

.284 Dia., 120 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
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MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 270 YARDS.

VELOCITY FPS		3600	3432	3270	3115	2965	2821	2680	2411	2158
ENERGY FT-LB		3452	3138	2850	2586	2343	2120	1914	1549	1241
DROP INCHES		.00	-.34	-1.42	-3.31	-6.09	-9.86	-14.73	-28.22	-47.71
BULLET PATH	(100 YDS)	-1.50	-.38	.00	-.43	-1.76	-4.07	-7.48	-18.05	-34.62
INCHES	(200 YDS)	-1.50	.06	.88	.89	.00	-1.87	-4.84	-14.54	-30.23
(ZERO RANGE)	(300 YDS)	-1.50	.86	2.49	3.31	3.23	2.16	.00	-8.08	-22.16
	(400 YDS)	-1.50	1.88	4.51	6.34	7.27	7.21	6.06	.00	-12.06
MPBR ZERO	(270 YDS)	-1.50	.60	1.96	2.51	2.17	.83	-1.59	-10.20	-24.82
WIND DRIFT	(10 MPH)	.00	.18	.72	1.66	3.01	4.81	7.07	13.18	21.66
INCHES	(20 MPH)	.00	.36	1.45	3.32	6.03	9.61	14.15	26.35	43.31

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

VELOCITY FPS		3500	3336	3178	3026	2879	2737	2599	2335	2088
ENERGY FT-LB		3263	2965	2691	2440	2209	1996	1800	1452	1162
DROP INCHES		.00	-.36	-1.50	-3.50	-6.45	-10.44	-15.60	-29.92	-50.63
BULLET PATH	(100 YDS)	-1.50	-.36	.00	-.50	-1.95	-4.45	-8.10	-19.42	-37.13
INCHES	(200 YDS)	-1.50	.13	.97	.96	.00	-2.01	-5.18	-15.52	-32.26
(ZERO RANGE)	(300 YDS)	-1.50	.99	2.70	3.55	3.45	2.31	.00	-8.61	-23.63
	(400 YDS)	-1.50	2.07	4.85	6.78	7.76	7.69	6.46	.00	-12.86
MPBR ZERO	(265 YDS)	-1.50	.66	2.04	2.57	2.14	.66	-1.97	-11.24	-26.92
WIND DRIFT	(10 MPH)	.00	.18	.75	1.72	3.12	4.98	7.33	13.68	22.51
INCHES	(20 MPH)	.00	.37	1.50	3.44	6.23	9.95	14.66	27.36	45.02

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

VELOCITY FPS		3400	3239	3085	2937	2793	2653	2517	2258	2017
ENERGY FT-LB		3079	2796	2536	2298	2078	1875	1688	1358	1084
DROP INCHES		.00	-.38	-1.59	-3.71	-6.84	-11.08	-16.56	-31.78	-53.84
BULLET PATH	(100 YDS)	-1.50	-.34	.00	-.58	-2.16	-4.86	-8.79	-20.92	-39.90
INCHES	(200 YDS)	-1.50	.20	1.08	1.04	.00	-2.16	-5.55	-16.60	-34.50
(ZERO RANGE)	(300 YDS)	-1.50	1.13	2.93	3.82	3.70	2.47	.00	-9.20	-25.25
	(400 YDS)	-1.50	2.28	5.23	7.27	8.30	8.22	6.90	.00	-13.74
MPBR ZERO	(255 YDS)	-1.50	.68	2.04	2.48	1.91	.23	-2.68	-12.78	-29.71
WIND DRIFT	(10 MPH)	.00	.19	.77	1.78	3.23	5.16	7.61	14.23	23.44
INCHES	(20 MPH)	.00	.38	1.55	3.56	6.46	10.33	15.23	28.46	46.88

MAXIMUM POINT BLANK RANGE IS 295 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		3300	3143	2993	2847	2705	2568	2435	2181	1947
ENERGY FT-LB		2901	2632	2386	2159	1950	1757	1580	1267	1009
DROP INCHES		.00	-.40	-1.69	-3.94	-7.27	-11.78	-17.61	-33.83	-57.39
BULLET PATH	(100 YDS)	-1.50	-.31	.00	-.66	-2.39	-5.31	-9.54	-22.58	-42.95
INCHES	(200 YDS)	-1.50	.29	1.20	1.13	.00	-2.32	-5.96	-17.80	-36.97
(ZERO RANGE)	(300 YDS)	-1.50	1.28	3.18	4.11	3.97	2.64	.00	-9.85	-27.04
	(400 YDS)	-1.50	2.51	5.65	7.81	8.90	8.80	7.39	.00	-14.72
MPBR ZERO	(250 YDS)	-1.50	.75	2.12	2.53	1.86	.00	-3.17	-14.09	-32.33
WIND DRIFT	(10 MPH)	.00	.20	.80	1.85	3.36	5.37	7.93	14.84	24.46
INCHES	(20 MPH)	.00	.39	1.61	3.69	6.72	10.74	15.85	29.68	48.93

MAXIMUM POINT BLANK RANGE IS 285 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		3200	3047	2899	2757	2618	2483	2352	2105	1875
ENERGY FT-LB		2728	2473	2240	2025	1826	1643	1474	1180	937
DROP INCHES		.00	-.43	-1.80	-4.20	-7.74	-12.55	-18.77	-36.10	-61.31
BULLET PATH	(100 YDS)	-1.50	-.28	.00	-.75	-2.65	-5.81	-10.38	-24.42	-46.33
INCHES	(200 YDS)	-1.50	.38	1.32	1.23	.00	-2.50	-6.41	-19.13	-39.71
(ZERO RANGE)	(300 YDS)	-1.50	1.45	3.46	4.44	4.27	2.84	.00	-10.58	-29.03
	(400 YDS)	-1.50	2.77	6.10	8.40	9.56	9.45	7.93	.00	-15.81
MPBR ZERO	(240 YDS)	-1.50	.77	2.11	2.42	1.58	-.53	-4.04	-15.97	-35.77
WIND DRIFT	(10 MPH)	.00	.20	.84	1.92	3.50	5.60	8.27	15.51	25.58
INCHES	(20 MPH)	.00	.41	1.67	3.84	7.00	11.20	16.55	31.01	51.16

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

VELOCITY FPS		3100	2950	2806	2666	2530	2398	2269	2028	1804
ENERGY FT-LB		2560	2319	2098	1893	1705	1531	1372	1096	867
DROP INCHES		.00	-.46	-1.92	-4.48	-8.26	-13.40	-20.05	-38.62	-65.66

BULLET PATH	(100 YDS)	-1.50	-.25	.00	-.85	-2.93	-6.36	-11.30	-26.45	-50.08
INCHES	(200 YDS)	-1.50	.48	1.46	1.34	.00	-2.70	-6.91	-20.60	-42.76
(ZERO RANGE)	(300 YDS)	-1.50	1.63	3.77	4.80	4.61	3.06	.00	-11.38	-31.24
	(400 YDS)	-1.50	3.06	6.61	9.07	10.30	10.17	8.54	.00	-17.02
MPBR ZERO	(235 YDS)	-1.50	.85	2.20	2.45	1.48	-.85	-4.69	-17.64	-39.06
WIND DRIFT	(10 MPH)	.00	.21	.87	2.01	3.65	5.86	8.66	16.24	26.80
INCHES	(20 MPH)	.00	.43	1.74	4.01	7.31	11.71	17.31	32.47	53.60

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		3000	2854	2712	2575	2441	2312	2186	1952	1734
ENERGY FT-LB		2397	2170	1960	1766	1588	1424	1274	1015	801
DROP INCHES		.00	-.49	-2.05	-4.79	-8.83	-14.34	-21.47	-41.41	-70.50
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-.96	-3.24	-6.97	-12.33	-28.72	-49.26
INCHES	(200 YDS)	-1.50	.59	1.62	1.47	.00	-2.92	-7.47	-22.24	-46.16
(ZERO RANGE)	(300 YDS)	-1.50	1.84	4.11	5.20	4.98	3.30	.00	-12.27	-33.71
	(400 YDS)	-1.50	3.37	7.18	9.80	11.12	10.98	9.21	.00	-18.37
MPBR ZERO	(230 YDS)	-1.50	.93	2.30	2.49	1.36	-1.22	-5.43	-19.51	-42.75
WIND DRIFT	(10 MPH)	.00	.22	.91	2.10	3.83	6.14	9.08	17.04	28.14
INCHES	(20 MPH)	.00	.44	1.82	4.20	7.66	12.28	18.16	34.07	56.28

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

VELOCITY FPS		2900	2757	2618	2483	2352	2226	2105	1875	1664
ENERGY FT-LB		2240	2025	1826	1643	1474	1320	1180	937	737
DROP INCHES		.00	-.53	-2.19	-5.13	-9.47	-15.39	-23.06	-44.52	-75.90
BULLET PATH	(100 YDS)	-1.50	-.18	.00	-1.09	-3.59	-7.66	-13.48	-31.24	-58.93
INCHES	(200 YDS)	-1.50	.72	1.79	1.60	.00	-3.17	-8.10	-24.07	-49.96
(ZERO RANGE)	(300 YDS)	-1.50	2.07	4.49	5.65	5.40	3.58	.00	-13.27	-36.47
	(400 YDS)	-1.50	3.73	7.81	10.63	12.03	11.87	9.95	.00	-19.88
MPBR ZERO	(220 YDS)	-1.50	.96	2.28	2.33	.97	-1.96	-6.64	-22.12	-47.53
WIND DRIFT	(10 MPH)	.00	.23	.96	2.20	4.02	6.45	9.55	17.91	29.60
INCHES	(20 MPH)	.00	.47	1.91	4.41	8.04	12.91	19.10	35.83	59.20

MAXIMUM POINT BLANK RANGE IS 255 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		2800	2659	2523	2391	2263	2141	2023	1799	1594
ENERGY FT-LB		2088	1884	1697	1524	1365	1221	1090	863	677
DROP INCHES		.00	-.56	-2.36	-5.51	-10.19	-16.56	-24.83	-47.99	-81.94
BULLET PATH	(100 YDS)	-1.50	-.14	.00	-1.23	-3.98	-8.42	-14.76	-34.07	-64.16
INCHES	(200 YDS)	-1.50	.86	1.99	1.75	.00	-3.45	-8.79	-26.12	-54.22
(ZERO RANGE)	(300 YDS)	-1.50	2.32	4.92	6.15	5.86	3.88	.00	-14.39	-39.56
	(400 YDS)	-1.50	4.12	8.52	11.55	13.06	12.87	10.79	.00	-21.57
MPBR ZERO	(215 YDS)	-1.50	1.06	2.38	2.35	.79	-2.46	-7.61	-24.54	-52.24
WIND DRIFT	(10 MPH)	.00	.25	1.01	2.32	4.24	6.80	10.06	18.88	31.20
INCHES	(20 MPH)	.00	.49	2.01	4.65	8.48	13.61	20.12	37.75	62.39

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

VELOCITY FPS		2700	2562	2429	2300	2175	2057	1942	1724	1527
ENERGY FT-LB		1942	1749	1572	1410	1261	1127	1004	792	621
DROP INCHES		.00	-.61	-2.54	-5.94	-10.98	-17.86	-26.80	-51.87	-88.67
BULLET PATH	(100 YDS)	-1.50	-.09	.00	-1.38	-4.41	-9.27	-16.19	-37.22	-69.99
INCHES	(200 YDS)	-1.50	1.01	2.20	1.92	.00	-3.76	-9.57	-28.40	-58.96
(ZERO RANGE)	(300 YDS)	-1.50	2.61	5.40	6.71	6.38	4.22	.00	-15.64	-43.01
	(400 YDS)	-1.50	4.56	9.30	12.57	14.20	13.99	11.73	.00	-23.46
MPBR ZERO	(205 YDS)	-1.50	1.08	2.35	2.14	.28	-3.41	-9.15	-27.83	-58.26
WIND DRIFT	(10 MPH)	.00	.26	1.06	2.45	4.47	7.17	10.60	19.90	32.90
INCHES	(20 MPH)	.00	.52	2.12	4.90	8.94	14.34	21.21	39.81	65.80

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

VELOCITY FPS		2600	2465	2335	2209	2089	1973	1861	1650	1460
ENERGY FT-LB		1800	1619	1453	1300	1162	1037	922	725	568
DROP INCHES		.00	-.65	-2.74	-6.42	-11.87	-19.32	-29.01	-56.22	-96.24
BULLET PATH	(100 YDS)	-1.50	-.04	.00	-1.56	-4.90	-10.23	-17.79	-40.76	-76.55
INCHES	(200 YDS)	-1.50	1.19	2.45	2.11	.00	-4.11	-10.44	-30.97	-64.31
(ZERO RANGE)	(300 YDS)	-1.50	2.93	5.93	7.34	6.96	4.60	.00	-17.04	-46.90
	(400 YDS)	-1.50	5.06	10.19	13.73	15.48	15.25	12.78	.00	-25.60
MPBR ZERO	(200 YDS)	-1.50	1.19	2.45	2.11	.00	-4.11	-10.44	-30.97	-64.31
WIND DRIFT	(10 MPH)	.00	.27	1.12	2.59	4.72	7.57	11.19	21.02	34.74
INCHES	(20 MPH)	.00	.55	2.24	5.17	9.44	15.14	22.39	42.04	69.48

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

VELOCITY FPS		2500	2368	2241	2119	2002	1889	1780	1577	1396
ENERGY FT-LB		1665	1494	1338	1197	1068	951	844	662	519
DROP INCHES		.00	-.71	-2.97	-6.96	-12.88	-20.97	-31.49	-61.12	-104.78
BULLET PATH	(100 YDS)	-1.50	.02	.00	-1.75	-5.44	-11.30	-19.59	-44.75	-83.94
INCHES	(200 YDS)	-1.50	1.39	2.72	2.33	.00	-4.50	-11.43	-33.86	-70.33
(ZERO RANGE)	(300 YDS)	-1.50	3.29	6.53	8.04	7.62	5.03	.00	-18.63	-51.29
	(400 YDS)	-1.50	5.62	11.19	15.03	16.93	16.67	13.97	.00	-28.01
MPBR ZERO	(190 YDS)	-1.50	1.22	2.39	1.83	-.66	-5.33	-12.42	-35.19	-71.99
WIND DRIFT	(10 MPH)	.00	.29	1.19	2.74	4.99	8.01	11.84	22.24	36.72
INCHES	(20 MPH)	.00	.58	2.37	5.48	9.99	16.01	23.68	44.47	73.43