

.224 Dia., 55 Gr. SMP

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 335 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		4300	3986	3694	3421	3166	2925	2700	2291	1920
ENERGY FT-LB		2257	1940	1666	1429	1224	1044	890	641	450
DROP INCHES		.00	-.24	-1.04	-2.46	-4.63	-7.67	-11.73	-23.63	-42.22
BULLET PATH	(100 YDS)	-1.50	-.48	.00	-.16	-1.06	-2.84	-5.62	-14.99	-31.04
INCHES	(150 YDS)	-1.50	-.42	.11	.00	-.85	-2.57	-5.30	-14.56	-30.51
(ZERO RANGE)	(200 YDS)	-1.50	-.21	.53	.64	.00	-1.51	-4.03	-12.86	-28.38
	(250 YDS)	-1.50	.09	1.13	1.54	1.20	.00	-2.22	-10.45	-25.37
MPBR ZERO	(290 YDS)	-1.50	.38	1.72	2.41	2.37	1.45	-.48	-8.12	-22.46
WIND DRIFT	(10 MPH)	.00	.24	.98	2.27	4.15	6.68	9.94	18.89	31.79
INCHES	(20 MPH)	.00	.48	1.96	4.53	8.30	13.37	19.88	37.78	63.57

MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 285 YARDS.										
VELOCITY FPS		4200	3893	3607	3340	3089	2852	2634	2231	1865
ENERGY FT-LB		2153	1850	1589	1362	1165	993	847	607	424
DROP INCHES		.00	-.26	-1.09	-2.58	-4.86	-8.05	-12.31	-24.80	-44.36
BULLET PATH	(100 YDS)	-1.50	-.46	.00	-.21	-1.19	-3.09	-6.05	-15.96	-32.94
INCHES	(150 YDS)	-1.50	-.39	.14	.00	-.92	-2.74	-5.64	-15.42	-32.25
(ZERO RANGE)	(200 YDS)	-1.50	-.17	.59	.69	.00	-1.60	-4.27	-13.58	-29.96
	(250 YDS)	-1.50	.15	1.23	1.65	1.28	.00	-2.35	-11.03	-26.77
MPBR ZERO	(285 YDS)	-1.50	.42	1.77	2.45	2.35	1.33	-.75	-8.89	-24.10
WIND DRIFT	(10 MPH)	.00	.24	1.00	2.32	4.26	6.86	10.21	19.42	32.74
INCHES	(20 MPH)	.00	.49	2.01	4.65	8.51	13.73	20.43	38.84	65.47

MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		4100	3800	3520	3258	3012	2780	2567	2170	1811
ENERGY FT-LB		2052	1763	1513	1296	1108	944	805	575	400
DROP INCHES		.00	-.27	-1.14	-2.71	-5.10	-8.45	-12.93	-26.07	-46.68
BULLET PATH	(100 YDS)	-1.50	-.45	.00	-.25	-1.32	-3.35	-6.51	-17.02	-34.99
INCHES	(150 YDS)	-1.50	-.36	.17	.00	-.99	-2.93	-6.00	-16.34	-34.14
(ZERO RANGE)	(200 YDS)	-1.50	-.12	.66	.74	.00	-1.70	-4.52	-14.37	-31.67
	(250 YDS)	-1.50	.22	1.34	1.76	1.36	.00	-2.48	-11.65	-28.28
MPBR ZERO	(280 YDS)	-1.50	.46	1.82	2.48	2.32	1.20	-1.04	-9.73	-25.88
WIND DRIFT	(10 MPH)	.00	.25	1.03	2.39	4.37	7.06	10.50	19.99	33.75
INCHES	(20 MPH)	.00	.50	2.06	4.77	8.75	14.12	21.00	39.98	67.50

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		4000	3707	3433	3177	2935	2710	2500	2109	1758
ENERGY FT-LB		1953	1677	1439	1232	1052	896	763	543	377
DROP INCHES		.00	-.28	-1.20	-2.85	-5.36	-8.89	-13.60	-27.44	-49.19
BULLET PATH	(100 YDS)	-1.50	-.43	.00	-.30	-1.47	-3.65	-7.01	-18.16	-37.21
INCHES	(150 YDS)	-1.50	-.33	.20	.00	-1.06	-3.14	-6.40	-17.34	-36.20
(ZERO RANGE)	(200 YDS)	-1.50	-.07	.74	.80	.00	-1.81	-4.80	-15.22	-33.53
	(250 YDS)	-1.50	.30	1.46	1.88	1.45	.00	-2.63	-12.32	-29.92
MPBR ZERO	(275 YDS)	-1.50	.51	1.88	2.51	2.29	1.05	-1.37	-10.64	-27.82
WIND DRIFT	(10 MPH)	.00	.26	1.06	2.45	4.50	7.26	10.80	20.60	34.84
INCHES	(20 MPH)	.00	.51	2.12	4.91	9.00	14.52	21.61	41.20	69.68

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		3900	3613	3346	3095	2857	2639	2432	2047	1705
ENERGY FT-LB		1857	1594	1367	1169	997	850	722	511	355
DROP INCHES		.00	-.30	-1.26	-3.00	-5.65	-9.36	-14.32	-28.93	-51.93
BULLET PATH	(100 YDS)	-1.50	-.42	.00	-.36	-1.63	-3.96	-7.54	-19.39	-39.63
INCHES	(150 YDS)	-1.50	-.30	.24	.00	-1.15	-3.36	-6.82	-18.43	-38.43
(ZERO RANGE)	(200 YDS)	-1.50	-.01	.81	.86	.00	-1.93	-5.10	-16.14	-35.56
	(250 YDS)	-1.50	.38	1.58	2.02	1.54	.00	-2.79	-13.06	-31.71
MPBR ZERO	(270 YDS)	-1.50	.55	1.94	2.55	2.25	.88	-1.73	-11.64	-29.94
WIND DRIFT	(10 MPH)	.00	.26	1.09	2.52	4.63	7.48	11.13	21.25	36.00
INCHES	(20 MPH)	.00	.53	2.18	5.05	9.26	14.96	22.26	42.51	72.01

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 265 YARDS.

VELOCITY FPS		3800	3520	3258	3012	2780	2567	2364	1985	1652
ENERGY FT-LB		1763	1513	1296	1108	943	804	682	481	333
DROP INCHES		.00	-.31	-1.33	-3.16	-5.95	-9.87	-15.11	-30.54	-54.90
BULLET PATH	(100 YDS)	-1.50	-.40	.00	-.42	-1.80	-4.30	-8.13	-20.74	-42.27
INCHES	(150 YDS)	-1.50	-.26	.28	.00	-1.24	-3.60	-7.29	-19.62	-40.87
(ZERO RANGE)	(200 YDS)	-1.50	.05	.90	.93	.00	-2.05	-5.43	-17.14	-37.77
	(250 YDS)	-1.50	.46	1.72	2.16	1.64	.00	-2.96	-13.85	-33.66
MPBR ZERO	(265 YDS)	-1.50	.60	2.00	2.58	2.20	.70	-2.12	-12.74	-32.27
WIND DRIFT	(10 MPH)	.00	.27	1.12	2.60	4.78	7.71	11.48	21.96	37.25
INCHES	(20 MPH)	.00	.54	2.24	5.20	9.55	15.42	22.96	43.91	74.50

RANGE YARDS MUZZLE 50 100 150 200 250 300 400 500

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 255 YARDS.

VELOCITY FPS		3700	3426	3170	2929	2704	2495	2295	1923	1600
ENERGY FT-LB		1671	1433	1227	1048	893	760	643	451	312
DROP INCHES		.00	-.33	-1.40	-3.34	-6.28	-10.42	-15.96	-32.30	-58.15
BULLET PATH	(100 YDS)	-1.50	-.38	.00	-.49	-1.98	-4.67	-8.76	-22.20	-45.15
INCHES	(150 YDS)	-1.50	-.22	.32	.00	-1.34	-3.86	-7.79	-20.91	-43.53
(ZERO RANGE)	(200 YDS)	-1.50	.12	.99	1.00	.00	-2.19	-5.78	-18.23	-40.19
	(250 YDS)	-1.50	.55	1.87	2.32	1.75	.00	-3.15	-14.73	-35.80
MPBR ZERO	(255 YDS)	-1.50	.60	1.97	2.46	1.95	.24	-2.86	-14.34	-35.32
WIND DRIFT	(10 MPH)	.00	.28	1.15	2.68	4.93	7.96	11.85	22.72	38.59
INCHES	(20 MPH)	.00	.56	2.31	5.36	9.86	15.91	23.71	45.43	77.18

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

VELOCITY FPS		3600	3333	3082	2846	2628	2422	2225	1860	1547
ENERGY FT-LB		1582	1356	1160	989	843	716	605	422	292
DROP INCHES		.00	-.35	-1.48	-3.53	-6.65	-11.03	-16.89	-34.22	-61.71
BULLET PATH	(100 YDS)	-1.50	-.36	.00	-.56	-2.19	-5.08	-9.45	-23.81	-48.31
INCHES	(150 YDS)	-1.50	-.17	.37	.00	-1.44	-4.15	-8.34	-22.32	-46.45
(ZERO RANGE)	(200 YDS)	-1.50	.19	1.09	1.08	.00	-2.34	-6.17	-19.43	-42.84
	(250 YDS)	-1.50	.66	2.03	2.49	1.87	.00	-3.36	-15.68	-38.16
MPBR ZERO	(250 YDS)	-1.50	.66	2.03	2.49	1.87	.00	-3.36	-15.68	-38.16
WIND DRIFT	(10 MPH)	.00	.29	1.19	2.77	5.09	8.22	12.26	23.54	40.03
INCHES	(20 MPH)	.00	.58	2.38	5.54	10.19	16.44	24.52	47.08	80.06

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

VELOCITY FPS		3500	3239	2994	2763	2551	2349	2156	1798	1496
ENERGY FT-LB		1495	1281	1094	932	795	673	567	394	273
DROP INCHES		.00	-.37	-1.57	-3.73	-7.04	-11.68	-17.90	-36.33	-65.61
BULLET PATH	(100 YDS)	-1.50	-.34	.00	-.63	-2.41	-5.52	-10.20	-25.56	-51.78
INCHES	(150 YDS)	-1.50	-.12	.42	.00	-1.56	-4.46	-8.93	-23.87	-49.66
(ZERO RANGE)	(200 YDS)	-1.50	.27	1.20	1.17	.00	-2.51	-6.59	-20.75	-45.76
	(250 YDS)	-1.50	.77	2.21	2.68	2.01	.00	-3.58	-16.74	-40.74
MPBR ZERO	(245 YDS)	-1.50	.71	2.10	2.51	1.79	-.27	-3.91	-17.17	-41.29
WIND DRIFT	(10 MPH)	.00	.30	1.23	2.87	5.27	8.51	12.69	24.43	41.57
INCHES	(20 MPH)	.00	.60	2.47	5.74	10.53	17.01	25.39	48.87	83.14

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

VELOCITY FPS		3400	3145	2905	2682	2474	2275	2085	1737	1445
ENERGY FT-LB		1411	1208	1030	878	747	632	531	368	255
DROP INCHES		.00	-.39	-1.66	-3.96	-7.47	-12.40	-19.01	-38.64	-69.90
BULLET PATH	(100 YDS)	-1.50	-.31	.00	-.72	-2.65	-6.00	-11.03	-27.50	-55.60
INCHES	(150 YDS)	-1.50	-.07	.48	.00	-1.69	-4.80	-9.59	-25.58	-53.20
(ZERO RANGE)	(200 YDS)	-1.50	.35	1.32	1.27	.00	-2.69	-7.06	-22.20	-48.98
	(250 YDS)	-1.50	.89	2.40	2.88	2.15	.00	-3.83	-17.90	-43.60
MPBR ZERO	(240 YDS)	-1.50	.77	2.17	2.53	1.69	-.58	-4.53	-18.83	-44.76
WIND DRIFT	(10 MPH)	.00	.31	1.28	2.97	5.45	8.82	13.17	25.40	43.23
INCHES	(20 MPH)	.00	.62	2.55	5.94	10.91	17.63	26.34	50.80	86.46

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

VELOCITY FPS		3300	3051	2816	2601	2396	2201	2015	1677	1395
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ENERGY FT-LB		1329	1136	968	826	701	591	495	343	237
DROP INCHES		.00	-.42	-1.76	-4.21	-7.94	-13.19	-20.23	-41.18	-74.63
BULLET PATH	(100 YDS)	-1.50	-.28	.00	-.81	-2.91	-6.53	-11.94	-29.63	-59.80
INCHES	(150 YDS)	-1.50	-.01	.54	.00	-1.83	-5.17	-10.31	-27.46	-57.10
(ZERO RANGE)	(200 YDS)	-1.50	.45	1.46	1.37	.00	-2.89	-7.57	-23.80	-52.53
	(250 YDS)	-1.50	1.02	2.61	3.10	2.31	.00	-4.11	-19.18	-46.75
MPBR ZERO	(235 YDS)	-1.50	.84	2.24	2.55	1.57	-.92	-5.21	-20.66	-48.60
WIND DRIFT	(10 MPH)	.00	.32	1.33	3.08	5.65	9.15	13.68	26.44	45.01
INCHES	(20 MPH)	.00	.64	2.65	6.16	11.31	18.30	27.37	52.88	90.02

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

VELOCITY FPS		3200	2957	2729	2519	2318	2126	1943	1617	1346
ENERGY FT-LB		1250	1067	909	774	656	552	461	319	221
DROP INCHES		.00	-.44	-1.88	-4.48	-8.46	-14.05	-21.57	-44.00	-79.86
BULLET PATH	(100 YDS)	-1.50	-.25	.00	-.91	-3.20	-7.11	-12.94	-31.98	-64.47
INCHES	(150 YDS)	-1.50	.05	.61	.00	-1.98	-5.58	-11.11	-29.54	-61.42
(ZERO RANGE)	(200 YDS)	-1.50	.55	1.60	1.49	.00	-3.11	-8.14	-25.58	-56.46
	(250 YDS)	-1.50	1.17	2.84	3.35	2.49	.00	-4.41	-20.61	-50.25
MPBR ZERO	(225 YDS)	-1.50	.84	2.19	2.37	1.18	-1.63	-6.36	-23.21	-53.50
WIND DRIFT	(10 MPH)	.00	.33	1.38	3.20	5.87	9.51	14.25	27.57	46.92
INCHES	(20 MPH)	.00	.67	2.76	6.39	11.74	19.02	28.50	55.14	93.84

RANGE YARDS MUZZLE 50 100 150 200 250 300 400 500

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

VELOCITY FPS		3100	2862	2643	2436	2239	2051	1873	1558	1299
ENERGY FT-LB		1173	1000	853	725	612	513	428	296	206
DROP INCHES		.00	-.47	-2.00	-4.78	-9.02	-15.00	-23.05	-47.10	-85.62
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-1.03	-3.52	-7.75	-14.04	-34.58	-69.60
INCHES	(150 YDS)	-1.50	.12	.68	.00	-2.15	-6.04	-11.99	-31.85	-66.18
(ZERO RANGE)	(200 YDS)	-1.50	.66	1.76	1.61	.00	-3.35	-8.77	-27.55	-60.81
	(250 YDS)	-1.50	1.33	3.10	3.62	2.68	.00	-4.75	-22.19	-54.11
MPBR ZERO	(220 YDS)	-1.50	.91	2.27	2.37	1.01	-2.08	-7.25	-25.52	-58.28
WIND DRIFT	(10 MPH)	.00	.35	1.43	3.32	6.10	9.90	14.86	28.77	48.94
INCHES	(20 MPH)	.00	.69	2.86	6.63	12.20	19.81	29.71	57.55	97.88

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

VELOCITY FPS		3000	2768	2556	2353	2160	1976	1802	1499	1253
ENERGY FT-LB		1098	936	798	676	569	476	396	274	191
DROP INCHES		.00	-.50	-2.14	-5.11	-9.65	-16.05	-24.69	-50.54	-92.01
BULLET PATH	(100 YDS)	-1.50	-.18	.00	-1.15	-3.87	-8.45	-15.27	-37.48	-75.31
INCHES	(150 YDS)	-1.50	.20	.77	.00	-2.34	-6.54	-12.97	-34.42	-71.48
(ZERO RANGE)	(200 YDS)	-1.50	.78	1.93	1.75	.00	-3.62	-9.47	-29.74	-65.64
	(250 YDS)	-1.50	1.51	3.38	3.92	2.90	.00	-5.13	-23.95	-58.40
MPBR ZERO	(215 YDS)	-1.50	.99	2.34	2.36	.81	-2.60	-8.25	-28.11	-63.61
WIND DRIFT	(10 MPH)	.00	.36	1.49	3.45	6.35	10.33	15.52	30.08	51.09
INCHES	(20 MPH)	.00	.72	2.97	6.89	12.71	20.66	31.05	60.16	102.19

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

VELOCITY FPS		2900	2677	2469	2270	2081	1901	1733	1442	1210
ENERGY FT-LB		1026	875	744	629	528	441	367	253	179
DROP INCHES		.00	-.54	-2.29	-5.47	-10.34	-17.22	-26.51	-54.36	-99.09
BULLET PATH	(100 YDS)	-1.50	-.14	.00	-1.28	-4.26	-9.24	-16.64	-40.70	-81.64
INCHES	(150 YDS)	-1.50	.28	.86	.00	-2.55	-7.10	-14.07	-37.27	-77.36
(ZERO RANGE)	(200 YDS)	-1.50	.92	2.13	1.91	.00	-3.92	-10.25	-32.18	-71.00
	(250 YDS)	-1.50	1.71	3.70	4.26	3.14	.00	-5.55	-25.91	-63.16
MPBR ZERO	(210 YDS)	-1.50	1.07	2.42	2.35	.58	-3.19	-9.38	-31.02	-69.54
WIND DRIFT	(10 MPH)	.00	.37	1.54	3.58	6.63	10.80	16.24	31.47	53.35
INCHES	(20 MPH)	.00	.75	3.08	7.17	13.25	21.59	32.48	62.94	106.71

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

VELOCITY FPS		2800	2586	2382	2187	2001	1826	1666	1386	1170
ENERGY FT-LB		957	816	692	584	489	407	339	234	167
DROP INCHES		.00	-.58	-2.45	-5.87	-11.10	-18.51	-28.52	-58.60	-106.93
BULLET PATH	(100 YDS)	-1.50	-.10	.00	-1.43	-4.69	-10.12	-18.16	-44.28	-88.66

INCHES	(150 YDS)	-1.50	.38	.96	.00	-2.78	-7.73	-15.29	-40.46	-83.87
(ZERO RANGE)	(200 YDS)	-1.50	1.07	2.35	2.08	.00	-4.26	-11.12	-34.90	-76.93
	(250 YDS)	-1.50	1.92	4.05	4.64	3.40	.00	-6.01	-28.09	-68.42
MPBR ZERO	(200 YDS)	-1.50	1.07	2.35	2.08	.00	-4.26	-11.12	-34.90	-76.93
WIND DRIFT	(10 MPH)	.00	.38	1.59	3.73	6.92	11.30	17.01	32.95	55.71
INCHES	(20 MPH)	.00	.77	3.18	7.45	13.83	22.59	34.02	65.90	111.41

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

VELOCITY FPS		2700	2490	2291	2100	1919	1750	1596	1329	1132
ENERGY FT-LB		890	757	640	538	449	374	311	215	156
DROP INCHES		.00	-.62	-2.65	-6.33	-11.98	-20.01	-30.87	-63.53	-115.99
BULLET PATH	(100 YDS)	-1.50	-.05	.00	-1.61	-5.19	-11.14	-19.93	-48.45	-96.76
INCHES	(150 YDS)	-1.50	.49	1.07	.00	-3.05	-8.46	-16.71	-44.16	-91.39
(ZERO RANGE)	(200 YDS)	-1.50	1.25	2.60	2.29	.00	-4.65	-12.14	-38.06	-83.77
	(250 YDS)	-1.50	2.18	4.46	5.08	3.72	.00	-6.56	-30.62	-74.47
MPBR ZERO	(195 YDS)	-1.50	1.17	2.43	2.03	-.34	-5.07	-12.64	-38.74	-84.61
WIND DRIFT	(10 MPH)	.00	.40	1.68	3.93	7.30	11.94	17.95	34.70	58.37
INCHES	(20 MPH)	.00	.81	3.35	7.87	14.61	23.87	35.90	69.40	116.73

MAXIMUM POINT BLANK RANGE IS 220 YARDS. SET ZERO AT 190 YARDS.

VELOCITY FPS		2600	2395	2199	2013	1837	1676	1528	1276	1097
ENERGY FT-LB		825	700	590	495	412	343	285	198	147
DROP INCHES		.00	-.67	-2.86	-6.85	-12.98	-21.69	-33.50	-69.07	-126.07
BULLET PATH	(100 YDS)	-1.50	.01	.00	-1.81	-5.76	-12.30	-21.93	-53.13	-105.78
INCHES	(150 YDS)	-1.50	.61	1.21	.00	-3.35	-9.28	-18.31	-48.31	-99.75
(ZERO RANGE)	(200 YDS)	-1.50	1.45	2.88	2.51	.00	-5.09	-13.28	-41.60	-91.37
	(250 YDS)	-1.50	2.47	4.92	5.57	4.07	.00	-7.17	-33.46	-81.18
MPBR ZERO	(190 YDS)	-1.50	1.27	2.52	1.97	-.73	-6.01	-14.38	-43.07	-93.19
WIND DRIFT	(10 MPH)	.00	.43	1.77	4.16	7.73	12.63	18.97	36.56	61.09
INCHES	(20 MPH)	.00	.85	3.54	8.32	15.47	25.26	37.94	73.12	122.18

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 210 YARDS. SET ZERO AT 180 YARDS.

VELOCITY FPS		2500	2299	2108	1927	1757	1603	1461	1225	1066
ENERGY FT-LB		763	645	543	453	377	313	260	183	138
DROP INCHES		.00	-.73	-3.10	-7.43	-14.10	-23.60	-36.48	-75.28	-137.27
BULLET PATH	(100 YDS)	-1.50	.07	.00	-2.03	-6.41	-13.60	-24.18	-58.39	-115.78
INCHES	(150 YDS)	-1.50	.75	1.35	.00	-3.70	-10.21	-20.12	-52.97	-109.01
(ZERO RANGE)	(200 YDS)	-1.50	1.68	3.20	2.77	.00	-5.59	-14.57	-45.57	-99.76
	(250 YDS)	-1.50	2.79	5.44	6.13	4.47	.00	-7.86	-36.62	-88.58
MPBR ZERO	(180 YDS)	-1.50	1.28	2.42	1.59	-1.58	-7.56	-16.94	-48.73	-103.70
WIND DRIFT	(10 MPH)	.00	.45	1.88	4.41	8.21	13.37	20.06	38.51	63.82
INCHES	(20 MPH)	.00	.90	3.76	8.83	16.41	26.75	40.13	77.03	127.64

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

VELOCITY FPS		2400	2204	2018	1841	1680	1531	1397	1178	1038
ENERGY FT-LB		703	593	497	414	344	286	238	169	131
DROP INCHES		.00	-.79	-3.37	-8.09	-15.38	-25.75	-39.84	-82.25	-149.68
BULLET PATH	(100 YDS)	-1.50	.15	.00	-2.28	-7.14	-15.07	-26.72	-64.27	-126.83
INCHES	(150 YDS)	-1.50	.91	1.52	.00	-4.09	-11.26	-22.16	-58.18	-119.21
(ZERO RANGE)	(200 YDS)	-1.50	1.93	3.57	3.07	.00	-6.15	-16.02	-50.00	-108.99
	(250 YDS)	-1.50	3.16	6.03	6.76	4.92	.00	-8.64	-40.15	-96.68
MPBR ZERO	(175 YDS)	-1.50	1.39	2.49	1.45	-2.15	-8.84	-19.25	-54.31	-114.37
WIND DRIFT	(10 MPH)	.00	.48	2.00	4.69	8.71	14.17	21.22	40.52	66.49
INCHES	(20 MPH)	.00	.96	3.99	9.38	17.42	28.34	42.45	81.04	132.99

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

VELOCITY FPS		2300	2109	1927	1757	1603	1462	1335	1135	1012
ENERGY FT-LB		645	543	453	377	313	261	217	157	125
DROP INCHES		.00	-.86	-3.68	-8.84	-16.82	-28.19	-43.63	-90.08	-163.39
BULLET PATH	(100 YDS)	-1.50	.23	.00	-2.57	-7.96	-16.74	-29.60	-70.86	-139.00
INCHES	(150 YDS)	-1.50	1.09	1.72	.00	-4.53	-12.45	-24.45	-64.00	-130.42
(ZERO RANGE)	(200 YDS)	-1.50	2.22	3.98	3.40	.00	-6.79	-17.65	-54.93	-119.09
	(250 YDS)	-1.50	3.58	6.70	7.47	5.43	.00	-9.51	-44.08	-105.52

MPBR ZERO	(170 YDS)	-1.50	1.51	2.57	1.28	-2.83	-10.33	-21.90	-60.60	-126.17
WIND DRIFT	(10 MPH)	.00	.51	2.13	5.00	9.25	15.02	22.45	42.55	69.06
INCHES	(20 MPH)	.00	1.02	4.25	9.99	18.49	30.03	44.89	85.10	138.11

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

VELOCITY FPS		2200	2013	1837	1676	1528	1394	1276	1097	988
ENERGY FT-LB		590	495	412	343	285	237	198	147	119
DROP INCHES		.00	-.94	-4.03	-9.70	-18.46	-30.96	-47.93	-98.85	-178.51
BULLET PATH	(100 YDS)	-1.50	.32	.00	-2.90	-8.90	-18.63	-32.84	-78.22	-152.35
INCHES	(150 YDS)	-1.50	1.29	1.93	.00	-5.03	-13.80	-27.04	-70.48	-142.68
(ZERO RANGE)	(200 YDS)	-1.50	2.55	4.45	3.77	.00	-7.51	-19.49	-60.42	-130.10
	(250 YDS)	-1.50	4.05	7.45	8.28	6.00	.00	-10.48	-48.41	-115.09
MPBR ZERO	(160 YDS)	-1.50	1.52	2.40	.69	-4.11	-12.64	-25.65	-68.63	-140.37
WIND DRIFT	(10 MPH)	.00	.54	2.27	5.32	9.81	15.91	23.71	44.55	71.43
INCHES	(20 MPH)	.00	1.09	4.54	10.63	19.63	31.81	47.42	89.09	142.87

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

VELOCITY FPS		2100	1918	1750	1596	1455	1329	1220	1063	965
ENERGY FT-LB		538	449	373	311	258	215	181	138	113
DROP INCHES		.00	-1.04	-4.44	-10.68	-20.34	-34.11	-52.81	108.65	-195.12
BULLET PATH	(100 YDS)	-1.50	.43	.00	-3.27	-9.97	-20.77	-36.50	-86.41	-166.95
INCHES	(150 YDS)	-1.50	1.52	2.18	.00	-5.60	-15.32	-29.96	-77.68	-156.03
(ZERO RANGE)	(200 YDS)	-1.50	2.92	4.98	4.20	.00	-8.32	-21.55	-66.47	-142.03
	(250 YDS)	-1.50	4.59	8.31	9.19	6.65	.00	-11.58	-53.17	-125.40
MPBR ZERO	(155 YDS)	-1.50	1.65	2.44	.38	-5.09	-14.68	-29.19	-76.65	-154.76
WIND DRIFT	(10 MPH)	.00	.58	2.42	5.65	10.40	16.82	24.99	46.43	73.55
INCHES	(20 MPH)	.00	1.16	4.85	11.30	20.81	33.65	49.99	92.86	147.11

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

VELOCITY FPS		2000	1824	1664	1517	1384	1267	1169	1032	944
ENERGY FT-LB		488	406	338	281	234	196	167	130	108
DROP INCHES		.00	-1.14	-4.90	-11.80	-22.48	-37.71	-58.35	119.58	-213.33
BULLET PATH	(100 YDS)	-1.50	.56	.00	-3.70	-11.18	-23.21	-40.64	-95.48	-182.83
INCHES	(150 YDS)	-1.50	1.79	2.47	.00	-6.25	-17.04	-33.25	-85.62	-170.50
(ZERO RANGE)	(200 YDS)	-1.50	3.35	5.59	4.69	.00	-9.23	-23.87	-73.12	-154.87
	(250 YDS)	-1.50	5.20	9.28	10.23	7.38	.00	-12.80	-58.35	-136.41
MPBR ZERO	(150 YDS)	-1.50	1.79	2.47	.00	-6.25	-17.04	-33.25	-85.62	-170.50
WIND DRIFT	(10 MPH)	.00	.62	2.58	5.99	11.01	17.75	26.25	48.13	75.33
INCHES	(20 MPH)	.00	1.24	5.15	11.98	22.02	35.50	52.51	96.25	150.66