

.243 Dia., 90 Gr. FMJBT

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 340 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		3800	3650	3505	3366	3231	3100	2973	2728	2492
ENERGY FT-LB		2885	2662	2455	2264	2086	1920	1766	1487	1241
DROP INCHES		.00	-.30	-1.25	-2.91	-5.34	-8.60	-12.76	-24.12	-40.15
BULLET PATH	(100 YDS)	-1.50	-.42	.00	-.28	-1.33	-3.21	-6.00	-14.60	-27.88
INCHES	(200 YDS)	-1.50	-.09	.67	.72	.00	-1.55	-4.00	-11.94	-24.55
(ZERO RANGE)	(300 YDS)	-1.50	.58	2.00	2.72	2.67	1.78	.00	-6.60	-17.89
	(400 YDS)	-1.50	1.40	3.65	5.19	5.97	5.91	4.95	.00	-9.63
MPBR ZERO	(290 YDS)	-1.50	.50	1.85	2.49	2.37	1.41	-.45	-7.20	-18.63
WIND DRIFT	(10 MPH)	.00	.14	.57	1.31	2.37	3.76	5.51	10.15	16.50
INCHES	(20 MPH)	.00	.28	1.15	2.62	4.74	7.53	11.02	20.30	33.00

MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		3700	3553	3412	3276	3144	3016	2891	2649	2416
ENERGY FT-LB		2735	2523	2326	2144	1975	1817	1670	1402	1166
DROP INCHES		.00	-.32	-1.32	-3.07	-5.63	-9.07	-13.47	-25.47	-42.43
BULLET PATH	(100 YDS)	-1.50	-.41	.00	-.34	-1.49	-3.52	-6.50	-15.67	-29.82
INCHES	(200 YDS)	-1.50	-.03	.74	.78	.00	-1.66	-4.27	-12.70	-26.10
(ZERO RANGE)	(300 YDS)	-1.50	.68	2.17	2.91	2.84	1.90	.00	-7.01	-18.99
	(400 YDS)	-1.50	1.55	3.92	5.54	6.35	6.28	5.26	.00	-10.22
MPBR ZERO	(280 YDS)	-1.50	.52	1.85	2.44	2.22	1.11	-.94	-8.27	-20.56
WIND DRIFT	(10 MPH)	.00	.15	.59	1.35	2.44	3.88	5.69	10.49	17.09
INCHES	(20 MPH)	.00	.29	1.18	2.70	4.89	7.76	11.37	20.98	34.18

MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		3600	3457	3319	3185	3056	2931	2809	2568	2340
ENERGY FT-LB		2589	2388	2201	2028	1866	1716	1576	1318	1094
DROP INCHES		.00	-.34	-1.40	-3.25	-5.96	-9.59	-14.24	-26.94	-44.92
BULLET PATH	(100 YDS)	-1.50	-.39	.00	-.40	-1.66	-3.85	-7.04	-16.85	-31.93
INCHES	(200 YDS)	-1.50	.03	.83	.84	.00	-1.77	-4.56	-13.53	-27.79
(ZERO RANGE)	(300 YDS)	-1.50	.79	2.35	3.12	3.04	2.02	.00	-7.46	-20.19
	(400 YDS)	-1.50	1.72	4.21	5.92	6.77	6.68	5.59	.00	-10.87
MPBR ZERO	(275 YDS)	-1.50	.58	1.93	2.50	2.21	.98	-1.25	-9.12	-22.27
WIND DRIFT	(10 MPH)	.00	.15	.61	1.40	2.52	4.01	5.88	10.87	17.74
INCHES	(20 MPH)	.00	.30	1.22	2.79	5.05	8.02	11.75	21.73	35.48

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		3500	3360	3225	3095	2968	2845	2723	2487	2263
ENERGY FT-LB		2447	2256	2079	1914	1760	1618	1482	1236	1023
DROP INCHES		.00	-.36	-1.48	-3.44	-6.30	-10.16	-15.08	-28.55	-47.66
BULLET PATH	(100 YDS)	-1.50	-.37	.00	-.47	-1.84	-4.21	-7.64	-18.13	-34.26
INCHES	(200 YDS)	-1.50	.10	.92	.91	.00	-1.90	-4.87	-14.44	-29.65
(ZERO RANGE)	(300 YDS)	-1.50	.91	2.55	3.35	3.25	2.16	.00	-7.95	-21.52
	(400 YDS)	-1.50	1.90	4.53	6.33	7.22	7.13	5.96	.00	-11.59
MPBR ZERO	(270 YDS)	-1.50	.64	2.02	2.56	2.19	.84	-1.59	-10.07	-24.17
WIND DRIFT	(10 MPH)	.00	.16	.63	1.44	2.61	4.15	6.09	11.29	18.45
INCHES	(20 MPH)	.00	.31	1.26	2.89	5.22	8.30	12.17	22.57	36.91

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 260 YARDS.										
VELOCITY FPS		3400	3263	3132	3004	2880	2758	2638	2406	2185
ENERGY FT-LB		2309	2128	1960	1803	1657	1520	1390	1156	954
DROP INCHES		.00	-.38	-1.57	-3.65	-6.69	-10.77	-16.00	-30.32	-50.67
BULLET PATH	(100 YDS)	-1.50	-.34	.00	-.54	-2.05	-4.60	-8.30	-19.55	-36.82
INCHES	(200 YDS)	-1.50	.17	1.02	.99	.00	-2.04	-5.22	-15.45	-31.70
(ZERO RANGE)	(300 YDS)	-1.50	1.04	2.77	3.60	3.48	2.31	.00	-8.49	-23.00
	(400 YDS)	-1.50	2.10	4.89	6.79	7.73	7.62	6.37	.00	-12.39
MPBR ZERO	(260 YDS)	-1.50	.67	2.02	2.48	1.99	.44	-2.24	-11.48	-26.74
WIND DRIFT	(10 MPH)	.00	.16	.65	1.49	2.70	4.30	6.32	11.75	19.25
INCHES	(20 MPH)	.00	.32	1.31	2.99	5.41	8.61	12.65	23.50	38.49

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

VELOCITY FPS		3300	3167	3038	2913	2791	2670	2551	2324	2108
ENERGY FT-LB		2175	2004	1844	1695	1557	1424	1301	1079	888
DROP INCHES		.00	-.40	-1.67	-3.87	-7.10	-11.45	-17.01	-32.28	-53.99
BULLET PATH	(100 YDS)	-1.50	-.32	.00	-.62	-2.27	-5.03	-9.02	-21.11	-39.66
INCHES	(200 YDS)	-1.50	.25	1.14	1.08	.00	-2.20	-5.61	-16.57	-33.98
(ZERO RANGE)	(300 YDS)	-1.50	1.19	3.01	3.88	3.74	2.48	.00	-9.09	-24.63
	(400 YDS)	-1.50	2.32	5.28	7.29	8.28	8.16	6.82	.00	-13.27
MPBR ZERO	(255 YDS)	-1.50	.74	2.11	2.54	1.95	.24	-2.69	-12.68	-29.12
WIND DRIFT	(10 MPH)	.00	.17	.68	1.55	2.81	4.48	6.59	12.27	20.13
INCHES	(20 MPH)	.00	.33	1.35	3.10	5.61	8.95	13.18	24.55	40.25

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		3200	3070	2944	2821	2700	2581	2465	2241	2028
ENERGY FT-LB		2046	1883	1732	1591	1456	1331	1214	1004	822
DROP INCHES		.00	-.43	-1.77	-4.12	-7.56	-12.20	-18.13	-34.44	-57.68
BULLET PATH	(100 YDS)	-1.50	-.29	.00	-.71	-2.52	-5.51	-9.81	-22.85	-42.82
INCHES	(200 YDS)	-1.50	.34	1.26	1.18	.00	-2.37	-6.04	-17.81	-36.52
(ZERO RANGE)	(300 YDS)	-1.50	1.35	3.27	4.19	4.03	2.66	.00	-9.76	-26.46
	(400 YDS)	-1.50	2.57	5.71	7.85	8.91	8.77	7.32	.00	-14.26
MPBR ZERO	(245 YDS)	-1.50	.76	2.11	2.44	1.69	-.25	-3.50	-14.43	-32.29
WIND DRIFT	(10 MPH)	.00	.17	.70	1.61	2.93	4.68	6.89	12.85	21.11
INCHES	(20 MPH)	.00	.35	1.41	3.23	5.85	9.35	13.78	25.71	42.21

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

VELOCITY FPS		3100	2973	2850	2728	2608	2491	2377	2159	1949
ENERGY FT-LB		1920	1766	1622	1487	1359	1240	1129	931	759
DROP INCHES		.00	-.45	-1.89	-4.40	-8.07	-13.02	-19.37	-36.84	-61.78
BULLET PATH	(100 YDS)	-1.50	-.26	.00	-.81	-2.79	-6.05	-10.70	-24.78	-46.33
INCHES	(200 YDS)	-1.50	.44	1.40	1.28	.00	-2.56	-6.52	-19.20	-39.36
(ZERO RANGE)	(300 YDS)	-1.50	1.52	3.57	4.54	4.34	2.87	.00	-10.51	-28.50
	(400 YDS)	-1.50	2.84	6.19	8.48	9.60	9.44	7.88	.00	-15.36
MPBR ZERO	(240 YDS)	-1.50	.84	2.20	2.49	1.62	-.54	-4.09	-15.96	-35.32
WIND DRIFT	(10 MPH)	.00	.18	.73	1.68	3.06	4.90	7.23	13.50	22.20
INCHES	(20 MPH)	.00	.36	1.47	3.37	6.13	9.80	14.46	27.00	44.40

MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		3000	2876	2754	2633	2516	2402	2290	2075	1869
ENERGY FT-LB		1798	1652	1515	1386	1265	1152	1048	861	698
DROP INCHES		.00	-.49	-2.02	-4.70	-8.64	-13.94	-20.75	-39.52	-66.38
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-.92	-3.09	-6.64	-11.69	-26.93	-50.27
INCHES	(200 YDS)	-1.50	.55	1.55	1.40	.00	-2.77	-7.05	-20.75	-42.54
(ZERO RANGE)	(300 YDS)	-1.50	1.72	3.90	4.93	4.70	3.10	.00	-11.34	-30.79
	(400 YDS)	-1.50	3.14	6.73	9.18	10.37	10.19	8.51	.00	-16.61
MPBR ZERO	(230 YDS)	-1.50	.87	2.20	2.37	1.30	-1.15	-5.11	-18.15	-39.30
WIND DRIFT	(10 MPH)	.00	.19	.77	1.77	3.22	5.16	7.62	14.23	23.43
INCHES	(20 MPH)	.00	.38	1.53	3.54	6.45	10.32	15.23	28.46	46.87

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

VELOCITY FPS		2900	2778	2657	2539	2424	2312	2203	1991	1790
ENERGY FT-LB		1680	1542	1410	1288	1174	1068	969	792	640
DROP INCHES		.00	-.52	-2.17	-5.04	-9.27	-14.97	-22.30	-42.52	-71.53
BULLET PATH	(100 YDS)	-1.50	-.19	.00	-1.04	-3.44	-7.31	-12.80	-29.35	-54.70
INCHES	(200 YDS)	-1.50	.67	1.72	1.53	.00	-3.01	-7.65	-22.48	-46.11
(ZERO RANGE)	(300 YDS)	-1.50	1.95	4.27	5.36	5.10	3.36	.00	-12.28	-33.36
	(400 YDS)	-1.50	3.48	7.34	9.96	11.24	11.04	9.21	.00	-18.01
MPBR ZERO	(225 YDS)	-1.50	.96	2.30	2.41	1.17	-1.55	-5.90	-20.15	-43.20
WIND DRIFT	(10 MPH)	.00	.20	.81	1.87	3.41	5.46	8.05	15.05	24.81
INCHES	(20 MPH)	.00	.39	1.62	3.74	6.82	10.91	16.10	30.09	49.61

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

VELOCITY FPS		2800	2678	2559	2444	2331	2221	2115	1906	1712
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ENERGY FT-LB		1566	1433	1309	1193	1086	986	893	726	585
DROP INCHES		.00	-.56	-2.33	-5.43	-9.98	-16.13	-24.04	-45.89	-77.35
BULLET PATH	(100 YDS)	-1.50	-.14	.00	-1.18	-3.82	-8.05	-14.05	-32.08	-59.70
INCHES	(200 YDS)	-1.50	.81	1.91	1.68	.00	-3.28	-8.32	-24.44	-50.15
(ZERO RANGE)	(300 YDS)	-1.50	2.20	4.68	5.84	5.55	3.65	.00	-13.35	-36.29
	(400 YDS)	-1.50	3.87	8.02	10.85	12.22	12.00	10.01	.00	-19.60
MPBR ZERO	(215 YDS)	-1.50	1.00	2.29	2.25	.75	-2.34	-7.19	-22.94	-48.27
WIND DRIFT	(10 MPH)	.00	.21	.87	1.99	3.62	5.79	8.54	15.98	26.35
INCHES	(20 MPH)	.00	.42	1.73	3.99	7.25	11.59	17.09	31.95	52.70

MAXIMUM POINT BLANK RANGE IS 250 YARDS. SET ZERO AT 210 YARDS.

VELOCITY FPS		2700	2580	2464	2351	2241	2134	2028	1825	1636
ENERGY FT-LB		1456	1330	1213	1105	1003	910	822	665	535
DROP INCHES		.00	-.60	-2.51	-5.84	-10.75	-17.39	-25.93	-49.59	-83.72
BULLET PATH	(100 YDS)	-1.50	-.10	.00	-1.33	-4.24	-8.87	-15.41	-35.06	-65.18
INCHES	(200 YDS)	-1.50	.96	2.12	1.84	.00	-3.57	-9.06	-26.59	-54.59
(ZERO RANGE)	(300 YDS)	-1.50	2.47	5.14	6.37	6.04	3.97	.00	-14.52	-39.50
	(400 YDS)	-1.50	4.29	8.77	11.82	13.30	13.05	10.89	.00	-21.36
MPBR ZERO	(210 YDS)	-1.50	1.10	2.39	2.25	.54	-2.89	-8.24	-25.50	-53.23
WIND DRIFT	(10 MPH)	.00	.22	.91	2.10	3.82	6.11	9.02	16.91	27.91
INCHES	(20 MPH)	.00	.45	1.83	4.20	7.64	12.23	18.04	33.82	55.82