

.308 Dia., 110 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 295 YARDS. SET ZERO AT 255 YARDS.

VELOCITY FPS		4000	3590	3218	2877	2575	2297	2037	1611	1278
ENERGY FT-LB		3907	3148	2530	2021	1619	1289	1013	634	399
DROP INCHES		.00	-.29	-1.25	-3.06	-5.92	-10.10	-15.92	-34.42	-66.56
BULLET PATH	(100 YDS)	-1.50	-.41	.00	-.43	-1.91	-4.71	-9.16	-24.91	-54.29
INCHES	(200 YDS)	-1.50	.07	.96	1.00	.00	-2.32	-6.29	-21.08	-49.51
(ZERO RANGE)	(300 YDS)	-1.50	1.11	3.05	4.15	4.19	2.92	.00	-12.69	-39.03
	(400 YDS)	-1.50	2.70	6.23	8.91	10.54	10.86	9.52	.00	-23.16
MPBR ZERO	(255 YDS)	-1.50	.58	1.99	2.55	2.07	.26	-3.19	-16.95	-44.34
WIND DRIFT	(10 MPH)	.00	.37	1.54	3.61	6.72	10.97	16.58	32.57	56.33
INCHES	(20 MPH)	.00	.74	3.07	7.23	13.44	21.95	33.15	65.13	112.66

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		3900	3500	3135	2800	2508	2234	1980	1566	1247
ENERGY FT-LB		3714	2991	2401	1915	1536	1219	957	599	380
DROP INCHES		.00	-.30	-1.32	-3.22	-6.24	-10.63	-16.78	-36.31	-70.26
BULLET PATH	(100 YDS)	-1.50	-.39	.00	-.49	-2.09	-5.08	-9.82	-26.53	-57.66
INCHES	(200 YDS)	-1.50	.13	1.05	1.08	.00	-2.46	-6.68	-22.34	-52.42
(ZERO RANGE)	(300 YDS)	-1.50	1.24	3.27	4.42	4.45	3.10	.00	-13.44	-41.29
	(400 YDS)	-1.50	2.92	6.63	9.46	11.17	11.50	10.08	.00	-24.50
MPBR ZERO	(250 YDS)	-1.50	.62	2.03	2.56	1.97	.00	-3.72	-18.40	-47.49
WIND DRIFT	(10 MPH)	.00	.38	1.58	3.72	6.91	11.30	17.08	33.55	57.99
INCHES	(20 MPH)	.00	.76	3.16	7.44	13.83	22.59	34.17	67.10	115.98

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

VELOCITY FPS		3800	3409	3052	2728	2441	2171	1927	1522	1217
ENERGY FT-LB		3526	2838	2275	1817	1455	1151	906	565	362
DROP INCHES		.00	-.32	-1.39	-3.40	-6.58	-11.22	-17.71	-38.35	-74.26
BULLET PATH	(100 YDS)	-1.50	-.38	.00	-.56	-2.29	-5.49	-10.53	-28.29	-61.30
INCHES	(200 YDS)	-1.50	.20	1.15	1.16	.00	-2.62	-7.10	-23.70	-55.57
(ZERO RANGE)	(300 YDS)	-1.50	1.38	3.51	4.71	4.73	3.29	.00	-14.24	-43.74
	(400 YDS)	-1.50	3.16	7.07	10.05	11.85	12.19	10.68	.00	-25.94
MPBR ZERO	(245 YDS)	-1.50	.66	2.08	2.56	1.86	-.29	-4.30	-19.97	-50.91
WIND DRIFT	(10 MPH)	.00	.39	1.63	3.84	7.12	11.64	17.62	34.59	59.72
INCHES	(20 MPH)	.00	.78	3.26	7.67	14.24	23.28	35.23	69.19	119.44

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

VELOCITY FPS		3700	3318	2968	2655	2372	2107	1873	1478	1188
ENERGY FT-LB		3343	2689	2152	1722	1375	1084	856	533	345
DROP INCHES		.00	-.34	-1.47	-3.59	-6.94	-11.85	-18.72	-40.57	-78.59
BULLET PATH	(100 YDS)	-1.50	-.35	.00	-.63	-2.51	-5.93	-11.31	-30.20	-65.24
INCHES	(200 YDS)	-1.50	.27	1.25	1.24	.00	-2.79	-7.55	-25.18	-58.98
(ZERO RANGE)	(300 YDS)	-1.50	1.53	3.77	5.02	5.03	3.50	.00	-15.11	-46.39
	(400 YDS)	-1.50	3.42	7.55	10.69	12.59	12.95	11.34	.00	-27.50
MPBR ZERO	(240 YDS)	-1.50	.71	2.13	2.55	1.74	-.61	-4.94	-21.69	-54.62
WIND DRIFT	(10 MPH)	.00	.40	1.68	3.96	7.34	12.01	18.18	35.70	61.52
INCHES	(20 MPH)	.00	.80	3.36	7.91	14.68	24.02	36.36	71.39	123.03

MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 235 YARDS.

VELOCITY FPS		3600	3227	2884	2582	2304	2043	1818	1434	1161
ENERGY FT-LB		3164	2543	2032	1628	1296	1019	807	502	329
DROP INCHES		.00	-.36	-1.55	-3.79	-7.34	-12.54	-19.82	-42.99	-83.29
BULLET PATH	(100 YDS)	-1.50	-.33	.00	-.72	-2.74	-6.41	-12.16	-32.28	-69.53
INCHES	(200 YDS)	-1.50	.35	1.37	1.34	.00	-2.98	-8.05	-26.80	-62.68
(ZERO RANGE)	(300 YDS)	-1.50	1.70	4.05	5.36	5.37	3.73	.00	-16.07	-49.27
	(400 YDS)	-1.50	3.70	8.07	11.39	13.40	13.77	12.05	.00	-29.18
MPBR ZERO	(235 YDS)	-1.50	.76	2.17	2.55	1.61	-.97	-5.64	-23.59	-58.66
WIND DRIFT	(10 MPH)	.00	.41	1.74	4.08	7.57	12.41	18.78	36.87	63.40
INCHES	(20 MPH)	.00	.83	3.47	8.17	15.15	24.81	37.56	73.74	126.79

MAXIMUM POINT BLANK RANGE IS 265 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		3500	3135	2800	2508	2234	1980	1764	1390	1135
ENERGY FT-LB		2991	2401	1915	1536	1219	957	760	472	314
DROP INCHES		.00	-.38	-1.64	-4.02	-7.78	-13.29	-21.02	-45.63	-88.41

BULLET PATH	(100 YDS)	-1.50	-.31	.00	-.80	-2.99	-6.93	-13.08	-34.56	-74.19
INCHES	(200 YDS)	-1.50	.44	1.50	1.44	.00	-3.19	-8.60	-28.57	-66.71
(ZERO RANGE)	(300 YDS)	-1.50	1.87	4.36	5.74	5.73	3.97	.00	-17.11	-52.38
	(400 YDS)	-1.50	4.01	8.64	12.16	14.29	14.67	12.83	.00	-30.99
MPBR ZERO	(230 YDS)	-1.50	.81	2.22	2.53	1.46	-1.37	-6.41	-25.66	-63.06
WIND DRIFT	(10 MPH)	.00	.43	1.80	4.22	7.82	12.84	19.42	38.12	65.34
INCHES	(20 MPH)	.00	.86	3.59	8.43	15.65	25.67	38.84	76.23	130.67

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 260 YARDS. SET ZERO AT 225 YARDS.

VELOCITY FPS		3400	3044	2720	2433	2164	1921	1710	1348	1110
ENERGY FT-LB		2823	2262	1807	1446	1144	901	714	444	301
DROP INCHES		.00	-.40	-1.74	-4.26	-8.26	-14.11	-22.32	-48.51	-93.95
BULLET PATH	(100 YDS)	-1.50	-.28	.00	-.90	-3.27	-7.50	-14.09	-37.04	-79.23
INCHES	(200 YDS)	-1.50	.54	1.63	1.55	.00	-3.42	-9.19	-30.50	-71.06
(ZERO RANGE)	(300 YDS)	-1.50	2.07	4.70	6.15	6.13	4.24	.00	-18.25	-55.74
	(400 YDS)	-1.50	4.35	9.26	12.99	15.25	15.65	13.68	.00	-32.93
MPBR ZERO	(225 YDS)	-1.50	.86	2.28	2.52	1.29	-1.81	-7.26	-27.93	-67.85
WIND DRIFT	(10 MPH)	.00	.44	1.86	4.36	8.09	13.29	20.09	39.43	67.33
INCHES	(20 MPH)	.00	.89	3.72	8.71	16.19	26.58	40.18	78.86	134.66

MAXIMUM POINT BLANK RANGE IS 255 YARDS. SET ZERO AT 220 YARDS.

VELOCITY FPS		3300	2952	2640	2359	2094	1862	1655	1309	1087
ENERGY FT-LB		2659	2128	1703	1359	1071	846	669	418	288
DROP INCHES		.00	-.43	-1.85	-4.53	-8.77	-15.01	-23.75	-51.66	-99.97
BULLET PATH	(100 YDS)	-1.50	-.25	.00	-1.00	-3.57	-8.12	-15.19	-39.75	-84.70
INCHES	(200 YDS)	-1.50	.64	1.78	1.68	.00	-3.66	-9.84	-32.61	-75.78
(ZERO RANGE)	(300 YDS)	-1.50	2.28	5.06	6.60	6.56	4.54	.00	-19.49	-59.38
	(400 YDS)	-1.50	4.72	9.94	13.91	16.31	16.72	14.62	.00	-35.02
MPBR ZERO	(220 YDS)	-1.50	.92	2.33	2.49	1.09	-2.30	-8.21	-30.43	-73.06
WIND DRIFT	(10 MPH)	.00	.46	1.93	4.50	8.38	13.77	20.80	40.81	69.37
INCHES	(20 MPH)	.00	.92	3.85	9.01	16.76	27.53	41.61	81.62	138.74

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

VELOCITY FPS		3200	2859	2560	2283	2024	1803	1601	1271	1065
ENERGY FT-LB		2500	1997	1601	1273	1000	793	626	394	277
DROP INCHES		.00	-.45	-1.97	-4.82	-9.34	-15.99	-25.32	-55.10	-106.50
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-1.11	-3.90	-8.81	-16.40	-42.71	-90.64
INCHES	(200 YDS)	-1.50	.76	1.95	1.81	.00	-3.94	-10.55	-34.92	-80.89
(ZERO RANGE)	(300 YDS)	-1.50	2.52	5.47	7.09	7.04	4.86	.00	-20.84	-63.30
	(400 YDS)	-1.50	5.12	10.68	14.90	17.46	17.89	15.63	.00	-37.24
MPBR ZERO	(215 YDS)	-1.50	.97	2.38	2.46	.87	-2.85	-9.25	-33.18	-78.71
WIND DRIFT	(10 MPH)	.00	.48	1.99	4.66	8.69	14.27	21.56	42.24	71.44
INCHES	(20 MPH)	.00	.96	3.98	9.32	17.38	28.53	43.11	84.49	142.88

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

VELOCITY FPS		3100	2769	2479	2207	1957	1743	1547	1234	1045
ENERGY FT-LB		2346	1873	1501	1190	935	742	584	372	266
DROP INCHES		.00	-.48	-2.10	-5.14	-9.97	-17.07	-27.04	-58.88	-113.60
BULLET PATH	(100 YDS)	-1.50	-.18	.00	-1.24	-4.26	-9.56	-17.73	-45.97	-97.09
INCHES	(200 YDS)	-1.50	.88	2.13	1.96	.00	-4.23	-11.34	-37.44	-86.43
(ZERO RANGE)	(300 YDS)	-1.50	2.77	5.91	7.63	7.56	5.21	.00	-22.33	-67.53
	(400 YDS)	-1.50	5.56	11.49	16.00	18.72	19.17	16.75	.00	-39.62
MPBR ZERO	(205 YDS)	-1.50	.96	2.28	2.19	.30	-3.85	-10.88	-36.83	-85.67
WIND DRIFT	(10 MPH)	.00	.50	2.06	4.83	9.02	14.80	22.36	43.75	73.54
INCHES	(20 MPH)	.00	1.00	4.12	9.65	18.04	29.59	44.72	87.49	147.07

MAXIMUM POINT BLANK RANGE IS 235 YARDS. SET ZERO AT 200 YARDS.

VELOCITY FPS		3000	2682	2398	2131	1892	1683	1494	1199	1026
ENERGY FT-LB		2197	1757	1404	1109	875	692	545	351	257
DROP INCHES		.00	-.52	-2.24	-5.49	-10.66	-18.26	-28.93	-63.03	-121.32
BULLET PATH	(100 YDS)	-1.50	-.14	.00	-1.37	-4.67	-10.39	-19.20	-49.56	-104.10
INCHES	(200 YDS)	-1.50	1.02	2.33	2.13	.00	-4.56	-12.20	-40.22	-92.43
(ZERO RANGE)	(300 YDS)	-1.50	3.06	6.40	8.23	8.13	5.60	.00	-23.96	-72.10
	(400 YDS)	-1.50	6.05	12.39	17.21	20.11	20.58	17.97	.00	-42.16
MPBR ZERO	(200 YDS)	-1.50	1.02	2.33	2.13	.00	-4.56	-12.20	-40.22	-92.43
WIND DRIFT	(10 MPH)	.00	.52	2.13	5.00	9.37	15.36	23.21	45.31	75.65
INCHES	(20 MPH)	.00	1.03	4.25	10.01	18.74	30.72	46.42	90.62	151.29

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

VELOCITY FPS		2900	2595	2316	2054	1828	1624	1441	1166	1008
ENERGY FT-LB		2053	1645	1310	1031	816	644	507	332	248
DROP INCHES		.00	-.55	-2.40	-5.87	-11.41	-19.56	-31.01	-67.56	-129.65
BULLET PATH	(100 YDS)	-1.50	-.10	.00	-1.52	-5.11	-11.31	-20.81	-53.46	-111.65
INCHES	(200 YDS)	-1.50	1.18	2.56	2.31	.00	-4.92	-13.14	-43.24	-98.87
(ZERO RANGE)	(300 YDS)	-1.50	3.37	6.94	8.88	8.76	6.03	.00	-25.72	-76.96
	(400 YDS)	-1.50	6.58	13.37	18.52	21.62	22.11	19.29	.00	-44.82
MPBR ZERO	(195 YDS)	-1.50	1.09	2.38	2.05	-.35	-5.35	-13.66	-43.94	-99.74
WIND DRIFT	(10 MPH)	.00	.53	2.19	5.19	9.72	15.94	24.10	46.89	77.70
INCHES	(20 MPH)	.00	1.06	4.38	10.38	19.45	31.88	48.19	93.77	155.41

.308 Dia., 110 Gr. RN / 110 Gr. FMJ

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 220 YARDS. SET ZERO AT 190 YARDS.

VELOCITY FPS		2800	2508	2234	1980	1764	1566	1390	1135	990
ENERGY FT-LB		1914	1536	1219	957	760	599	472	314	239
DROP INCHES		.00	-.59	-2.57	-6.30	-12.24	-20.99	-33.29	-72.50	-138.60
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-1.69	-5.60	-12.31	-22.58	-57.72	-119.75
INCHES	(200 YDS)	-1.50	1.34	2.80	2.51	.00	-5.31	-14.18	-46.52	-105.75
(ZERO RANGE)	(300 YDS)	-1.50	3.71	7.53	9.60	9.45	6.51	.00	-27.61	-82.11
	(400 YDS)	-1.50	7.16	14.43	19.95	23.26	23.76	20.71	.00	-47.60
MPBR ZERO	(190 YDS)	-1.50	1.16	2.43	1.95	-.74	-6.24	-15.29	-48.00	-107.60
WIND DRIFT	(10 MPH)	.00	.53	2.26	5.39	10.08	16.54	25.01	48.46	79.68
INCHES	(20 MPH)	.00	1.07	4.51	10.77	20.16	33.08	50.02	96.92	159.36

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

VELOCITY FPS		2700	2414	2146	1906	1695	1505	1338	1104	973
ENERGY FT-LB		1780	1423	1125	887	702	553	437	297	231
DROP INCHES		.00	-.64	-2.77	-6.80	-13.22	-22.68	-36.00	-78.32	-149.01
BULLET PATH	(100 YDS)	-1.50	.00	.00	-1.89	-6.18	-13.51	-24.69	-62.74	-129.16
INCHES	(200 YDS)	-1.50	1.54	3.09	2.75	.00	-5.78	-15.41	-50.37	-113.71
(ZERO RANGE)	(300 YDS)	-1.50	4.11	8.23	10.45	10.28	7.07	.00	-29.82	-88.02
	(400 YDS)	-1.50	7.84	15.69	21.64	25.19	25.70	22.37	.00	-50.74
MPBR ZERO	(185 YDS)	-1.50	1.24	2.49	1.85	-1.20	-7.28	-17.21	-52.77	-116.71
WIND DRIFT	(10 MPH)	.00	.56	2.38	5.67	10.58	17.34	26.19	50.36	81.99
INCHES	(20 MPH)	.00	1.13	4.76	11.35	21.17	34.68	52.37	100.71	163.99

MAXIMUM POINT BLANK RANGE IS 210 YARDS. SET ZERO AT 180 YARDS.

VELOCITY FPS		2600	2320	2058	1831	1627	1444	1289	1076	956
ENERGY FT-LB		1650	1315	1035	819	647	509	406	282	223
DROP INCHES		.00	-.69	-3.00	-7.36	-14.32	-24.58	-39.02	-84.73	-160.31
BULLET PATH	(100 YDS)	-1.50	.06	.00	-2.12	-6.83	-14.84	-27.03	-68.25	-139.34
INCHES	(200 YDS)	-1.50	1.77	3.42	3.01	.00	-6.30	-16.79	-54.59	-122.26
(ZERO RANGE)	(300 YDS)	-1.50	4.57	9.01	11.40	11.19	7.69	.00	-32.21	-94.28
	(400 YDS)	-1.50	8.59	17.06	23.48	27.29	27.82	24.15	.00	-54.02
MPBR ZERO	(180 YDS)	-1.50	1.34	2.55	1.71	-1.73	-8.46	-19.38	-58.04	-126.58
WIND DRIFT	(10 MPH)	.00	.59	2.52	5.98	11.11	18.19	27.41	52.25	84.22
INCHES	(20 MPH)	.00	1.19	5.04	11.95	22.23	36.38	54.83	104.50	168.44

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

VELOCITY FPS		2500	2226	1973	1758	1560	1385	1243	1050	939
ENERGY FT-LB		1526	1210	951	754	595	469	377	269	215
DROP INCHES		.00	-.74	-3.25	-7.99	-15.55	-26.70	-42.38	-91.76	-172.50
BULLET PATH	(100 YDS)	-1.50	.13	.00	-2.36	-7.55	-16.32	-29.63	-74.26	-150.26
INCHES	(200 YDS)	-1.50	2.02	3.78	3.30	.00	-6.88	-18.30	-59.16	-131.38
(ZERO RANGE)	(300 YDS)	-1.50	5.07	9.88	12.45	12.20	8.37	.00	-34.76	-100.88
	(400 YDS)	-1.50	9.41	18.57	25.48	29.58	30.09	26.07	.00	-57.43
MPBR ZERO	(170 YDS)	-1.50	1.32	2.39	1.22	-2.77	-10.35	-22.46	-64.70	-138.31
WIND DRIFT	(10 MPH)	.00	.63	2.67	6.29	11.67	19.07	28.66	54.08	86.30
INCHES	(20 MPH)	.00	1.26	5.34	12.57	23.34	38.15	57.32	108.17	172.61

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

VELOCITY FPS		2400	2133	1894	1685	1495	1330	1200	1026	924
ENERGY FT-LB		1406	1111	876	693	546	432	351	257	208
DROP INCHES		.00	-.81	-3.54	-8.69	-16.92	-29.05	-46.10	-99.43	-185.60

BULLET PATH	(100 YDS)	-1.50	.21	.00	-2.64	-8.35	-17.96	-32.49	-80.79	-161.92
INCHES	(200 YDS)	-1.50	2.30	4.17	3.62	.00	-7.53	-19.97	-64.09	-141.05
(ZERO RANGE)	(300 YDS)	-1.50	5.62	10.83	13.61	13.31	9.11	.00	-37.46	-107.77
	(400 YDS)	-1.50	10.31	20.20	27.66	32.05	32.53	28.10	.00	-60.94
MPBR ZERO	(165 YDS)	-1.50	1.42	2.42	.99	-3.51	-11.91	-25.23	-71.10	-149.82
WIND DRIFT	(10 MPH)	.00	.67	2.82	6.60	12.24	19.98	29.90	55.81	88.19
INCHES	(20 MPH)	.00	1.34	5.64	13.20	24.47	39.96	59.80	111.61	176.37

MAXIMUM POINT BLANK RANGE IS 190 YARDS. SET ZERO AT 160 YARDS.

VELOCITY FPS		2300	2039	1815	1613	1431	1279	1159	1004	908
ENERGY FT-LB		1291	1015	805	635	500	399	328	246	201
DROP INCHES		.00	-.88	-3.86	-9.48	-18.46	-31.69	-50.24	107.83	-199.73
BULLET PATH	(100 YDS)	-1.50	.30	.00	-2.94	-9.24	-19.80	-35.67	-87.89	-174.44
INCHES	(200 YDS)	-1.50	2.61	4.62	3.99	.00	-8.24	-21.81	-69.41	-151.34
(ZERO RANGE)	(300 YDS)	-1.50	6.24	11.89	14.89	14.54	9.93	.00	-40.34	-114.99
	(400 YDS)	-1.50	11.28	21.97	30.02	34.71	35.14	30.25	.00	-64.58
MPBR ZERO	(160 YDS)	-1.50	1.52	2.44	.72	-4.36	-13.69	-28.34	-78.12	-162.23
WIND DRIFT	(10 MPH)	.00	.71	2.97	6.92	12.82	20.89	31.12	57.40	89.86
INCHES	(20 MPH)	.00	1.42	5.93	13.84	25.65	41.79	62.25	114.81	179.72

.308 Dia., 110 Gr. RN / 110 Gr. FMJ

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
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MAXIMUM POINT BLANK RANGE IS 180 YARDS. SET ZERO AT 155 YARDS.

VELOCITY FPS		2200	1951	1737	1542	1369	1230	1122	983	894
ENERGY FT-LB		1181	929	737	580	458	370	307	236	195
DROP INCHES		.00	-.97	-4.22	-10.36	-20.18	-34.63	-54.83	116.95	-214.88
BULLET PATH	(100 YDS)	-1.50	.39	.00	-3.28	-10.24	-21.83	-39.17	-95.57	-187.78
INCHES	(200 YDS)	-1.50	2.95	5.12	4.40	.00	-9.04	-23.81	-75.09	-162.18
(ZERO RANGE)	(300 YDS)	-1.50	6.92	13.06	16.30	15.87	10.81	.00	-43.34	-122.49
	(400 YDS)	-1.50	12.34	23.89	32.56	37.55	37.90	32.51	.00	-68.31
MPBR ZERO	(155 YDS)	-1.50	1.62	2.45	.39	-5.34	-15.71	-31.82	-85.77	-175.52
WIND DRIFT	(10 MPH)	.00	.76	3.10	7.23	13.41	21.78	32.28	58.80	91.24
INCHES	(20 MPH)	.00	1.51	6.19	14.46	26.82	43.55	64.55	117.59	182.48

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

VELOCITY FPS		2100	1866	1659	1472	1312	1185	1089	964	879
ENERGY FT-LB		1076	851	672	529	420	343	289	226	188
DROP INCHES		.00	-1.06	-4.62	-11.35	-22.11	-37.92	-59.91	126.87	-231.14
BULLET PATH	(100 YDS)	-1.50	.50	.00	-3.67	-11.36	-24.11	-43.04	103.88	-202.03
INCHES	(200 YDS)	-1.50	3.34	5.68	4.85	.00	-9.91	-26.00	-81.15	-173.62
(ZERO RANGE)	(300 YDS)	-1.50	7.67	14.35	17.85	17.33	11.76	.00	-46.49	-130.29
	(400 YDS)	-1.50	13.49	25.97	35.29	40.58	40.81	34.87	.00	-72.17
MPBR ZERO	(150 YDS)	-1.50	1.72	2.45	.00	-6.47	-18.00	-35.70	-94.10	-189.80
WIND DRIFT	(10 MPH)	.00	.78	3.21	7.54	13.99	22.61	33.32	59.95	92.28
INCHES	(20 MPH)	.00	1.57	6.43	15.07	27.97	45.23	66.64	119.89	184.55

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

VELOCITY FPS		2000	1782	1583	1405	1258	1143	1058	945	865
ENERGY FT-LB		976	776	612	482	386	319	273	218	182
DROP INCHES		.00	-1.16	-5.07	-12.46	-24.27	-41.57	-65.51	137.60	-248.52
BULLET PATH	(100 YDS)	-1.50	.62	.00	-4.11	-12.63	-26.64	-47.29	112.82	-217.17
INCHES	(200 YDS)	-1.50	3.78	6.31	5.36	.00	-10.86	-28.35	-87.56	-185.60
(ZERO RANGE)	(300 YDS)	-1.50	8.50	15.76	19.54	18.90	12.77	.00	-49.76	-138.34
	(400 YDS)	-1.50	14.72	28.20	38.20	43.78	43.87	37.32	.00	-76.14
MPBR ZERO	(145 YDS)	-1.50	1.83	2.42	-.47	-7.78	-20.58	-40.02	103.13	-205.05
WIND DRIFT	(10 MPH)	.00	.78	3.30	7.82	14.51	23.35	34.19	60.77	92.88
INCHES	(20 MPH)	.00	1.57	6.61	15.64	29.02	46.70	68.38	121.55	185.76

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

VELOCITY FPS		1900	1690	1499	1334	1203	1101	1028	925	849
ENERGY FT-LB		881	697	549	434	353	296	258	209	176
DROP INCHES		.00	-1.29	-5.63	-13.86	-26.98	-46.09	-72.36	150.47	-269.14
BULLET PATH	(100 YDS)	-1.50	.78	.00	-4.66	-14.21	-29.76	-52.45	123.44	-234.96
INCHES	(200 YDS)	-1.50	4.33	7.10	5.99	.00	-12.00	-31.14	-95.02	-199.45
(ZERO RANGE)	(300 YDS)	-1.50	9.52	17.48	21.57	20.76	13.95	.00	-53.50	-147.54
	(400 YDS)	-1.50	16.21	30.86	41.63	47.51	47.39	40.12	.00	-80.67

MPBR ZERO	(135 YDS)	-1.50	1.81	2.07	-1.55	-10.06	-24.58	-46.24	115.15	-224.60
WIND DRIFT	(10 MPH)	.00	.84	3.53	8.33	15.30	24.38	35.32	61.84	93.72
INCHES	(20 MPH)	.00	1.68	7.07	16.65	30.60	48.76	70.65	123.69	187.44

MAXIMUM POINT BLANK RANGE IS 155 YARDS. SET ZERO AT 130 YARDS.

VELOCITY FPS		1800	1598	1418	1269	1152	1064	1000	905	834
ENERGY FT-LB		791	624	491	393	324	276	244	200	170
DROP INCHES		.00	-1.44	-6.29	-15.48	-30.07	-51.20	-79.97	164.49	-291.33
BULLET PATH	(100 YDS)	-1.50	.96	.00	-5.29	-15.98	-33.21	-58.09	134.81	-253.85
INCHES	(200 YDS)	-1.50	4.95	7.99	6.70	.00	-13.23	-34.12	102.86	-213.91
(ZERO RANGE)	(300 YDS)	-1.50	10.64	19.36	23.75	22.75	15.20	.00	-57.36	-157.04
	(400 YDS)	-1.50	17.81	33.70	45.27	51.43	51.05	43.02	.00	-85.34
MPBR ZERO	(130 YDS)	-1.50	1.95	1.99	-2.30	-12.00	-28.23	-52.11	126.85	-243.90
WIND DRIFT	(10 MPH)	.00	.90	3.77	8.82	16.02	25.23	36.18	62.47	93.98
INCHES	(20 MPH)	.00	1.80	7.55	17.63	32.04	50.47	72.36	124.93	187.95

MAXIMUM POINT BLANK RANGE IS 150 YARDS. SET ZERO AT 125 YARDS.

VELOCITY FPS		1700	1508	1341	1208	1106	1031	974	887	818
ENERGY FT-LB		705	555	439	356	298	259	231	192	163
DROP INCHES		.00	-1.62	-7.07	-17.36	-33.60	-56.93	-88.41	179.75	-315.24
BULLET PATH	(100 YDS)	-1.50	1.17	.00	-6.00	-17.96	-37.00	-64.20	146.97	-273.89
INCHES	(200 YDS)	-1.50	5.66	8.98	7.47	.00	-14.55	-37.26	111.05	-229.00
(ZERO RANGE)	(300 YDS)	-1.50	11.87	21.40	26.10	24.84	16.50	.00	-61.36	-166.89
	(400 YDS)	-1.50	19.54	36.74	49.11	55.52	54.85	46.02	.00	-90.19
MPBR ZERO	(125 YDS)	-1.50	2.10	1.86	-3.21	-14.23	-32.34	-58.61	139.51	-264.58
WIND DRIFT	(10 MPH)	.00	.96	4.02	9.25	16.60	25.83	36.66	62.54	93.54
INCHES	(20 MPH)	.00	1.93	8.03	18.50	33.19	51.65	73.32	125.08	187.08