

## .243 Dia., 100 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 300 YARDS. SET ZERO AT 255 YARDS.										
VELOCITY FPS		3500	3305	3119	2941	2771	2613	2460	2173	1928
ENERGY FT-LB		2719	2425	2160	1920	1704	1516	1344	1048	825
DROP INCHES		.00	-.36	-1.52	-3.57	-6.63	-10.82	-16.28	-31.70	-54.48
BULLET PATH	(100 YDS)	-1.50	-.35	.00	-.54	-2.09	-4.76	-8.71	-21.11	-40.88
INCHES	(200 YDS)	-1.50	.17	1.04	1.02	.00	-2.16	-5.58	-16.94	-35.66
(ZERO RANGE)	(300 YDS)	-1.50	1.10	2.90	3.82	3.72	2.50	.00	-9.49	-26.35
	(400 YDS)	-1.50	2.29	5.28	7.38	8.47	8.43	7.12	.00	-14.49
MPBR ZERO	(255 YDS)	-1.50	.65	2.00	2.46	1.91	.24	-2.71	-13.11	-30.88
WIND DRIFT	(10 MPH)	.00	.22	.90	2.07	3.78	6.05	8.91	16.67	27.38
INCHES	(20 MPH)	.00	.44	1.80	4.15	7.56	12.09	17.83	33.35	54.76

MAXIMUM POINT BLANK RANGE IS 295 YARDS. SET ZERO AT 250 YARDS.										
VELOCITY FPS		3400	3209	3027	2853	2690	2535	2385	2109	1869
ENERGY FT-LB		2566	2287	2035	1807	1606	1426	1263	988	775
DROP INCHES		.00	-.38	-1.61	-3.79	-7.03	-11.48	-17.27	-33.66	-57.87
BULLET PATH	(100 YDS)	-1.50	-.33	.00	-.62	-2.31	-5.19	-9.44	-22.70	-43.81
INCHES	(200 YDS)	-1.50	.25	1.15	1.11	.00	-2.31	-5.97	-18.09	-38.04
(ZERO RANGE)	(300 YDS)	-1.50	1.24	3.15	4.10	3.98	2.67	.00	-10.12	-28.08
	(400 YDS)	-1.50	2.51	5.68	7.89	9.04	8.99	7.59	.00	-15.43
MPBR ZERO	(250 YDS)	-1.50	.71	2.08	2.50	1.85	.00	-3.20	-14.39	-33.42
WIND DRIFT	(10 MPH)	.00	.23	.93	2.15	3.92	6.26	9.23	17.27	28.34
INCHES	(20 MPH)	.00	.45	1.86	4.30	7.83	12.52	18.46	34.54	56.67

MAXIMUM POINT BLANK RANGE IS 285 YARDS. SET ZERO AT 245 YARDS.										
VELOCITY FPS		3300	3114	2936	2766	2609	2456	2309	2045	1809
ENERGY FT-LB		2417	2153	1914	1699	1511	1339	1184	928	726
DROP INCHES		.00	-.41	-1.71	-4.03	-7.47	-12.20	-18.36	-35.80	-61.58
BULLET PATH	(100 YDS)	-1.50	-.30	.00	-.71	-2.55	-5.67	-10.22	-24.44	-47.01
INCHES	(200 YDS)	-1.50	.33	1.27	1.20	.00	-2.48	-6.40	-19.35	-40.64
(ZERO RANGE)	(300 YDS)	-1.50	1.40	3.41	4.41	4.27	2.85	.00	-10.81	-29.97
	(400 YDS)	-1.50	2.75	6.11	8.46	9.68	9.61	8.11	.00	-16.45
MPBR ZERO	(245 YDS)	-1.50	.78	2.16	2.53	1.77	-.27	-3.74	-15.81	-36.21
WIND DRIFT	(10 MPH)	.00	.24	.97	2.23	4.06	6.48	9.57	17.90	29.35
INCHES	(20 MPH)	.00	.47	1.93	4.46	8.11	12.97	19.14	35.80	58.69

MAXIMUM POINT BLANK RANGE IS 275 YARDS. SET ZERO AT 235 YARDS.										
VELOCITY FPS		3200	3018	2844	2681	2527	2377	2232	1980	1749
ENERGY FT-LB		2273	2022	1796	1596	1417	1254	1106	871	679
DROP INCHES		.00	-.43	-1.82	-4.29	-7.96	-12.99	-19.56	-38.15	-65.64
BULLET PATH	(100 YDS)	-1.50	-.27	.00	-.80	-2.81	-6.18	-11.09	-26.36	-50.52
INCHES	(200 YDS)	-1.50	.43	1.41	1.31	.00	-2.67	-6.87	-20.74	-43.50
(ZERO RANGE)	(300 YDS)	-1.50	1.58	3.70	4.74	4.58	3.06	.00	-11.57	-32.04
	(400 YDS)	-1.50	3.02	6.59	9.08	10.37	10.29	8.68	.00	-17.58
MPBR ZERO	(235 YDS)	-1.50	.79	2.13	2.40	1.46	-.84	-4.69	-17.82	-39.85
WIND DRIFT	(10 MPH)	.00	.24	1.01	2.32	4.21	6.73	9.94	18.56	30.43
INCHES	(20 MPH)	.00	.49	2.01	4.63	8.41	13.46	19.87	37.12	60.86

MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 230 YARDS.										
VELOCITY FPS		3100	2922	2754	2596	2444	2298	2160	1915	1690
ENERGY FT-LB		2133	1896	1683	1497	1327	1172	1035	814	634
DROP INCHES		.00	-.46	-1.94	-4.57	-8.49	-13.86	-20.87	-40.72	-70.09
BULLET PATH	(100 YDS)	-1.50	-.24	.00	-.90	-3.10	-6.75	-12.04	-28.45	-54.37
INCHES	(200 YDS)	-1.50	.53	1.55	1.42	.00	-2.87	-7.39	-22.25	-46.63
(ZERO RANGE)	(300 YDS)	-1.50	1.77	4.01	5.12	4.93	3.29	.00	-12.39	-34.31
	(400 YDS)	-1.50	3.31	7.11	9.76	11.13	11.03	9.30	.00	-18.81
MPBR ZERO	(230 YDS)	-1.50	.87	2.22	2.42	1.34	-1.20	-5.39	-19.58	-43.28
WIND DRIFT	(10 MPH)	.00	.26	1.05	2.40	4.36	6.99	10.33	19.25	31.57
INCHES	(20 MPH)	.00	.51	2.09	4.81	8.73	13.97	20.65	38.50	63.14

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

VELOCITY FPS		3000	2826	2665	2511	2362	2218	2090	1851	1631
ENERGY FT-LB		1998	1773	1577	1400	1238	1092	969	760	590
DROP INCHES		.00	-.50	-2.08	-4.88	-9.07	-14.81	-22.32	-43.55	-74.99
BULLET PATH	(100 YDS)	-1.50	-.21	.00	-1.02	-3.41	-7.37	-13.08	-30.74	-58.60
INCHES	(200 YDS)	-1.50	.65	1.71	1.54	.00	-3.10	-7.97	-23.92	-50.07
(ZERO RANGE)	(300 YDS)	-1.50	1.97	4.36	5.53	5.31	3.54	.00	-13.30	-36.79
	(400 YDS)	-1.50	3.64	7.69	10.51	11.96	11.85	9.97	.00	-20.17
MPBR ZERO	(225 YDS)	-1.50	.95	2.30	2.44	1.19	-1.61	-6.17	-21.53	-47.08
WIND DRIFT	(10 MPH)	.00	.27	1.09	2.49	4.53	7.26	10.73	19.98	32.77
INCHES	(20 MPH)	.00	.53	2.17	4.98	9.06	14.53	21.46	39.95	65.55

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 255 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		2900	2733	2576	2425	2279	2143	2019	1785	1572
ENERGY FT-LB		1867	1658	1474	1305	1153	1020	905	708	548
DROP INCHES		.00	-.53	-2.22	-5.23	-9.71	-15.86	-23.90	-46.66	-80.37
BULLET PATH	(100 YDS)	-1.50	-.17	.00	-1.14	-3.76	-8.05	-14.23	-33.27	-63.26
INCHES	(200 YDS)	-1.50	.77	1.88	1.68	.00	-3.35	-8.60	-25.75	-53.86
(ZERO RANGE)	(300 YDS)	-1.50	2.20	4.74	5.98	5.73	3.81	.00	-14.29	-39.53
	(400 YDS)	-1.50	3.99	8.32	11.34	12.88	12.74	10.72	.00	-21.67
MPBR ZERO	(215 YDS)	-1.50	.96	2.26	2.25	.76	-2.40	-7.45	-24.22	-51.95
WIND DRIFT	(10 MPH)	.00	.28	1.12	2.58	4.70	7.55	11.14	20.74	34.06
INCHES	(20 MPH)	.00	.55	2.24	5.16	9.41	15.11	22.28	41.48	68.11

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

VELOCITY FPS		2800	2641	2487	2339	2196	2070	1949	1721	1514
ENERGY FT-LB		1740	1548	1373	1214	1070	952	843	657	509
DROP INCHES		.00	-.57	-2.38	-5.60	-10.41	-17.01	-25.65	-50.07	-86.29
BULLET PATH	(100 YDS)	-1.50	-.13	.00	-1.28	-4.14	-8.81	-15.50	-36.05	-68.38
INCHES	(200 YDS)	-1.50	.91	2.07	1.83	.00	-3.63	-9.28	-27.76	-58.02
(ZERO RANGE)	(300 YDS)	-1.50	2.46	5.17	6.47	6.19	4.11	.00	-15.38	-42.55
	(400 YDS)	-1.50	4.38	9.01	12.24	13.88	13.72	11.53	.00	-23.32
MPBR ZERO	(210 YDS)	-1.50	1.05	2.35	2.24	.55	-2.94	-8.46	-26.66	-56.65
WIND DRIFT	(10 MPH)	.00	.28	1.15	2.67	4.89	7.84	11.55	21.52	35.38
INCHES	(20 MPH)	.00	.56	2.30	5.33	9.77	15.67	23.09	43.04	70.77

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

VELOCITY FPS		2700	2544	2394	2249	2117	1994	1876	1654	1455
ENERGY FT-LB		1618	1437	1272	1123	995	883	781	607	470
DROP INCHES		.00	-.61	-2.56	-6.04	-11.22	-18.35	-27.66	-54.02	-93.14
BULLET PATH	(100 YDS)	-1.50	-.08	.00	-1.44	-4.59	-9.69	-16.96	-39.26	-74.32
INCHES	(200 YDS)	-1.50	1.07	2.30	2.01	.00	-3.95	-10.08	-30.07	-62.84
(ZERO RANGE)	(300 YDS)	-1.50	2.75	5.65	7.04	6.72	4.45	.00	-16.64	-46.05
	(400 YDS)	-1.50	4.83	9.81	13.28	15.04	14.85	12.48	.00	-25.25
MPBR ZERO	(205 YDS)	-1.50	1.14	2.44	2.23	.30	-3.58	-9.63	-29.48	-62.10
WIND DRIFT	(10 MPH)	.00	.29	1.21	2.81	5.14	8.21	12.08	22.50	37.00
INCHES	(20 MPH)	.00	.59	2.42	5.62	10.28	16.41	24.15	45.00	74.00

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

VELOCITY FPS		2600	2447	2300	2162	2038	1918	1802	1587	1397
ENERGY FT-LB		1500	1330	1175	1038	922	816	721	559	433
DROP INCHES		.00	-.66	-2.77	-6.52	-12.13	-19.83	-29.90	-58.41	-100.79
BULLET PATH	(100 YDS)	-1.50	-.02	.00	-1.62	-5.09	-10.66	-18.59	-42.83	-80.94
INCHES	(200 YDS)	-1.50	1.25	2.55	2.20	.00	-4.29	-10.95	-32.65	-68.21
(ZERO RANGE)	(300 YDS)	-1.50	3.07	6.20	7.68	7.30	4.83	.00	-18.05	-49.96
	(400 YDS)	-1.50	5.33	10.71	14.44	16.32	16.11	13.54	.00	-27.40
MPBR ZERO	(195 YDS)	-1.50	1.17	2.39	1.96	-.32	-4.69	-11.43	-33.28	-69.01
WIND DRIFT	(10 MPH)	.00	.31	1.28	2.97	5.39	8.59	12.63	23.55	38.72
INCHES	(20 MPH)	.00	.62	2.56	5.94	10.78	17.18	25.26	47.10	77.45

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

VELOCITY FPS		2500	2351	2207	2080	1959	1842	1729	1522	1341
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ENERGY FT-LB		1387	1227	1081	961	852	753	664	514	399
DROP INCHES		.00	-.71	-3.00	-7.07	-13.14	-21.48	-32.39	-63.30	-109.30
BULLET PATH	(100 YDS)	-1.50	.04	.00	-1.82	-5.64	-11.73	-20.38	-46.80	-88.29
INCHES	(200 YDS)	-1.50	1.45	2.82	2.41	.00	-4.68	-11.92	-35.51	-74.19
(ZERO RANGE)	(300 YDS)	-1.50	3.43	6.79	8.37	7.95	5.25	.00	-19.62	-54.32
	(400 YDS)	-1.50	5.89	11.70	15.73	17.76	17.52	14.71	.00	-29.80
MPBR ZERO	(190 YDS)	-1.50	1.27	2.48	1.90	-.69	-5.54	-12.96	-36.89	-75.91
WIND DRIFT	(10 MPH)	.00	.33	1.36	3.12	5.63	8.97	13.20	24.64	40.51
INCHES	(20 MPH)	.00	.66	2.71	6.24	11.27	17.94	26.40	49.27	81.02

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

VELOCITY FPS		2400	2254	2122	1999	1880	1766	1658	1458	1287
ENERGY FT-LB		1278	1128	999	887	785	692	610	472	368
DROP INCHES		.00	-.78	-3.26	-7.67	-14.26	-23.31	-35.14	-68.73	-118.74
BULLET PATH	(100 YDS)	-1.50	.10	.00	-2.03	-6.24	-12.91	-22.36	-51.19	-96.44
INCHES	(200 YDS)	-1.50	1.67	3.12	2.65	.00	-5.11	-13.00	-38.70	-80.83
(ZERO RANGE)	(300 YDS)	-1.50	3.83	7.45	9.15	8.67	5.73	.00	-21.37	-59.17
	(400 YDS)	-1.50	6.50	12.80	17.16	19.35	19.08	16.03	.00	-32.45
MPBR ZERO	(180 YDS)	-1.50	1.29	2.38	1.53	-1.49	-6.96	-15.23	-41.68	-84.55
WIND DRIFT	(10 MPH)	.00	.35	1.43	3.25	5.86	9.35	13.77	25.75	42.33
INCHES	(20 MPH)	.00	.70	2.85	6.49	11.72	18.69	27.54	51.49	84.65