

.308 Dia., 150 Gr. RN

POINT BLANK RANGE COMPUTED FOR 2.5 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE YARDS MUZZLE 50 100 150 200 250 300 400 500

MAXIMUM POINT BLANK RANGE IS 285 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		3500	3234	2984	2749	2545	2356	2175	1837	1563
ENERGY FT-LB		4079	3484	2967	2516	2157	1849	1575	1124	814
DROP INCHES		.00	-.37	-1.57	-3.75	-7.07	-11.74	-17.98	-36.30	-65.00
BULLET PATH	(100 YDS)	-1.50	-.33	.00	-.64	-2.43	-5.57	-10.27	-25.52	-51.15
INCHES	(200 YDS)	-1.50	.27	1.22	1.18	.00	-2.53	-6.62	-20.65	-45.06
(ZERO RANGE)	(300 YDS)	-1.50	1.38	3.42	4.49	4.41	2.99	.00	-11.83	-34.03
	(400 YDS)	-1.50	2.86	6.38	8.93	10.33	10.38	8.87	.00	-19.25
MPBR ZERO	(245 YDS)	-1.50	.72	2.12	2.53	1.80	-.27	-3.92	-17.05	-40.56
WIND DRIFT	(10 MPH)	.00	.30	1.26	2.93	5.38	8.62	12.73	24.06	40.25
INCHES	(20 MPH)	.00	.61	2.52	5.87	10.76	17.23	25.47	48.12	80.51

MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		3400	3140	2896	2669	2475	2288	2110	1779	1520
ENERGY FT-LB		3849	3284	2793	2372	2039	1744	1483	1054	770
DROP INCHES		.00	-.39	-1.66	-3.98	-7.50	-12.45	-19.06	-38.50	-68.98
BULLET PATH	(100 YDS)	-1.50	-.31	.00	-.73	-2.67	-6.04	-11.07	-27.34	-54.65
INCHES	(200 YDS)	-1.50	.36	1.34	1.28	.00	-2.70	-7.06	-22.00	-47.97
(ZERO RANGE)	(300 YDS)	-1.50	1.54	3.69	4.81	4.70	3.18	.00	-12.59	-36.21
	(400 YDS)	-1.50	3.11	6.84	9.53	11.00	11.05	9.44	.00	-20.47
MPBR ZERO	(240 YDS)	-1.50	.78	2.18	2.55	1.69	-.58	-4.51	-18.61	-43.73
WIND DRIFT	(10 MPH)	.00	.32	1.30	3.04	5.55	8.88	13.12	24.84	41.52
INCHES	(20 MPH)	.00	.63	2.61	6.08	11.10	17.75	26.25	49.69	83.04

MAXIMUM POINT BLANK RANGE IS 275 YARDS. SET ZERO AT 235 YARDS.

VELOCITY FPS		3300	3046	2807	2594	2403	2220	2045	1721	1477
ENERGY FT-LB		3626	3091	2624	2241	1923	1641	1393	986	727
DROP INCHES		.00	-.42	-1.77	-4.22	-7.97	-13.23	-20.25	-40.91	-73.33
BULLET PATH	(100 YDS)	-1.50	-.28	.00	-.82	-2.94	-6.56	-11.94	-29.34	-58.48
INCHES	(200 YDS)	-1.50	.45	1.47	1.38	.00	-2.89	-7.54	-23.47	-51.15
(ZERO RANGE)	(300 YDS)	-1.50	1.71	3.98	5.15	5.02	3.39	.00	-13.42	-38.58
	(400 YDS)	-1.50	3.39	7.33	10.18	11.73	11.78	10.06	.00	-21.81
MPBR ZERO	(235 YDS)	-1.50	.85	2.25	2.56	1.57	-.92	-5.18	-20.32	-47.21
WIND DRIFT	(10 MPH)	.00	.33	1.35	3.15	5.72	9.15	13.54	25.69	42.85
INCHES	(20 MPH)	.00	.65	2.71	6.30	11.44	18.30	27.08	51.38	85.71

MAXIMUM POINT BLANK RANGE IS 265 YARDS. SET ZERO AT 225 YARDS.

VELOCITY FPS		3200	2952	2718	2519	2331	2151	1979	1668	1435
ENERGY FT-LB		3410	2902	2460	2113	1809	1541	1304	926	685
DROP INCHES		.00	-.44	-1.88	-4.50	-8.48	-14.07	-21.54	-43.55	-78.08
BULLET PATH	(100 YDS)	-1.50	-.25	.00	-.92	-3.22	-7.11	-12.89	-31.52	-62.67
INCHES	(200 YDS)	-1.50	.55	1.61	1.49	.00	-3.09	-8.06	-25.09	-54.63
(ZERO RANGE)	(300 YDS)	-1.50	1.90	4.30	5.52	5.37	3.63	.00	-14.34	-41.19
	(400 YDS)	-1.50	3.69	7.88	10.90	12.54	12.59	10.75	.00	-23.27
MPBR ZERO	(225 YDS)	-1.50	.85	2.20	2.38	1.18	-1.61	-6.29	-22.73	-51.67
WIND DRIFT	(10 MPH)	.00	.34	1.41	3.25	5.90	9.44	13.98	26.59	44.25
INCHES	(20 MPH)	.00	.68	2.82	6.51	11.79	18.87	27.96	53.19	88.50

MAXIMUM POINT BLANK RANGE IS 260 YARDS. SET ZERO AT 220 YARDS.

VELOCITY FPS		3100	2857	2636	2443	2259	2082	1913	1619	1393
ENERGY FT-LB		3200	2720	2315	1988	1699	1443	1219	873	646
DROP INCHES		.00	-.47	-2.01	-4.79	-9.04	-14.99	-22.94	-46.43	-83.25
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-1.03	-3.52	-7.72	-13.92	-33.90	-67.21
INCHES	(200 YDS)	-1.50	.66	1.76	1.61	.00	-3.31	-8.64	-26.86	-58.40
(ZERO RANGE)	(300 YDS)	-1.50	2.10	4.64	5.93	5.76	3.88	.00	-15.34	-44.01
	(400 YDS)	-1.50	4.02	8.48	11.68	13.43	13.47	11.51	.00	-24.83
MPBR ZERO	(220 YDS)	-1.50	.91	2.26	2.36	1.00	-2.06	-7.13	-24.85	-55.89
WIND DRIFT	(10 MPH)	.00	.35	1.47	3.35	6.07	9.73	14.44	27.51	45.67
INCHES	(20 MPH)	.00	.71	2.93	6.70	12.14	19.45	28.88	55.02	91.34

MAXIMUM POINT BLANK RANGE IS 250 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		3000	2763	2557	2367	2186	2012	1847	1570	1352
ENERGY FT-LB		2997	2542	2177	1866	1591	1348	1136	821	609
DROP INCHES		.00	-.50	-2.15	-5.12	-9.64	-15.99	-24.48	-49.59	-88.89

BULLET PATH	(100 YDS)	-1.50	-.18	.00	-1.15	-3.85	-8.37	-15.05	-36.51	-72.16
INCHES	(200 YDS)	-1.50	.78	1.93	1.74	.00	-3.56	-9.27	-28.81	-62.53
(ZERO RANGE)	(300 YDS)	-1.50	2.33	5.02	6.37	6.18	4.16	.00	-16.45	-47.08
	(400 YDS)	-1.50	4.38	9.13	12.54	14.41	14.45	12.34	.00	-26.52
MPBR ZERO	(215 YDS)	-1.50	.98	2.33	2.34	.80	-2.56	-8.07	-27.20	-60.53
WIND DRIFT	(10 MPH)	.00	.37	1.51	3.44	6.25	10.03	14.93	28.45	47.12
INCHES	(20 MPH)	.00	.74	3.02	6.88	12.49	20.07	29.85	56.90	94.25

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 245 YARDS. SET ZERO AT 210 YARDS.

VELOCITY FPS		2900	2671	2477	2291	2113	1943	1781	1522	1312
ENERGY FT-LB		2800	2377	2044	1748	1486	1257	1057	771	573
DROP INCHES		.00	-.54	-2.29	-5.47	-10.30	-17.08	-26.16	-53.04	-95.03
BULLET PATH	(100 YDS)	-1.50	-.14	.00	-1.27	-4.21	-9.09	-16.28	-39.36	-77.56
INCHES	(200 YDS)	-1.50	.91	2.10	1.88	.00	-3.83	-9.97	-30.94	-67.04
(ZERO RANGE)	(300 YDS)	-1.50	2.57	5.43	6.86	6.64	4.48	.00	-17.65	-50.42
	(400 YDS)	-1.50	4.78	9.84	13.48	15.47	15.51	13.24	.00	-28.36
MPBR ZERO	(210 YDS)	-1.50	1.05	2.39	2.31	.57	-3.12	-9.11	-29.80	-65.61
WIND DRIFT	(10 MPH)	.00	.39	1.54	3.52	6.42	10.34	15.43	29.40	48.61
INCHES	(20 MPH)	.00	.77	3.09	7.04	12.83	20.69	30.86	58.80	97.21

MAXIMUM POINT BLANK RANGE IS 240 YARDS. SET ZERO AT 205 YARDS.

VELOCITY FPS		2800	2588	2397	2214	2039	1873	1716	1474	1273
ENERGY FT-LB		2610	2230	1913	1633	1385	1168	980	723	540
DROP INCHES		.00	-.58	-2.45	-5.84	-11.01	-18.27	-28.01	-56.81	-101.73
BULLET PATH	(100 YDS)	-1.50	-.10	.00	-1.41	-4.60	-9.88	-17.64	-42.50	-83.46
INCHES	(200 YDS)	-1.50	1.05	2.30	2.04	.00	-4.13	-10.74	-33.29	-71.96
(ZERO RANGE)	(300 YDS)	-1.50	2.84	5.88	7.41	7.16	4.82	.00	-18.97	-54.06
	(400 YDS)	-1.50	5.21	10.62	14.52	16.65	16.68	14.23	.00	-30.34
MPBR ZERO	(205 YDS)	-1.50	1.13	2.45	2.27	.31	-3.75	-10.28	-32.68	-71.20
WIND DRIFT	(10 MPH)	.00	.39	1.56	3.59	6.58	10.66	15.96	30.36	50.11
INCHES	(20 MPH)	.00	.78	3.12	7.18	13.17	21.33	31.92	60.71	100.21

MAXIMUM POINT BLANK RANGE IS 230 YARDS. SET ZERO AT 195 YARDS.

VELOCITY FPS		2700	2504	2316	2137	1966	1803	1658	1427	1236
ENERGY FT-LB		2427	2088	1787	1521	1287	1083	916	678	509
DROP INCHES		.00	-.62	-2.62	-6.25	-11.78	-19.57	-30.02	-60.93	-109.00
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-1.56	-5.03	-10.76	-19.15	-45.93	-89.88
INCHES	(200 YDS)	-1.50	1.20	2.52	2.21	.00	-4.46	-11.60	-35.86	-77.30
(ZERO RANGE)	(300 YDS)	-1.50	3.14	6.38	8.01	7.73	5.20	.00	-20.40	-57.97
	(400 YDS)	-1.50	5.68	11.48	15.66	17.93	17.95	15.30	.00	-32.47
MPBR ZERO	(195 YDS)	-1.50	1.12	2.35	1.97	-.32	-4.87	-12.09	-36.51	-78.11
WIND DRIFT	(10 MPH)	.00	.38	1.56	3.64	6.74	10.98	16.49	31.29	51.56
INCHES	(20 MPH)	.00	.75	3.11	7.28	13.48	21.97	32.99	62.57	103.12

MAXIMUM POINT BLANK RANGE IS 225 YARDS. SET ZERO AT 190 YARDS.

VELOCITY FPS		2600	2408	2225	2049	1883	1725	1596	1374	1196
ENERGY FT-LB		2251	1931	1649	1399	1180	991	849	629	476
DROP INCHES		.00	-.67	-2.83	-6.76	-12.76	-21.21	-32.57	-66.10	-118.13
BULLET PATH	(100 YDS)	-1.50	.00	.00	-1.76	-5.59	-11.87	-21.07	-50.26	-97.95
INCHES	(200 YDS)	-1.50	1.40	2.79	2.43	.00	-4.89	-12.69	-39.09	-83.99
(ZERO RANGE)	(300 YDS)	-1.50	3.51	7.02	8.78	8.46	5.69	.00	-22.17	-62.84
	(400 YDS)	-1.50	6.28	12.57	17.09	19.54	19.54	16.63	.00	-35.12
MPBR ZERO	(190 YDS)	-1.50	1.22	2.44	1.90	-.70	-5.77	-13.75	-40.50	-85.75
WIND DRIFT	(10 MPH)	.00	.40	1.65	3.85	7.14	11.63	17.40	32.78	53.75
INCHES	(20 MPH)	.00	.79	3.29	7.71	14.27	23.26	34.80	65.55	107.50

MAXIMUM POINT BLANK RANGE IS 215 YARDS. SET ZERO AT 185 YARDS.

VELOCITY FPS		2500	2312	2133	1962	1800	1655	1535	1323	1158
ENERGY FT-LB		2081	1781	1515	1282	1079	913	785	583	446
DROP INCHES		.00	-.72	-3.07	-7.33	-13.86	-23.06	-35.44	-71.86	-128.20
BULLET PATH	(100 YDS)	-1.50	.06	.00	-1.98	-6.21	-13.13	-23.22	-55.07	-106.84
INCHES	(200 YDS)	-1.50	1.62	3.11	2.68	.00	-5.37	-13.90	-42.65	-91.31
(ZERO RANGE)	(300 YDS)	-1.50	3.93	7.74	9.63	9.27	6.22	.00	-24.11	-68.14
	(400 YDS)	-1.50	6.95	13.77	18.68	21.32	21.29	18.08	.00	-38.00
MPBR ZERO	(185 YDS)	-1.50	1.33	2.53	1.82	-1.15	-6.81	-15.63	-44.95	-94.19
WIND DRIFT	(10 MPH)	.00	.42	1.74	4.09	7.57	12.33	18.33	34.29	55.93
INCHES	(20 MPH)	.00	.84	3.49	8.17	15.15	24.66	36.66	68.58	111.86

MAXIMUM POINT BLANK RANGE IS 205 YARDS. SET ZERO AT 175 YARDS.

VELOCITY FPS		2400	2217	2042	1875	1718	1591	1475	1275	1123
ENERGY FT-LB		1918	1636	1388	1171	983	843	725	541	420
DROP INCHES		.00	-.78	-3.34	-7.98	-15.10	-25.16	-38.65	-78.26	-139.32
BULLET PATH	(100 YDS)	-1.50	.14	.00	-2.22	-6.92	-14.55	-25.62	-60.40	-116.61
INCHES	(200 YDS)	-1.50	1.87	3.46	2.97	.00	-5.90	-15.24	-46.55	-99.31
(ZERO RANGE)	(300 YDS)	-1.50	4.41	8.54	10.59	10.16	6.80	.00	-26.23	-73.91
	(400 YDS)	-1.50	7.68	15.10	20.43	23.28	23.19	19.67	.00	-41.12
MPBR ZERO	(175 YDS)	-1.50	1.35	2.42	1.41	-2.08	-8.50	-18.36	-50.71	-104.51
WIND DRIFT	(10 MPH)	.00	.45	1.85	4.34	8.05	13.03	19.26	35.82	58.07
INCHES	(20 MPH)	.00	.89	3.71	8.69	16.10	26.06	38.52	71.64	116.14

RANGE YARDS MUZZLE 50 100 150 200 250 300 400 500

MAXIMUM POINT BLANK RANGE IS 200 YARDS. SET ZERO AT 170 YARDS.

VELOCITY FPS		2300	2121	1950	1789	1646	1527	1417	1228	1092
ENERGY FT-LB		1761	1498	1267	1066	903	777	668	502	397
DROP INCHES		.00	-.86	-3.65	-8.72	-16.52	-27.52	-42.25	-85.39	-151.60
BULLET PATH	(100 YDS)	-1.50	.22	.00	-2.50	-7.73	-16.15	-28.31	-66.31	-127.37
INCHES	(200 YDS)	-1.50	2.15	3.86	3.29	.00	-6.49	-16.72	-50.86	-108.05
(ZERO RANGE)	(300 YDS)	-1.50	4.94	9.44	11.65	11.15	7.44	.00	-28.56	-80.19
	(400 YDS)	-1.50	8.51	16.58	22.36	25.43	25.29	21.42	.00	-44.49
MPBR ZERO	(170 YDS)	-1.50	1.46	2.49	1.24	-2.74	-9.91	-20.83	-56.33	-114.90
WIND DRIFT	(10 MPH)	.00	.47	1.97	4.63	8.56	13.73	20.20	37.34	60.13
INCHES	(20 MPH)	.00	.95	3.95	9.25	17.11	27.45	40.39	74.69	120.26

MAXIMUM POINT BLANK RANGE IS 195 YARDS. SET ZERO AT 165 YARDS.

VELOCITY FPS		2200	2025	1860	1703	1579	1465	1360	1185	1063
ENERGY FT-LB		1611	1366	1152	966	830	714	616	467	376
DROP INCHES		.00	-.94	-4.00	-9.57	-18.13	-30.17	-46.28	-93.31	-165.09
BULLET PATH	(100 YDS)	-1.50	.31	.00	-2.83	-8.64	-17.93	-31.29	-72.83	-139.11
INCHES	(200 YDS)	-1.50	2.47	4.32	3.65	.00	-7.14	-18.34	-55.56	-117.52
(ZERO RANGE)	(300 YDS)	-1.50	5.53	10.43	12.82	12.22	8.14	.00	-31.11	-86.96
	(400 YDS)	-1.50	9.41	18.21	24.48	27.78	27.59	23.33	.00	-48.07
MPBR ZERO	(165 YDS)	-1.50	1.59	2.57	1.02	-3.50	-11.52	-23.59	-62.57	-126.28
WIND DRIFT	(10 MPH)	.00	.51	2.11	4.94	9.04	14.40	21.11	38.80	62.00
INCHES	(20 MPH)	.00	1.01	4.21	9.88	18.08	28.79	42.21	77.60	124.00

MAXIMUM POINT BLANK RANGE IS 185 YARDS. SET ZERO AT 155 YARDS.

VELOCITY FPS		2100	1930	1770	1631	1513	1404	1305	1145	1037
ENERGY FT-LB		1468	1241	1043	886	762	656	567	436	358
DROP INCHES		.00	-1.03	-4.40	-10.54	-19.94	-33.15	-50.77	102.07	-179.84
BULLET PATH	(100 YDS)	-1.50	.42	.00	-3.19	-9.65	-19.91	-34.58	-79.99	-151.86
INCHES	(200 YDS)	-1.50	2.83	4.82	4.04	.00	-7.85	-20.11	-60.70	-127.74
(ZERO RANGE)	(300 YDS)	-1.50	6.18	11.53	14.10	13.41	8.91	.00	-33.88	-94.22
	(400 YDS)	-1.50	10.42	20.00	26.80	30.35	30.09	25.41	.00	-51.87
MPBR ZERO	(155 YDS)	-1.50	1.61	2.38	.37	-4.90	-13.97	-27.46	-70.49	-139.98
WIND DRIFT	(10 MPH)	.00	.54	2.25	5.24	9.47	15.02	21.96	40.12	63.59
INCHES	(20 MPH)	.00	1.08	4.50	10.49	18.95	30.04	43.91	80.25	127.19

MAXIMUM POINT BLANK RANGE IS 175 YARDS. SET ZERO AT 150 YARDS.

VELOCITY FPS		2000	1835	1683	1561	1448	1345	1253	1108	1012
ENERGY FT-LB		1332	1122	943	811	698	602	522	409	341
DROP INCHES		.00	-1.14	-4.86	-11.63	-21.98	-36.49	-55.79	111.79	-196.00
BULLET PATH	(100 YDS)	-1.50	.54	.00	-3.60	-10.77	-22.09	-38.22	-87.86	-165.71
INCHES	(200 YDS)	-1.50	3.23	5.38	4.48	.00	-8.63	-22.07	-66.32	-138.79
(ZERO RANGE)	(300 YDS)	-1.50	6.91	12.74	15.51	14.71	9.76	.00	-36.90	-102.01
	(400 YDS)	-1.50	11.52	21.96	29.35	33.16	32.82	27.68	.00	-55.89
MPBR ZERO	(150 YDS)	-1.50	1.74	2.40	.00	-5.97	-16.09	-31.02	-78.26	-153.72
WIND DRIFT	(10 MPH)	.00	.58	2.41	5.50	9.86	15.58	22.73	41.27	64.85
INCHES	(20 MPH)	.00	1.16	4.82	10.99	19.71	31.16	45.45	82.55	129.71

MAXIMUM POINT BLANK RANGE IS 170 YARDS. SET ZERO AT 145 YARDS.

VELOCITY FPS		1900	1741	1609	1492	1385	1288	1204	1075	989
ENERGY FT-LB		1202	1009	862	741	639	552	482	385	326
DROP INCHES		.00	-1.26	-5.39	-12.87	-24.26	-40.19	-61.36	122.43	-213.48
BULLET PATH	(100 YDS)	-1.50	.68	.00	-4.04	-11.99	-24.47	-42.20	-96.39	-180.55
INCHES	(200 YDS)	-1.50	3.68	6.00	4.95	.00	-9.49	-24.21	-72.41	-150.57

(ZERO RANGE)	(300 YDS)	-1.50	7.71	14.07	17.06	16.14	10.69	.00	-40.13	-110.22
	(400 YDS)	-1.50	12.73	24.10	32.11	36.20	35.77	30.10	.00	-60.06
MPBR ZERO	(145 YDS)	-1.50	1.88	2.39	-.45	-7.21	-18.50	-35.02	-86.82	-168.59
WIND DRIFT	(10 MPH)	.00	.62	2.52	5.66	10.13	16.01	23.32	42.09	65.59
INCHES	(20 MPH)	.00	1.24	5.04	11.33	20.27	32.02	46.65	84.18	131.19

MAXIMUM POINT BLANK RANGE IS 160 YARDS. SET ZERO AT 135 YARDS.

VELOCITY FPS		1800	1655	1535	1424	1323	1234	1158	1045	968
ENERGY FT-LB		1078	912	785	675	583	507	446	364	312
DROP INCHES		.00	-1.41	-5.98	-14.25	-26.80	-44.32	-67.55	134.17	-232.52
BULLET PATH	(100 YDS)	-1.50	.83	.00	-4.53	-13.35	-27.13	-46.61	105.76	-196.63
INCHES	(200 YDS)	-1.50	4.17	6.67	5.48	.00	-10.44	-26.60	-79.07	-163.27
(ZERO RANGE)	(300 YDS)	-1.50	8.60	15.54	18.78	17.73	11.72	.00	-43.61	-118.94
	(400 YDS)	-1.50	14.05	26.44	35.13	39.53	38.97	32.70	.00	-64.43
MPBR ZERO	(135 YDS)	-1.50	1.85	2.04	-1.48	-9.28	-22.04	-40.51	-97.62	-186.45
WIND DRIFT	(10 MPH)	.00	.65	2.55	5.73	10.30	16.30	23.73	42.53	65.79
INCHES	(20 MPH)	.00	1.31	5.09	11.47	20.60	32.60	47.46	85.07	131.58