

# .224 Dia., 55 Gr. HPBT

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 320 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		4100	3770	3465	3181	2915	2667	2435	2005	1630
ENERGY FT-LB		2052	1736	1466	1235	1037	869	724	491	324
DROP INCHES		.00	-.27	-1.15	-2.76	-5.23	-8.72	-13.43	-27.57	-50.49
BULLET PATH	(100 YDS)	-1.50	-.44	.00	-.28	-1.42	-3.59	-6.97	-18.46	-38.72
INCHES	(150 YDS)	-1.50	-.35	.19	.00	-1.05	-3.12	-6.41	-17.72	-37.79
(ZERO RANGE)	(200 YDS)	-1.50	-.09	.71	.79	.00	-1.81	-4.84	-15.62	-35.17
	(250 YDS)	-1.50	.27	1.43	1.87	1.45	.00	-2.67	-12.73	-31.55
MPBR ZERO	(275 YDS)	-1.50	.49	1.86	2.51	2.30	1.06	-1.40	-11.03	-29.43
WIND DRIFT	(10 MPH)	.00	.28	1.14	2.66	4.89	7.92	11.83	22.85	39.21
INCHES	(20 MPH)	.00	.55	2.29	5.31	9.77	15.83	23.67	45.70	78.42

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		4000	3678	3379	3101	2840	2597	2369	1946	1580
ENERGY FT-LB		1953	1651	1394	1174	984	824	685	462	304
DROP INCHES		.00	-.28	-1.21	-2.90	-5.49	-9.17	-14.13	-29.05	-53.27
BULLET PATH	(100 YDS)	-1.50	-.43	.00	-.33	-1.57	-3.89	-7.50	-19.70	-41.22
INCHES	(150 YDS)	-1.50	-.32	.22	.00	-1.13	-3.33	-6.83	-18.81	-40.11
(ZERO RANGE)	(200 YDS)	-1.50	-.04	.79	.85	.00	-1.92	-5.14	-16.56	-37.29
	(250 YDS)	-1.50	.35	1.56	2.00	1.54	.00	-2.83	-13.48	-33.44
MPBR ZERO	(270 YDS)	-1.50	.53	1.91	2.54	2.25	.89	-1.76	-12.05	-31.65
WIND DRIFT	(10 MPH)	.00	.28	1.17	2.73	5.03	8.15	12.19	23.58	40.53
INCHES	(20 MPH)	.00	.57	2.35	5.46	10.05	16.30	24.38	47.17	81.06

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 265 YARDS.										
VELOCITY FPS		3900	3585	3293	3020	2764	2527	2302	1886	1530
ENERGY FT-LB		1857	1569	1324	1114	933	780	647	434	286
DROP INCHES		.00	-.30	-1.27	-3.05	-5.78	-9.66	-14.89	-30.65	-56.31
BULLET PATH	(100 YDS)	-1.50	-.41	.00	-.39	-1.74	-4.22	-8.07	-21.05	-43.94
INCHES	(150 YDS)	-1.50	-.28	.26	.00	-1.21	-3.57	-7.29	-20.01	-42.63
(ZERO RANGE)	(200 YDS)	-1.50	.02	.87	.91	.00	-2.05	-5.46	-17.58	-39.60
	(250 YDS)	-1.50	.43	1.69	2.14	1.64	.00	-3.00	-14.30	-35.50
MPBR ZERO	(265 YDS)	-1.50	.57	1.97	2.56	2.20	.70	-2.16	-13.17	-34.09
WIND DRIFT	(10 MPH)	.00	.29	1.21	2.81	5.18	8.40	12.57	24.37	41.95
INCHES	(20 MPH)	.00	.58	2.41	5.62	10.36	16.79	25.14	48.75	83.91

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 260 YARDS.										
VELOCITY FPS		3800	3492	3206	2939	2689	2456	2234	1826	1481
ENERGY FT-LB		1763	1489	1255	1055	883	736	609	407	268
DROP INCHES		.00	-.31	-1.34	-3.22	-6.10	-10.18	-15.71	-32.39	-59.62
BULLET PATH	(100 YDS)	-1.50	-.39	.00	-.45	-1.91	-4.58	-8.69	-22.52	-46.91
INCHES	(150 YDS)	-1.50	-.24	.30	.00	-1.31	-3.82	-7.78	-21.31	-45.40
(ZERO RANGE)	(200 YDS)	-1.50	.09	.96	.98	.00	-2.19	-5.81	-18.69	-42.13
	(250 YDS)	-1.50	.52	1.83	2.29	1.75	.00	-3.19	-15.19	-37.75
MPBR ZERO	(260 YDS)	-1.50	.62	2.03	2.59	2.14	.49	-2.60	-14.40	-36.77
WIND DRIFT	(10 MPH)	.00	.30	1.24	2.90	5.34	8.66	12.98	25.23	43.48
INCHES	(20 MPH)	.00	.60	2.49	5.79	10.68	17.33	25.97	50.46	86.95

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 250 YARDS.										
VELOCITY FPS		3700	3399	3120	2857	2614	2384	2166	1767	1433
ENERGY FT-LB		1671	1411	1188	997	834	694	573	381	250
DROP INCHES		.00	-.33	-1.42	-3.40	-6.44	-10.76	-16.61	-34.29	-63.26
BULLET PATH	(100 YDS)	-1.50	-.37	.00	-.52	-2.11	-4.97	-9.36	-24.12	-50.17
INCHES	(150 YDS)	-1.50	-.20	.35	.00	-1.41	-4.10	-8.32	-22.74	-48.44
(ZERO RANGE)	(200 YDS)	-1.50	.15	1.05	1.06	.00	-2.33	-6.20	-19.91	-44.91
	(250 YDS)	-1.50	.62	1.99	2.46	1.87	.00	-3.40	-16.18	-40.24
MPBR ZERO	(250 YDS)	-1.50	.62	1.99	2.46	1.87	.00	-3.40	-16.18	-40.24
WIND DRIFT	(10 MPH)	.00	.31	1.28	2.99	5.51	8.95	13.43	26.15	45.12
INCHES	(20 MPH)	.00	.62	2.56	5.98	11.03	17.90	26.86	52.31	90.23

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

VELOCITY FPS		3600	3306	3033	2776	2538	2312	2098	1708	1385
ENERGY FT-LB		1582	1335	1123	941	786	653	537	356	234
DROP INCHES		.00	-.35	-1.50	-3.59	-6.81	-11.39	-17.59	-36.38	-67.24
BULLET PATH	(100 YDS)	-1.50	-.35	.00	-.59	-2.32	-5.39	-10.10	-25.89	-53.75
INCHES	(150 YDS)	-1.50	-.15	.40	.00	-1.53	-4.40	-8.91	-24.30	-51.77
(ZERO RANGE)	(200 YDS)	-1.50	.23	1.16	1.14	.00	-2.50	-6.62	-21.25	-47.96
	(250 YDS)	-1.50	.73	2.16	2.64	2.00	.00	-3.63	-17.26	-42.97
MPBR ZERO	(245 YDS)	-1.50	.67	2.05	2.48	1.78	-.27	-3.95	-17.70	-43.52
WIND DRIFT	(10 MPH)	.00	.32	1.32	3.09	5.70	9.26	13.91	27.16	46.87
INCHES	(20 MPH)	.00	.64	2.65	6.18	11.40	18.53	27.83	54.31	93.75

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		3500	3213	2945	2695	2462	2240	2029	1650	1338
ENERGY FT-LB		1495	1261	1059	887	740	612	503	332	218
DROP INCHES		.00	-.37	-1.59	-3.80	-7.22	-12.07	-18.66	-38.66	-71.62
BULLET PATH	(100 YDS)	-1.50	-.33	.00	-.67	-2.55	-5.86	-10.90	-27.82	-57.70
INCHES	(150 YDS)	-1.50	-.10	.45	.00	-1.65	-4.73	-9.55	-26.02	-55.45
(ZERO RANGE)	(200 YDS)	-1.50	.31	1.27	1.24	.00	-2.67	-7.08	-22.73	-51.33
	(250 YDS)	-1.50	.84	2.34	2.84	2.14	.00	-3.87	-18.45	-45.98
MPBR ZERO	(240 YDS)	-1.50	.73	2.11	2.49	1.68	-.58	-4.57	-19.38	-47.14
WIND DRIFT	(10 MPH)	.00	.33	1.37	3.20	5.90	9.60	14.44	28.24	48.75
INCHES	(20 MPH)	.00	.66	2.74	6.39	11.80	19.20	28.88	56.47	97.51

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

VELOCITY FPS		3400	3120	2858	2614	2384	2166	1960	1592	1293
ENERGY FT-LB		1411	1188	997	834	694	573	469	309	204
DROP INCHES		.00	-.39	-1.68	-4.03	-7.66	-12.82	-19.84	-41.19	-76.46
BULLET PATH	(100 YDS)	-1.50	-.30	.00	-.76	-2.80	-6.37	-11.79	-29.96	-62.05
INCHES	(150 YDS)	-1.50	-.05	.51	.00	-1.78	-5.10	-10.27	-27.93	-59.51
(ZERO RANGE)	(200 YDS)	-1.50	.40	1.40	1.34	.00	-2.87	-7.59	-24.36	-55.05
	(250 YDS)	-1.50	.97	2.55	3.06	2.29	.00	-4.15	-19.77	-49.31
MPBR ZERO	(235 YDS)	-1.50	.79	2.18	2.50	1.56	-.92	-5.26	-21.25	-51.16
WIND DRIFT	(10 MPH)	.00	.34	1.42	3.31	6.12	9.97	15.01	29.41	50.78
INCHES	(20 MPH)	.00	.68	2.84	6.63	12.24	19.94	30.03	58.82	101.55

MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		3300	3026	2770	2532	2307	2093	1891	1534	1250
ENERGY FT-LB		1329	1118	937	783	650	535	436	287	190
DROP INCHES		.00	-.42	-1.79	-4.29	-8.15	-13.64	-21.13	-43.97	-81.79
BULLET PATH	(100 YDS)	-1.50	-.27	.00	-.86	-3.08	-6.93	-12.77	-32.33	-66.86
INCHES	(150 YDS)	-1.50	.01	.57	.00	-1.93	-5.50	-11.05	-30.04	-63.99
(ZERO RANGE)	(200 YDS)	-1.50	.49	1.54	1.45	.00	-3.08	-8.16	-26.18	-59.17
	(250 YDS)	-1.50	1.11	2.77	3.30	2.47	.00	-4.46	-21.24	-53.00
MPBR ZERO	(230 YDS)	-1.50	.85	2.25	2.51	1.42	-1.31	-6.03	-23.33	-55.62
WIND DRIFT	(10 MPH)	.00	.35	1.47	3.44	6.36	10.37	15.64	30.68	52.93
INCHES	(20 MPH)	.00	.71	2.95	6.88	12.72	20.75	31.28	61.36	105.86

MAXIMUM POINT BLANK RANGE IS 260 YARDS. SET ZERO AT 225 YARDS.

VELOCITY FPS		3200	2932	2683	2450	2229	2019	1822	1477	1209
ENERGY FT-LB		1250	1050	879	733	606	498	405	266	178
DROP INCHES		.00	-.44	-1.90	-4.57	-8.68	-14.55	-22.56	-47.05	-87.68
BULLET PATH	(100 YDS)	-1.50	-.24	.00	-.96	-3.38	-7.55	-13.85	-34.95	-72.17
INCHES	(150 YDS)	-1.50	.08	.64	.00	-2.09	-5.94	-11.92	-32.37	-68.95
(ZERO RANGE)	(200 YDS)	-1.50	.60	1.69	1.57	.00	-3.32	-8.78	-28.19	-63.72
	(250 YDS)	-1.50	1.27	3.02	3.56	2.66	.00	-4.80	-22.87	-57.07
MPBR ZERO	(225 YDS)	-1.50	.92	2.32	2.52	1.26	-1.74	-6.89	-25.66	-60.56
WIND DRIFT	(10 MPH)	.00	.37	1.53	3.58	6.62	10.81	16.33	32.05	55.21
INCHES	(20 MPH)	.00	.74	3.06	7.15	13.24	21.62	32.65	64.11	110.42

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

VELOCITY FPS		3100	2838	2596	2368	2150	1945	1753	1421	1170
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ENERGY FT-LB		1173	984	823	684	564	462	375	246	167
DROP INCHES		.00	-.47	-2.03	-4.87	-9.27	-15.56	-24.14	-50.47	-94.20
BULLET PATH	(100 YDS)	-1.50	-.21	.00	-1.08	-3.72	-8.24	-15.06	-37.86	-78.06
INCHES	(150 YDS)	-1.50	.15	.72	.00	-2.27	-6.43	-12.89	-34.98	-74.46
(ZERO RANGE)	(200 YDS)	-1.50	.72	1.86	1.71	.00	-3.59	-9.48	-30.43	-68.77
	(250 YDS)	-1.50	1.44	3.29	3.86	2.87	.00	-5.17	-24.68	-61.59
MPBR ZERO	(215 YDS)	-1.50	.92	2.26	2.31	.80	-2.59	-8.28	-28.82	-66.77
WIND DRIFT	(10 MPH)	.00	.38	1.59	3.72	6.90	11.30	17.08	33.54	57.62
INCHES	(20 MPH)	.00	.77	3.19	7.45	13.81	22.59	34.15	67.07	115.25

MAXIMUM POINT BLANK RANGE IS 245 YARDS. SET ZERO AT 210 YARDS.

VELOCITY FPS		3000	2745	2509	2285	2072	1871	1686	1367	1134
ENERGY FT-LB		1098	920	768	637	524	427	347	228	157
DROP INCHES		.00	-.51	-2.17	-5.21	-9.93	-16.67	-25.90	-54.27	-101.42
BULLET PATH	(100 YDS)	-1.50	-.17	.00	-1.21	-4.09	-9.00	-16.39	-41.10	-84.58
INCHES	(150 YDS)	-1.50	.23	.81	.00	-2.48	-6.98	-13.97	-37.87	-80.55
(ZERO RANGE)	(200 YDS)	-1.50	.85	2.04	1.86	.00	-3.89	-10.26	-32.92	-74.36
	(250 YDS)	-1.50	1.63	3.60	4.19	3.11	.00	-5.60	-26.71	-66.59
MPBR ZERO	(210 YDS)	-1.50	.99	2.33	2.29	.57	-3.17	-9.40	-31.78	-72.93
WIND DRIFT	(10 MPH)	.00	.40	1.66	3.88	7.22	11.82	17.89	35.13	60.14
INCHES	(20 MPH)	.00	.80	3.32	7.77	14.43	23.64	35.78	70.26	120.29

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 240 YARDS. SET ZERO AT 205 YARDS.

VELOCITY FPS		2900	2653	2421	2201	1993	1797	1619	1315	1102
ENERGY FT-LB		1026	859	716	592	485	394	320	211	148
DROP INCHES		.00	-.54	-2.32	-5.59	-10.65	-17.90	-27.85	-58.50	-109.40
BULLET PATH	(100 YDS)	-1.50	-.13	.00	-1.35	-4.50	-9.85	-17.89	-44.71	-91.79
INCHES	(150 YDS)	-1.50	.32	.90	.00	-2.70	-7.59	-15.18	-41.10	-87.28
(ZERO RANGE)	(200 YDS)	-1.50	.99	2.25	2.02	.00	-4.22	-11.13	-35.70	-80.53
	(250 YDS)	-1.50	1.84	3.94	4.56	3.37	.00	-6.07	-28.95	-72.09
MPBR ZERO	(205 YDS)	-1.50	1.07	2.41	2.26	.31	-3.83	-10.67	-35.09	-79.76
WIND DRIFT	(10 MPH)	.00	.42	1.73	4.06	7.55	12.40	18.77	36.83	62.74
INCHES	(20 MPH)	.00	.83	3.46	8.11	15.11	24.79	37.53	73.66	125.49

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

VELOCITY FPS		2800	2560	2333	2118	1915	1726	1554	1265	1072
ENERGY FT-LB		957	800	665	548	447	363	294	195	140
DROP INCHES		.00	-.58	-2.49	-6.00	-11.45	-19.28	-30.03	-63.21	-118.22
BULLET PATH	(100 YDS)	-1.50	-.09	.00	-1.51	-4.97	-10.80	-19.56	-48.75	-99.76
INCHES	(150 YDS)	-1.50	.42	1.01	.00	-2.95	-8.28	-16.53	-44.71	-94.72
(ZERO RANGE)	(200 YDS)	-1.50	1.16	2.48	2.21	.00	-4.59	-12.10	-38.81	-87.34
	(250 YDS)	-1.50	2.07	4.32	4.97	3.67	.00	-6.60	-31.46	-78.16
MPBR ZERO	(200 YDS)	-1.50	1.16	2.48	2.21	.00	-4.59	-12.10	-38.81	-87.34
WIND DRIFT	(10 MPH)	.00	.43	1.80	4.25	7.93	13.02	19.72	38.64	65.41
INCHES	(20 MPH)	.00	.86	3.60	8.49	15.85	26.05	39.44	77.28	130.81

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

VELOCITY FPS		2700	2466	2243	2033	1834	1653	1488	1216	1044
ENERGY FT-LB		890	742	614	504	411	333	270	180	133
DROP INCHES		.00	-.63	-2.69	-6.48	-12.37	-20.86	-32.53	-68.60	-128.19
BULLET PATH	(100 YDS)	-1.50	-.03	.00	-1.70	-5.50	-11.89	-21.48	-53.36	-108.76
INCHES	(150 YDS)	-1.50	.53	1.13	.00	-3.24	-9.07	-18.08	-48.83	-103.11
(ZERO RANGE)	(200 YDS)	-1.50	1.34	2.75	2.43	.00	-5.02	-13.22	-42.35	-95.01
	(250 YDS)	-1.50	2.35	4.76	5.44	4.01	.00	-7.20	-34.33	-84.98
MPBR ZERO	(190 YDS)	-1.50	1.16	2.40	1.90	-.71	-5.91	-14.29	-43.78	-96.79
WIND DRIFT	(10 MPH)	.00	.45	1.90	4.48	8.37	13.76	20.82	40.66	68.23
INCHES	(20 MPH)	.00	.91	3.80	8.96	16.75	27.52	41.64	81.31	136.46

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

VELOCITY FPS		2600	2371	2153	1948	1756	1581	1423	1172	1019
ENERGY FT-LB		825	686	566	463	376	305	247	167	126
DROP INCHES		.00	-.68	-2.90	-7.01	-13.41	-22.63	-35.35	-74.63	-139.20
BULLET PATH	(100 YDS)	-1.50	.02	.00	-1.90	-6.10	-13.13	-23.64	-58.52	-118.69

INCHES	(150 YDS)	-1.50	.66	1.27	.00	-3.57	-9.96	-19.83	-53.45	-112.35
(ZERO RANGE)	(200 YDS)	-1.50	1.55	3.05	2.67	.00	-5.50	-14.48	-46.32	-103.43
	(250 YDS)	-1.50	2.65	5.25	5.97	4.40	.00	-7.89	-37.52	-92.44
MPBR ZERO	(185 YDS)	-1.50	1.26	2.47	1.80	-1.16	-6.95	-16.22	-48.64	-106.33
WIND DRIFT	(10 MPH)	.00	.48	2.01	4.74	8.87	14.56	22.01	42.76	71.05
INCHES	(20 MPH)	.00	.96	4.02	9.49	17.73	29.11	44.01	85.52	142.10

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

VELOCITY FPS		2500	2276	2063	1863	1679	1511	1361	1131	996
ENERGY FT-LB		763	632	520	424	344	278	226	156	121
DROP INCHES		.00	-.73	-3.15	-7.61	-14.58	-24.64	-38.52	-81.39	-151.34
BULLET PATH	(100 YDS)	-1.50	.09	.00	-2.14	-6.78	-14.52	-26.08	-64.30	-129.60
INCHES	(150 YDS)	-1.50	.80	1.42	.00	-3.93	-10.96	-21.80	-58.60	-122.48
(ZERO RANGE)	(200 YDS)	-1.50	1.79	3.39	2.95	.00	-6.04	-15.90	-50.73	-112.64
	(250 YDS)	-1.50	3.00	5.81	6.58	4.83	.00	-8.65	-41.07	-100.56
MPBR ZERO	(180 YDS)	-1.50	1.37	2.55	1.69	-1.68	-8.15	-18.43	-54.10	-116.85
WIND DRIFT	(10 MPH)	.00	.51	2.13	5.03	9.40	15.42	23.28	44.93	73.82
INCHES	(20 MPH)	.00	1.02	4.26	10.06	18.81	30.84	46.55	89.86	147.63

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

VELOCITY FPS		2400	2181	1974	1779	1603	1443	1302	1094	974
ENERGY FT-LB		703	580	475	386	313	254	207	146	115
DROP INCHES		.00	-.80	-3.42	-8.29	-15.90	-26.91	-42.10	-88.93	-164.66
BULLET PATH	(100 YDS)	-1.50	.17	.00	-2.40	-7.55	-16.10	-28.83	-70.74	-141.54
INCHES	(150 YDS)	-1.50	.97	1.60	.00	-4.35	-12.09	-24.02	-64.33	-133.53
(ZERO RANGE)	(200 YDS)	-1.50	2.05	3.78	3.26	.00	-6.66	-17.50	-55.63	-122.66
	(250 YDS)	-1.50	3.39	6.44	7.26	5.32	.00	-9.51	-44.98	-109.34
MPBR ZERO	(170 YDS)	-1.50	1.37	2.41	1.22	-2.73	-10.07	-21.59	-61.09	-129.48
WIND DRIFT	(10 MPH)	.00	.54	2.26	5.35	9.98	16.35	24.62	47.11	76.47
INCHES	(20 MPH)	.00	1.08	4.52	10.70	19.96	32.69	49.24	94.23	152.94

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 195 YARDS. SET ZERO AT 165 YARDS.

VELOCITY FPS		2300	2086	1884	1698	1528	1377	1246	1061	953
ENERGY FT-LB		645	531	433	352	285	231	189	137	110
DROP INCHES		.00	-.87	-3.74	-9.06	-17.41	-29.48	-46.15	-97.36	-179.27
BULLET PATH	(100 YDS)	-1.50	.25	.00	-2.70	-8.43	-17.89	-31.94	-77.90	-154.58
INCHES	(150 YDS)	-1.50	1.15	1.80	.00	-4.82	-13.38	-26.53	-70.69	-145.56
(ZERO RANGE)	(200 YDS)	-1.50	2.36	4.21	3.62	.00	-7.35	-19.29	-61.04	-133.50
	(250 YDS)	-1.50	3.83	7.15	8.03	5.88	.00	-10.47	-49.28	-118.80
MPBR ZERO	(165 YDS)	-1.50	1.49	2.47	1.00	-3.49	-11.71	-24.53	-68.02	-142.23
WIND DRIFT	(10 MPH)	.00	.57	2.41	5.69	10.60	17.33	26.03	49.27	78.98
INCHES	(20 MPH)	.00	1.15	4.82	11.39	21.21	34.66	52.05	98.53	157.95

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

VELOCITY FPS		2200	1991	1796	1618	1456	1313	1194	1032	933
ENERGY FT-LB		590	484	393	319	259	210	174	130	106
DROP INCHES		.00	-.95	-4.10	-9.94	-19.12	-32.41	-50.74	106.73	-195.22
BULLET PATH	(100 YDS)	-1.50	.35	.00	-3.05	-9.43	-19.91	-35.45	-85.84	-168.74
INCHES	(150 YDS)	-1.50	1.36	2.03	.00	-5.36	-14.83	-29.35	-77.71	-158.58
(ZERO RANGE)	(200 YDS)	-1.50	2.70	4.71	4.02	.00	-8.13	-21.31	-66.99	-145.17
	(250 YDS)	-1.50	4.33	7.97	8.90	6.51	.00	-11.55	-53.98	-128.91
MPBR ZERO	(160 YDS)	-1.50	1.61	2.52	.73	-4.38	-13.61	-27.88	-75.75	-156.13
WIND DRIFT	(10 MPH)	.00	.61	2.57	6.06	11.27	18.37	27.47	51.32	81.26
INCHES	(20 MPH)	.00	1.22	5.14	12.12	22.53	36.73	54.93	102.63	162.52

MAXIMUM POINT BLANK RANGE IS 180 YARDS. SET ZERO AT 150 YARDS.

VELOCITY FPS		2100	1897	1710	1539	1386	1254	1147	1005	914
ENERGY FT-LB		538	439	357	289	234	192	160	123	102
DROP INCHES		.00	-1.04	-4.51	-10.95	-21.08	-35.74	-55.93	117.13	-212.62
BULLET PATH	(100 YDS)	-1.50	.46	.00	-3.44	-10.56	-22.21	-39.40	-94.59	-184.07
INCHES	(150 YDS)	-1.50	1.61	2.29	.00	-5.97	-16.48	-32.52	-85.42	-172.60
(ZERO RANGE)	(200 YDS)	-1.50	3.10	5.28	4.48	.00	-9.01	-23.56	-73.47	-157.67
	(250 YDS)	-1.50	4.90	8.89	9.89	7.21	.00	-12.74	-59.05	-139.64

MPBR ZERO	(150 YDS)	-1.50	1.61	2.29	.00	-5.97	-16.48	-32.52	-85.42	-172.60
WIND DRIFT	(10 MPH)	.00	.65	2.75	6.45	11.96	19.43	28.90	53.20	83.26
INCHES	(20 MPH)	.00	1.31	5.49	12.90	23.92	38.86	57.80	106.40	166.52

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

VELOCITY FPS		2000	1803	1625	1462	1319	1198	1104	980	896
ENERGY FT-LB		488	397	322	261	212	175	149	117	98
DROP INCHES		.00	-1.15	-4.98	-12.11	-23.32	-39.53	-61.79	128.63	-231.54
BULLET PATH	(100 YDS)	-1.50	.59	.00	-3.89	-11.86	-24.83	-43.84	104.20	-200.62
INCHES	(150 YDS)	-1.50	1.88	2.59	.00	-6.67	-18.34	-36.06	-93.82	-187.66
(ZERO RANGE)	(200 YDS)	-1.50	3.55	5.93	5.00	.00	-10.00	-26.06	-80.48	-170.98
	(250 YDS)	-1.50	5.55	9.93	11.01	8.00	.00	-14.05	-64.48	-150.97
MPBR ZERO	(145 YDS)	-1.50	1.74	2.30	-.44	-7.26	-19.08	-36.95	-95.01	-189.14
WIND DRIFT	(10 MPH)	.00	.70	2.93	6.86	12.68	20.50	30.28	54.85	84.89
INCHES	(20 MPH)	.00	1.40	5.85	13.71	25.36	41.00	60.56	109.70	169.79

MAXIMUM POINT BLANK RANGE IS 165 YARDS. SET ZERO AT 140 YARDS.

VELOCITY FPS		1900	1712	1541	1388	1255	1148	1067	956	879
ENERGY FT-LB		440	358	290	235	192	161	139	111	94
DROP INCHES		.00	-1.28	-5.53	-13.45	-25.90	-43.86	-68.40	141.30	-252.07
BULLET PATH	(100 YDS)	-1.50	.74	.00	-4.41	-13.33	-27.78	-48.81	114.68	-218.42
INCHES	(150 YDS)	-1.50	2.20	2.94	.00	-7.46	-20.44	-39.99	102.93	-203.73
(ZERO RANGE)	(200 YDS)	-1.50	4.07	6.67	5.59	.00	-11.11	-28.81	-88.01	-185.08
	(250 YDS)	-1.50	6.29	11.11	12.26	8.89	.00	-15.47	-70.23	-162.86
MPBR ZERO	(140 YDS)	-1.50	1.88	2.28	-.99	-8.77	-22.08	-41.97	105.55	-207.01
WIND DRIFT	(10 MPH)	.00	.75	3.11	7.27	13.39	21.52	31.51	56.17	86.07
INCHES	(20 MPH)	.00	1.50	6.22	14.54	26.79	43.03	63.02	112.33	172.13

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

VELOCITY FPS		1800	1621	1459	1316	1196	1103	1033	934	861
ENERGY FT-LB		395	321	260	211	174	148	130	106	90
DROP INCHES		.00	-1.43	-6.17	-15.00	-28.85	-48.78	-75.83	155.23	-274.34
BULLET PATH	(100 YDS)	-1.50	.91	.00	-5.00	-15.02	-31.11	-54.33	126.06	-237.52
INCHES	(150 YDS)	-1.50	2.57	3.33	.00	-8.36	-22.78	-44.33	112.73	-220.85
(ZERO RANGE)	(200 YDS)	-1.50	4.66	7.51	6.27	.00	-12.33	-31.80	-96.02	-199.96
	(250 YDS)	-1.50	7.13	12.45	13.67	9.87	.00	-17.00	-76.28	-175.29
MPBR ZERO	(130 YDS)	-1.50	1.85	1.89	-2.17	-11.25	-26.40	-48.67	118.51	-228.08
WIND DRIFT	(10 MPH)	.00	.79	3.29	7.68	14.07	22.42	32.52	57.07	86.68
INCHES	(20 MPH)	.00	1.58	6.58	15.36	28.15	44.85	65.04	114.14	173.37