

## .277 Dia., 130 Gr. SPT

POINT BLANK RANGE COMPUTED FOR 5.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
MAXIMUM POINT BLANK RANGE IS 395 YARDS. SET ZERO AT 335 YARDS.										
VELOCITY FPS		3400	3257	3120	2858	2612	2383	2166	1963	1293
ENERGY FT-LB		3336	3063	2810	2357	1970	1640	1355	1112	483
DROP INCHES		.00	-.38	-1.57	-6.73	-16.14	-30.66	-51.31	-79.38	-305.57
BULLET PATH	(100 YDS)	-1.50	-.34	.00	-2.08	-8.42	-19.86	-37.43	-62.43	-276.33
INCHES	(200 YDS)	-1.50	.18	1.04	.00	-5.30	-15.71	-32.24	-56.20	-265.95
(ZERO RANGE)	(300 YDS)	-1.50	1.06	2.81	3.53	.00	-8.64	-23.41	-45.60	-248.27
	(400 YDS)	-1.50	2.14	4.96	7.85	6.48	.00	-12.61	-32.64	-226.68
MPBR ZERO	(335 YDS)	-1.50	1.42	3.52	4.96	2.14	-5.78	-19.83	-41.31	-241.13
WIND DRIFT	(10 MPH)	.00	.17	.68	2.84	6.64	12.26	19.97	30.04	101.41
INCHES	(20 MPH)	.00	.34	1.37	5.67	13.27	24.53	39.94	60.08	202.81

MAXIMUM POINT BLANK RANGE IS 385 YARDS. SET ZERO AT 325 YARDS.										
VELOCITY FPS		3300	3161	3026	2769	2531	2306	2094	1894	1250
ENERGY FT-LB		3142	2884	2644	2214	1849	1535	1265	1036	451
DROP INCHES		.00	-.40	-1.67	-7.15	-17.16	-32.61	-54.61	-84.56	-326.86
BULLET PATH	(100 YDS)	-1.50	-.32	.00	-2.30	-9.14	-21.42	-40.25	-67.03	-296.64
INCHES	(200 YDS)	-1.50	.26	1.15	.00	-5.69	-16.82	-34.49	-60.12	-285.13
(ZERO RANGE)	(300 YDS)	-1.50	1.21	3.05	3.79	.00	-9.23	-25.01	-48.74	-266.17
	(400 YDS)	-1.50	2.36	5.35	8.41	6.92	.00	-13.47	-34.90	-243.09
MPBR ZERO	(325 YDS)	-1.50	1.48	3.59	4.87	1.62	-7.07	-22.31	-45.50	-260.76
WIND DRIFT	(10 MPH)	.00	.17	.71	2.95	6.89	12.74	20.77	31.28	105.72
INCHES	(20 MPH)	.00	.35	1.42	5.89	13.78	25.49	41.55	62.57	211.43

MAXIMUM POINT BLANK RANGE IS 375 YARDS. SET ZERO AT 315 YARDS.										
VELOCITY FPS		3200	3064	2932	2681	2449	2228	2021	1826	1208
ENERGY FT-LB		2955	2710	2482	2075	1731	1433	1179	962	421
DROP INCHES		.00	-.43	-1.78	-7.61	-18.28	-34.75	-58.25	-90.27	-350.39
BULLET PATH	(100 YDS)	-1.50	-.29	.00	-2.55	-9.94	-23.14	-43.35	-72.10	-319.10
INCHES	(200 YDS)	-1.50	.35	1.27	.00	-6.11	-18.04	-36.98	-64.45	-306.35
(ZERO RANGE)	(300 YDS)	-1.50	1.37	3.31	4.08	.00	-9.88	-26.79	-52.22	-285.97
	(400 YDS)	-1.50	2.60	5.78	9.02	7.41	.00	-14.43	-37.39	-261.26
MPBR ZERO	(315 YDS)	-1.50	1.54	3.66	4.77	1.03	-8.51	-25.06	-50.15	-282.52
WIND DRIFT	(10 MPH)	.00	.18	.74	3.07	7.17	13.27	21.65	32.63	110.29
INCHES	(20 MPH)	.00	.36	1.47	6.13	14.34	26.53	43.29	65.26	220.58

MAXIMUM POINT BLANK RANGE IS 360 YARDS. SET ZERO AT 305 YARDS.										
VELOCITY FPS		3100	2967	2838	2595	2367	2151	1948	1757	1170
ENERGY FT-LB		2773	2541	2326	1943	1617	1335	1095	891	395
DROP INCHES		.00	-.46	-1.90	-8.12	-19.51	-37.12	-62.26	-96.60	-376.46
BULLET PATH	(100 YDS)	-1.50	-.26	.00	-2.82	-10.82	-25.03	-46.78	-77.71	-343.99
INCHES	(200 YDS)	-1.50	.45	1.41	.00	-6.58	-19.39	-39.72	-69.25	-329.88
(ZERO RANGE)	(300 YDS)	-1.50	1.55	3.61	4.39	.00	-10.61	-28.75	-56.08	-307.94
	(400 YDS)	-1.50	2.87	6.26	9.69	7.96	.00	-15.49	-40.17	-281.41
MPBR ZERO	(305 YDS)	-1.50	1.61	3.73	4.63	.37	-10.12	-28.14	-55.35	-306.71
WIND DRIFT	(10 MPH)	.00	.19	.77	3.20	7.47	13.84	22.60	34.11	115.13
INCHES	(20 MPH)	.00	.38	1.54	6.39	14.94	27.68	45.20	68.21	230.25

MAXIMUM POINT BLANK RANGE IS 355 YARDS. SET ZERO AT 300 YARDS.										
VELOCITY FPS		3000	2870	2744	2508	2284	2073	1875	1689	1134
ENERGY FT-LB		2597	2378	2174	1815	1505	1240	1014	824	371
DROP INCHES		.00	-.49	-2.03	-8.68	-20.87	-39.73	-66.71	103.61	-405.30
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-3.12	-11.78	-27.12	-50.58	-83.94	-371.52
INCHES	(200 YDS)	-1.50	.56	1.56	.00	-7.10	-20.88	-42.77	-74.58	-355.91
(ZERO RANGE)	(300 YDS)	-1.50	1.74	3.93	4.73	.00	-11.41	-30.94	-60.38	-332.24
	(400 YDS)	-1.50	3.17	6.78	10.44	8.56	.00	-16.67	-43.26	-303.71
MPBR ZERO	(300 YDS)	-1.50	1.74	3.93	4.73	.00	-11.41	-30.94	-60.38	-332.24
WIND DRIFT	(10 MPH)	.00	.20	.80	3.33	7.79	14.46	23.64	35.71	120.18
INCHES	(20 MPH)	.00	.39	1.60	6.66	15.58	28.91	47.28	71.41	240.36

MAXIMUM POINT BLANK RANGE IS 345 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		2900	2773	2651	2420	2201	1995	1802	1622	1101
ENERGY FT-LB		2427	2219	2029	1691	1398	1149	937	759	350
DROP INCHES		.00	-.52	-2.17	-9.30	-22.37	-42.63	-71.65	111.40	-437.19

BULLET PATH	(100 YDS)	-1.50	-.19	.00	-3.45	-12.85	-29.45	-54.79	-90.87	-401.97
INCHES	(200 YDS)	-1.50	.68	1.73	.00	-7.67	-22.54	-46.16	-80.51	-384.71
(ZERO RANGE)	(300 YDS)	-1.50	1.96	4.28	5.12	.00	-12.31	-33.37	-65.16	-359.13
	( 400 YDS)	-1.50	3.50	7.36	11.27	9.23	.00	-17.98	-46.70	-328.36
MPBR ZERO	(290 YDS)	-1.50	1.82	4.00	4.56	-.84	-13.43	-34.77	-66.85	-361.93
WIND DRIFT	(10 MPH)	.00	.21	.84	3.47	8.14	15.13	24.76	37.44	125.41
INCHES	(20 MPH)	.00	.41	1.68	6.95	16.28	30.25	49.53	74.89	250.82

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
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MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 280 YARDS.

VELOCITY FPS		2800	2676	2559	2332	2118	1917	1729	1556	1071
ENERGY FT-LB		2262	2067	1890	1570	1295	1061	863	698	331
DROP INCHES		.00	-.56	-2.33	-9.98	-24.04	-45.86	-77.15	120.11	-472.52
BULLET PATH	(100 YDS)	-1.50	-.14	.00	-3.82	-14.04	-32.03	-59.50	-98.62	-435.71
INCHES	(200 YDS)	-1.50	.81	1.91	.00	-8.31	-24.39	-49.95	-87.16	-416.61
(ZERO RANGE)	(300 YDS)	-1.50	2.20	4.68	5.54	.00	-13.31	-36.09	-70.53	-388.90
	( 400 YDS)	-1.50	3.86	8.01	12.20	9.98	.00	-19.46	-50.57	-355.63
MPBR ZERO	(280 YDS)	-1.50	1.90	4.08	4.34	-1.80	-15.71	-39.10	-74.14	-394.90
WIND DRIFT	(10 MPH)	.00	.22	.87	3.63	8.52	15.86	26.00	39.34	130.77
INCHES	(20 MPH)	.00	.43	1.75	7.25	17.05	31.72	51.99	78.67	261.55

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 270 YARDS.

VELOCITY FPS		2700	2581	2466	2245	2036	1840	1657	1491	1044
ENERGY FT-LB		2103	1923	1756	1454	1197	977	793	641	314
DROP INCHES		.00	-.60	-2.51	-10.74	-25.89	-49.44	-83.29	129.82	-511.47
BULLET PATH	(100 YDS)	-1.50	-.10	.00	-4.23	-15.37	-34.92	-64.76	107.28	-472.90
INCHES	(200 YDS)	-1.50	.96	2.11	.00	-9.03	-26.46	-54.19	-94.60	-451.77
(ZERO RANGE)	(300 YDS)	-1.50	2.46	5.12	6.02	.00	-14.42	-39.14	-76.54	-421.67
	( 400 YDS)	-1.50	4.27	8.73	13.23	10.82	.00	-21.11	-54.91	-385.61
MPBR ZERO	(270 YDS)	-1.50	1.98	4.16	4.08	-2.90	-18.30	-43.98	-82.35	-431.35
WIND DRIFT	(10 MPH)	.00	.22	.91	3.79	8.93	16.65	27.33	41.37	136.17
INCHES	(20 MPH)	.00	.44	1.81	7.58	17.86	33.29	54.65	82.74	272.33

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 260 YARDS.

VELOCITY FPS		2600	2484	2371	2155	1952	1761	1585	1425	1019
ENERGY FT-LB		1950	1781	1623	1340	1100	895	725	586	299
DROP INCHES		.00	-.65	-2.71	-11.61	-28.01	-53.57	-90.35	141.02	-555.55
BULLET PATH	(100 YDS)	-1.50	-.05	.00	-4.70	-16.89	-38.24	-70.82	117.29	-514.99
INCHES	(200 YDS)	-1.50	1.13	2.35	.00	-9.85	-28.85	-59.08	103.20	-491.51
(ZERO RANGE)	(300 YDS)	-1.50	2.77	5.63	6.57	.00	-15.71	-42.66	-83.50	-458.67
	( 400 YDS)	-1.50	4.73	9.56	14.42	11.79	.00	-23.02	-59.92	-419.39
MPBR ZERO	(260 YDS)	-1.50	2.07	4.24	3.78	-4.18	-21.29	-49.63	-91.86	-472.61
WIND DRIFT	(10 MPH)	.00	.23	.96	4.00	9.44	17.61	28.90	43.73	141.86
INCHES	(20 MPH)	.00	.47	1.91	8.01	18.88	35.21	57.81	87.47	283.72

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		2500	2386	2276	2066	1868	1683	1514	1363	995
ENERGY FT-LB		1803	1644	1495	1232	1007	818	661	536	285
DROP INCHES		.00	-.70	-2.93	-12.59	-30.41	-58.22	-98.33	153.66	-604.18
BULLET PATH	(100 YDS)	-1.50	.01	.00	-5.22	-18.61	-41.99	-77.67	128.58	-561.37
INCHES	(200 YDS)	-1.50	1.32	2.61	.00	-10.78	-31.54	-64.61	112.90	-535.25
(ZERO RANGE)	(300 YDS)	-1.50	3.12	6.20	7.19	.00	-17.17	-46.65	-91.35	-499.32
	( 400 YDS)	-1.50	5.26	10.50	15.77	12.88	.00	-25.18	-65.59	-456.38
MPBR ZERO	(250 YDS)	-1.50	2.17	4.32	3.41	-5.66	-24.72	-56.08	102.67	-518.19
WIND DRIFT	(10 MPH)	.00	.25	1.01	4.24	10.00	18.65	30.62	46.28	147.46
INCHES	(20 MPH)	.00	.50	2.03	8.48	19.99	37.31	61.23	92.56	294.92

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		2400	2289	2181	1977	1785	1606	1445	1303	973
ENERGY FT-LB		1662	1512	1374	1128	919	745	602	490	273
DROP INCHES		.00	-.76	-3.18	-13.69	-33.11	-63.47	107.35	167.93	-657.56
BULLET PATH	(100 YDS)	-1.50	.08	.00	-5.82	-20.56	-46.23	-85.42	141.32	-612.22
INCHES	(200 YDS)	-1.50	1.53	2.91	.00	-11.83	-34.59	-70.87	123.86	-583.12
(ZERO RANGE)	(300 YDS)	-1.50	3.50	6.85	7.88	.00	-18.83	-51.16	100.20	-543.70
	( 400 YDS)	-1.50	5.86	11.56	17.30	14.12	.00	-27.63	-71.97	-496.63
MPBR ZERO	(245 YDS)	-1.50	2.37	4.59	3.35	-6.80	-27.89	-62.49	113.80	-566.35
WIND DRIFT	(10 MPH)	.00	.26	1.07	4.50	10.60	19.79	32.46	48.97	152.84
INCHES	(20 MPH)	.00	.53	2.15	8.99	21.20	39.57	64.91	97.94	305.69

MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 235 YARDS.

VELOCITY FPS		2300	2192	2088	1888	1702	1531	1378	1246	952
ENERGY FT-LB		1526	1386	1258	1029	836	676	548	448	261
DROP INCHES		.00	-.83	-3.47	-14.94	-36.18	-69.45	117.59	184.08	-716.17
BULLET PATH	(100 YDS)	-1.50	.15	.00	-6.50	-22.76	-51.06	-94.23	155.75	-667.94
INCHES	(200 YDS)	-1.50	1.78	3.25	.00	-13.02	-38.07	-77.99	136.26	-635.46
(ZERO RANGE)	(300 YDS)	-1.50	3.95	7.59	8.68	.00	-20.71	-56.29	110.22	-592.07
	( 400 YDS)	-1.50	6.54	12.76	19.03	15.53	.00	-30.41	-79.16	-540.30
MPBR ZERO	(235 YDS)	-1.50	2.49	4.67	2.84	-8.75	-32.38	-70.88	127.73	-621.25
WIND DRIFT	(10 MPH)	.00	.28	1.14	4.77	11.26	21.02	34.43	51.80	157.93
INCHES	(20 MPH)	.00	.56	2.28	9.54	22.53	42.03	68.86	103.61	315.87