1092	331	-372.9	1.5653
850	44.50	12.00	0.00	-396.8	-107.0	0.0	1058	311	-438.7	1.7049
900	49.75	12.75	0.00	-467.8	-121.0	0.0	1028	293	-512.3	1.8489
950	55.00	13.75	0.00	-547.0	-135.7	0.0	1001	278	-594.0	1.9969
1000	60.75	14.50	0.00	-634.9	-151.1	0.0	976	264	-684.5	2.1489
1050	66.50	15.25	0.00	-731.9	-167.1	0.0	954	252	-784.1	2.3045
1100	72.75	16.00	0.00	-838.5	-183.8	0.0	933	242	-893.3	2.4638
1150	79.25	16.75	0.00	-955.1	-201.1	0.0	914	232	-1012.5	2.6265
1200	86.00	17.50	0.00	-1082.2	-219.0	0.0	897	223	-1142.1	2.7926
1250	93.25	18.25	0.00	-1220.1	-237.4	0.0	880	215	-1282.6	2.9618
1300	100.50	18.75	0.00	-1369.3	-256.4	0.0	865	207	-1434.3	3.1343
1350	108.25	19.50	0.00	-1530.2	-276.0	0.0	849	200	-1597.8	3.3101
1400	116.25	20.25	0.00	-1703.2	-296.1	0.0	835	193	-1773.4	3.4890
1450	124.50	20.75	0.00	-1888.8	-316.8	0.0	820	187	-1961.6	3.6712
1500	133.00	21.50	0.00	-2087.5	-338.1	0.0	807	181	-2162.8	3.8567
1550	141.75	22.25	0.00	-2299.7	-360.0	0.0	794	175	-2377.6	4.0455
1600	150.75	22.75	0.00	-2525.9	-382.4	0.0	781	169	-2606.4	4.2375
1650	160.00	23.50	0.00	-2766.6	-405.5	0.0	769	164	-2849.6	4.4329
1700	169.75	24.00	0.00	-3022.2	-429.1	0.0	757	159	-3107.8	4.6315
1750	179.75	24.75	0.00	-3293.4	-453.3	0.0	745	154	-3381.5	4.8335
1800	190.00	25.25	0.00	-3580.5	-478.1	0.0	734	150	-3671.3	5.0388
1850	200.50	26.00	0.00	-3884.2	-503.4	0.0	724	145	-3977.5	5.2475
1900	211.25	26.50	0.00	-4205.0	-529.4	0.0	713	141	-4300.9	5.4595
1950	222.50	27.25	0.00	-4543.5	-556.0	0.0	704	137	-4641.9	5.6750
2000	234.00	27.75	0.00	-4900.1	-583.1	0.0	694	134	-5001.1	5.8938

August 11, 2012