

.257 Dia., 87 Gr. SPT

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		3700	3507	3324	3148	2980	2818	2660	2359	2077
ENERGY FT-LB		2644	2376	2134	1915	1715	1534	1366	1074	833
DROP INCHES		.00	-.32	-1.35	-3.17	-5.86	-9.53	-14.30	-27.67	-47.32
BULLET PATH	(100 YDS)	-1.50	-.40	.00	-.39	-1.65	-3.90	-7.24	-17.76	-34.55
INCHES	(200 YDS)	-1.50	.02	.83	.85	.00	-1.83	-4.76	-14.45	-30.41
(ZERO RANGE)	(300 YDS)	-1.50	.81	2.41	3.23	3.17	2.13	.00	-8.11	-22.49
	(400 YDS)	-1.50	1.82	4.44	6.27	7.22	7.20	6.08	.00	-12.36
MPBR ZERO	(275 YDS)	-1.50	.59	1.97	2.57	2.29	1.03	-1.32	-9.87	-24.69
WIND DRIFT	(10 MPH)	.00	.19	.79	1.81	3.30	5.27	7.78	14.59	24.17
INCHES	(20 MPH)	.00	.39	1.58	3.63	6.59	10.54	15.56	29.17	48.33

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 265 YARDS.										
VELOCITY FPS		3600	3412	3233	3061	2896	2736	2580	2284	2006
ENERGY FT-LB		2503	2249	2019	1810	1620	1446	1286	1008	777
DROP INCHES		.00	-.34	-1.43	-3.35	-6.20	-10.08	-15.12	-29.29	-50.16
BULLET PATH	(100 YDS)	-1.50	-.38	.00	-.45	-1.84	-4.25	-7.83	-19.07	-37.01
INCHES	(200 YDS)	-1.50	.08	.92	.92	.00	-1.96	-5.08	-15.40	-32.42
(ZERO RANGE)	(300 YDS)	-1.50	.93	2.61	3.46	3.39	2.27	.00	-8.63	-23.96
	(400 YDS)	-1.50	2.01	4.77	6.70	7.70	7.67	6.47	.00	-13.17
MPBR ZERO	(265 YDS)	-1.50	.60	1.96	2.49	2.09	.65	-1.95	-11.23	-27.20
WIND DRIFT	(10 MPH)	.00	.20	.81	1.87	3.41	5.45	8.05	15.13	25.12
INCHES	(20 MPH)	.00	.40	1.63	3.75	6.81	10.90	16.11	30.26	50.24

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 260 YARDS.										
VELOCITY FPS		3500	3316	3141	2973	2811	2653	2500	2210	1936
ENERGY FT-LB		2366	2125	1906	1707	1526	1359	1207	943	724
DROP INCHES		.00	-.36	-1.51	-3.55	-6.56	-10.68	-16.03	-31.08	-53.28
BULLET PATH	(100 YDS)	-1.50	-.36	.00	-.53	-2.03	-4.64	-8.49	-20.52	-39.72
INCHES	(200 YDS)	-1.50	.15	1.02	1.00	.00	-2.10	-5.43	-16.46	-34.63
(ZERO RANGE)	(300 YDS)	-1.50	1.06	2.83	3.72	3.62	2.43	.00	-9.21	-25.58
	(400 YDS)	-1.50	2.21	5.13	7.17	8.23	8.18	6.91	.00	-14.06
MPBR ZERO	(260 YDS)	-1.50	.67	2.04	2.54	2.05	.46	-2.36	-12.36	-29.51
WIND DRIFT	(10 MPH)	.00	.21	.84	1.94	3.53	5.65	8.35	15.73	26.16
INCHES	(20 MPH)	.00	.41	1.68	3.87	7.05	11.30	16.71	31.46	52.33

MAXIMUM POINT BLANK RANGE IS 295 YARDS. SET ZERO AT 250 YARDS.										
VELOCITY FPS		3400	3221	3049	2885	2725	2570	2420	2134	1865
ENERGY FT-LB		2232	2004	1796	1607	1434	1275	1131	880	672
DROP INCHES		.00	-.38	-1.60	-3.76	-6.96	-11.33	-17.02	-33.04	-56.73
BULLET PATH	(100 YDS)	-1.50	-.33	.00	-.60	-2.25	-5.07	-9.20	-22.12	-42.71
INCHES	(200 YDS)	-1.50	.23	1.13	1.08	.00	-2.26	-5.83	-17.62	-37.08
(ZERO RANGE)	(300 YDS)	-1.50	1.20	3.07	4.00	3.88	2.60	.00	-9.85	-27.37
	(400 YDS)	-1.50	2.43	5.53	7.69	8.81	8.76	7.39	.00	-15.06
MPBR ZERO	(250 YDS)	-1.50	.68	2.03	2.44	1.80	.00	-3.12	-14.01	-32.57
WIND DRIFT	(10 MPH)	.00	.21	.87	2.01	3.66	5.87	8.69	16.39	27.32
INCHES	(20 MPH)	.00	.43	1.74	4.01	7.31	11.73	17.38	32.78	54.64

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 245 YARDS.										
VELOCITY FPS		3300	3125	2957	2796	2638	2486	2339	2058	1794
ENERGY FT-LB		2103	1886	1689	1510	1344	1194	1056	818	622
DROP INCHES		.00	-.41	-1.70	-3.99	-7.40	-12.05	-18.10	-35.20	-60.55
BULLET PATH	(100 YDS)	-1.50	-.31	.00	-.69	-2.49	-5.54	-9.99	-23.88	-46.03
INCHES	(200 YDS)	-1.50	.32	1.24	1.18	.00	-2.43	-6.26	-18.91	-39.81
(ZERO RANGE)	(300 YDS)	-1.50	1.36	3.33	4.31	4.17	2.79	.00	-10.56	-29.38
	(400 YDS)	-1.50	2.68	5.97	8.27	9.45	9.39	7.92	.00	-16.18
MPBR ZERO	(245 YDS)	-1.50	.75	2.11	2.48	1.73	-.26	-3.66	-15.44	-35.47
WIND DRIFT	(10 MPH)	.00	.22	.90	2.08	3.80	6.11	9.06	17.12	28.59
INCHES	(20 MPH)	.00	.44	1.81	4.17	7.61	12.22	18.12	34.23	57.19

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

VELOCITY FPS		3200	3029	2865	2706	2551	2402	2257	1981	1723
ENERGY FT-LB		1977	1772	1585	1414	1257	1114	984	758	574
DROP INCHES		.00	-.43	-1.81	-4.25	-7.88	-12.84	-19.31	-37.59	-64.79
BULLET PATH	(100 YDS)	-1.50	-.28	.00	-.78	-2.75	-6.06	-10.87	-25.84	-49.72
INCHES	(200 YDS)	-1.50	.41	1.38	1.28	.00	-2.62	-6.74	-20.34	-42.84
(ZERO RANGE)	(300 YDS)	-1.50	1.53	3.62	4.65	4.49	3.00	.00	-11.35	-31.61
	(400 YDS)	-1.50	2.95	6.46	8.91	10.17	10.09	8.51	.00	-17.42
MPBR ZERO	(240 YDS)	-1.50	.82	2.20	2.52	1.65	-.56	-4.27	-17.04	-38.72
WIND DRIFT	(10 MPH)	.00	.23	.94	2.17	3.97	6.38	9.47	17.93	30.00
INCHES	(20 MPH)	.00	.46	1.88	4.34	7.93	12.76	18.93	35.85	60.01

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		3100	2933	2772	2615	2464	2317	2175	1904	1653
ENERGY FT-LB		1856	1661	1484	1321	1172	1037	914	700	528
DROP INCHES		.00	-.46	-1.93	-4.54	-8.41	-13.72	-20.64	-40.26	-69.52
BULLET PATH	(100 YDS)	-1.50	-.24	.00	-.89	-3.04	-6.63	-11.84	-28.02	-53.85
INCHES	(200 YDS)	-1.50	.52	1.52	1.40	.00	-2.83	-7.27	-21.93	-46.24
(ZERO RANGE)	(300 YDS)	-1.50	1.73	3.95	5.03	4.85	3.23	.00	-12.24	-34.12
	(400 YDS)	-1.50	3.26	7.01	9.62	10.97	10.88	9.18	.00	-18.83
MPBR ZERO	(230 YDS)	-1.50	.84	2.18	2.38	1.32	-1.18	-5.30	-19.30	-42.95
WIND DRIFT	(10 MPH)	.00	.24	.98	2.27	4.15	6.68	9.92	18.83	31.56
INCHES	(20 MPH)	.00	.48	1.96	4.54	8.30	13.36	19.85	37.65	63.12

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

VELOCITY FPS		3000	2837	2678	2524	2376	2232	2093	1826	1584
ENERGY FT-LB		1738	1554	1385	1231	1090	962	846	644	485
DROP INCHES		.00	-.49	-2.07	-4.85	-9.00	-14.69	-22.12	-43.23	-74.81
BULLET PATH	(100 YDS)	-1.50	-.21	.00	-1.00	-3.37	-7.27	-12.92	-30.46	-58.48
INCHES	(200 YDS)	-1.50	.63	1.68	1.52	.00	-3.06	-7.87	-23.72	-50.06
(ZERO RANGE)	(300 YDS)	-1.50	1.94	4.31	5.46	5.25	3.50	.00	-13.23	-36.94
	(400 YDS)	-1.50	3.60	7.61	10.42	11.86	11.76	9.92	.00	-20.40
MPBR ZERO	(225 YDS)	-1.50	.93	2.27	2.41	1.18	-1.59	-6.10	-21.36	-47.11
WIND DRIFT	(10 MPH)	.00	.25	1.03	2.38	4.36	7.02	10.43	19.83	33.28
INCHES	(20 MPH)	.00	.50	2.05	4.76	8.71	14.04	20.86	39.66	66.55

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

VELOCITY FPS		2900	2739	2584	2433	2288	2147	2010	1750	1516
ENERGY FT-LB		1624	1449	1289	1143	1011	890	780	591	444
DROP INCHES		.00	-.53	-2.21	-5.20	-9.66	-15.78	-23.78	-46.55	-80.75
BULLET PATH	(100 YDS)	-1.50	-.17	.00	-1.13	-3.73	-7.99	-14.13	-33.20	-63.68
INCHES	(200 YDS)	-1.50	.76	1.86	1.67	.00	-3.33	-8.54	-25.74	-54.35
(ZERO RANGE)	(300 YDS)	-1.50	2.18	4.71	5.94	5.69	3.79	.00	-14.35	-40.12
	(400 YDS)	-1.50	3.98	8.30	11.32	12.87	12.76	10.76	.00	-22.18
MPBR ZERO	(220 YDS)	-1.50	1.02	2.37	2.43	1.02	-2.05	-7.01	-23.70	-51.81
WIND DRIFT	(10 MPH)	.00	.26	1.08	2.50	4.59	7.39	10.99	20.94	35.17
INCHES	(20 MPH)	.00	.52	2.16	5.01	9.18	14.79	21.99	41.89	70.33

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

VELOCITY FPS		2800	2642	2489	2342	2199	2061	1926	1674	1448
ENERGY FT-LB		1514	1348	1197	1059	934	820	716	541	405
DROP INCHES		.00	-.57	-2.38	-5.60	-10.40	-16.99	-25.64	-50.30	-87.44
BULLET PATH	(100 YDS)	-1.50	-.13	.00	-1.28	-4.13	-8.79	-15.49	-36.28	-69.54
INCHES	(200 YDS)	-1.50	.91	2.07	1.83	.00	-3.62	-9.29	-28.01	-59.20
(ZERO RANGE)	(300 YDS)	-1.50	2.45	5.16	6.47	6.19	4.12	.00	-15.62	-43.72
	(400 YDS)	-1.50	4.41	9.07	12.33	14.00	13.88	11.71	.00	-24.20
MPBR ZERO	(210 YDS)	-1.50	1.04	2.34	2.24	.55	-2.94	-8.47	-26.92	-57.84
WIND DRIFT	(10 MPH)	.00	.28	1.14	2.65	4.85	7.81	11.63	22.18	37.24
INCHES	(20 MPH)	.00	.56	2.29	5.29	9.70	15.63	23.26	44.37	74.49

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

VELOCITY FPS		2700	2545	2396	2252	2112	1976	1844	1600	1382
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ENERGY FT-LB		1408	1251	1109	979	862	754	657	494	369
DROP INCHES		.00	-.61	-2.56	-6.03	-11.21	-18.34	-27.70	-54.46	-94.90
BULLET PATH	(100 YDS)	-1.50	-.08	.00	-1.43	-4.58	-9.68	-17.01	-39.71	-76.08
INCHES	(200 YDS)	-1.50	1.07	2.29	2.00	.00	-3.95	-10.13	-30.54	-64.62
(ZERO RANGE)	(300 YDS)	-1.50	2.76	5.67	7.07	6.75	4.49	.00	-17.04	-47.74
	(400 YDS)	-1.50	4.88	9.93	13.46	15.27	15.14	12.78	.00	-26.45
MPBR ZERO	(205 YDS)	-1.50	1.14	2.44	2.22	.30	-3.58	-9.69	-29.95	-63.88
WIND DRIFT	(10 MPH)	.00	.29	1.20	2.79	5.11	8.26	12.31	23.50	39.45
INCHES	(20 MPH)	.00	.58	2.41	5.58	10.23	16.51	24.62	47.00	78.90

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

VELOCITY FPS		2600	2448	2302	2161	2024	1890	1763	1528	1319
ENERGY FT-LB		1305	1158	1024	902	791	690	600	451	336
DROP INCHES		.00	-.66	-2.77	-6.52	-12.13	-19.86	-30.02	-59.17	-103.33
BULLET PATH	(100 YDS)	-1.50	-.03	.00	-1.61	-5.09	-10.69	-18.72	-43.60	-83.49
INCHES	(200 YDS)	-1.50	1.25	2.54	2.20	.00	-4.33	-11.08	-33.42	-70.77
(ZERO RANGE)	(300 YDS)	-1.50	3.09	6.24	7.74	7.39	4.91	.00	-18.64	-52.30
	(400 YDS)	-1.50	5.42	10.90	14.73	16.71	16.56	13.98	.00	-29.00
MPBR ZERO	(195 YDS)	-1.50	1.17	2.38	1.96	-.32	-4.72	-11.56	-34.06	-71.57
WIND DRIFT	(10 MPH)	.00	.31	1.27	2.95	5.41	8.76	13.06	24.95	41.86
INCHES	(20 MPH)	.00	.62	2.54	5.90	10.83	17.51	26.13	49.89	83.72

RANGE YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 225 YARDS. SET ZERO AT 190 YARDS.

VELOCITY FPS		2500	2352	2209	2071	1935	1805	1682	1455	1260
ENERGY FT-LB		1207	1068	942	828	723	629	546	409	306
DROP INCHES		.00	-.71	-3.00	-7.07	-13.16	-21.57	-32.66	-64.51	-112.90
BULLET PATH	(100 YDS)	-1.50	.04	.00	-1.82	-5.66	-11.83	-20.66	-48.02	-91.90
INCHES	(200 YDS)	-1.50	1.45	2.83	2.43	.00	-4.75	-12.17	-36.69	-77.75
(ZERO RANGE)	(300 YDS)	-1.50	3.48	6.89	8.51	8.11	5.39	.00	-20.47	-57.47
	(400 YDS)	-1.50	6.04	12.00	16.19	18.35	18.18	15.35	.00	-31.88
MPBR ZERO	(190 YDS)	-1.50	1.28	2.48	1.91	-.70	-5.62	-13.21	-38.09	-79.49
WIND DRIFT	(10 MPH)	.00	.33	1.35	3.13	5.75	9.31	13.90	26.53	44.47
INCHES	(20 MPH)	.00	.65	2.69	6.26	11.51	18.63	27.80	53.06	88.93

MAXIMUM POINT BLANK RANGE IS 215 YARDS. SET ZERO AT 180 YARDS.

VELOCITY FPS		2400	2255	2116	1979	1847	1722	1603	1385	1205
ENERGY FT-LB		1112	982	864	756	659	572	496	370	280
DROP INCHES		.00	-.78	-3.26	-7.69	-14.33	-23.53	-35.65	-70.59	-123.75
BULLET PATH	(100 YDS)	-1.50	.10	.00	-2.05	-6.31	-13.13	-22.87	-53.05	-101.45
INCHES	(200 YDS)	-1.50	1.68	3.16	2.69	.00	-5.24	-13.40	-40.43	-85.67
(ZERO RANGE)	(300 YDS)	-1.50	3.92	7.62	9.39	8.94	5.93	.00	-22.56	-63.33
	(400 YDS)	-1.50	6.74	13.26	17.85	20.21	20.03	16.92	.00	-35.14
MPBR ZERO	(180 YDS)	-1.50	1.30	2.40	1.55	-1.51	-7.13	-15.67	-43.45	-89.45
WIND DRIFT	(10 MPH)	.00	.35	1.43	3.33	6.13	9.94	14.83	28.27	47.23
INCHES	(20 MPH)	.00	.69	2.86	6.66	12.27	19.87	29.65	56.54	94.46

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

VELOCITY FPS		2300	2159	2021	1887	1760	1639	1525	1317	1155
ENERGY FT-LB		1021	900	789	688	598	519	449	335	257
DROP INCHES		.00	-.84	-3.56	-8.39	-15.67	-25.76	-39.08	-77.54	-136.10
BULLET PATH	(100 YDS)	-1.50	.18	.00	-2.31	-7.06	-14.62	-25.41	-58.82	-112.32
INCHES	(200 YDS)	-1.50	1.95	3.53	2.99	.00	-5.79	-14.82	-44.69	-94.67
(ZERO RANGE)	(300 YDS)	-1.50	4.42	8.47	10.39	9.88	6.56	.00	-24.94	-69.97
	(400 YDS)	-1.50	7.53	14.70	19.75	22.35	22.14	18.70	.00	-38.80
MPBR ZERO	(175 YDS)	-1.50	1.43	2.49	1.43	-2.08	-8.39	-17.94	-48.85	-99.86
WIND DRIFT	(10 MPH)	.00	.37	1.53	3.56	6.57	10.63	15.85	30.17	50.13
INCHES	(20 MPH)	.00	.74	3.05	7.12	13.13	21.26	31.69	60.34	100.26

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

VELOCITY FPS		2200	2061	1926	1797	1674	1558	1448	1254	1110
ENERGY FT-LB		934	821	716	623	541	469	405	304	238
DROP INCHES		.00	-.92	-3.89	-9.21	-17.21	-28.32	-43.01	-85.50	-150.12
BULLET PATH	(100 YDS)	-1.50	.27	.00	-2.62	-7.92	-16.33	-28.33	-65.42	-124.65

INCHES	(200 YDS)	-1.50	2.25	3.96	3.33	.00	-6.43	-16.44	-49.57	-104.84
(ZERO RANGE)	(300 YDS)	-1.50	4.99	9.44	11.55	10.96	7.27	.00	-27.65	-77.44
	(400 YDS)	-1.50	8.45	16.35	21.92	24.79	24.55	20.74	.00	-42.87
MPBR ZERO	(165 YDS)	-1.50	1.46	2.37	.94	-3.19	-10.41	-21.22	-55.95	-112.81
WIND DRIFT	(10 MPH)	.00	.39	1.64	3.83	7.05	11.39	16.96	32.21	53.09
INCHES	(20 MPH)	.00	.79	3.28	7.66	14.10	22.79	33.93	64.41	106.17

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

VELOCITY FPS		2100	1963	1832	1707	1589	1478	1373	1196	1071
ENERGY FT-LB		851	744	648	563	488	422	364	276	221
DROP INCHES		.00	-1.02	-4.29	-10.15	-18.99	-31.28	-47.56	-94.65	-166.04
BULLET PATH	(100 YDS)	-1.50	.38	.00	-2.97	-8.92	-18.31	-31.69	-72.99	-138.60
INCHES	(200 YDS)	-1.50	2.61	4.46	3.72	.00	-7.16	-18.31	-55.16	-116.30
(ZERO RANGE)	(300 YDS)	-1.50	5.66	10.56	12.88	12.21	8.10	.00	-30.74	-85.78
	(400 YDS)	-1.50	9.50	18.25	24.41	27.58	27.31	23.06	.00	-47.35
MPBR ZERO	(160 YDS)	-1.50	1.60	2.44	.69	-4.04	-12.21	-24.37	-63.23	-126.39
WIND DRIFT	(10 MPH)	.00	.43	1.78	4.13	7.59	12.23	18.19	34.35	56.01
INCHES	(20 MPH)	.00	.86	3.56	8.26	15.17	24.47	36.39	68.70	112.02

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

VELOCITY FPS		2000	1867	1740	1621	1508	1400	1303	1144	1037
ENERGY FT-LB		772	673	585	507	439	379	328	253	207
DROP INCHES		.00	-1.12	-4.74	-11.22	-21.02	-34.64	-52.70	104.93	-183.65
BULLET PATH	(100 YDS)	-1.50	.50	.00	-3.37	-10.04	-20.55	-35.49	-81.48	-153.96
INCHES	(200 YDS)	-1.50	3.01	5.02	4.16	.00	-8.00	-20.43	-61.40	-128.86
(ZERO RANGE)	(300 YDS)	-1.50	6.41	11.83	14.38	13.62	9.03	.00	-34.16	-94.81
	(400 YDS)	-1.50	10.68	20.37	27.19	30.70	30.38	25.62	.00	-52.11
MPBR ZERO	(155 YDS)	-1.50	1.75	2.50	.39	-5.04	-14.30	-27.99	-71.48	-141.46
WIND DRIFT	(10 MPH)	.00	.46	1.90	4.42	8.11	13.07	19.42	36.38	58.59
INCHES	(20 MPH)	.00	.92	3.81	8.84	16.21	26.14	38.84	72.75	117.19