

.284 Dia., 100 Gr. HP

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 310 YARDS. SET ZERO AT 265 YARDS.

VELOCITY FPS		3800	3526	3270	3029	2804	2593	2391	2037	1723
ENERGY FT-LB		3205	2761	2375	2037	1745	1492	1269	921	659
DROP INCHES		.00	-.31	-1.32	-3.15	-5.92	-9.80	-14.97	-30.14	-53.77
BULLET PATH	(100 YDS)	-1.50	-.40	.00	-.41	-1.77	-4.24	-8.00	-20.35	-41.15
INCHES	(200 YDS)	-1.50	.04	.89	.92	.00	-2.02	-5.34	-16.80	-36.72
(ZERO RANGE)	(300 YDS)	-1.50	.93	2.67	3.59	3.56	2.43	.00	-9.68	-27.82
	(400 YDS)	-1.50	2.14	5.09	7.22	8.40	8.48	7.26	.00	-15.71
MPBR ZERO	(265 YDS)	-1.50	.58	1.97	2.54	2.17	.69	-2.09	-12.47	-31.30
WIND DRIFT	(10 MPH)	.00	.27	1.09	2.53	4.65	7.49	11.14	21.20	35.49
INCHES	(20 MPH)	.00	.53	2.18	5.06	9.29	14.98	22.29	42.40	70.98

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 260 YARDS.

VELOCITY FPS		3700	3433	3182	2946	2727	2519	2321	1978	1673
ENERGY FT-LB		3039	2616	2249	1927	1651	1409	1196	869	621
DROP INCHES		.00	-.33	-1.40	-3.32	-6.25	-10.35	-15.81	-31.86	-56.88
BULLET PATH	(100 YDS)	-1.50	-.38	.00	-.48	-1.96	-4.61	-8.62	-21.78	-43.90
INCHES	(200 YDS)	-1.50	.11	.98	.99	.00	-2.16	-5.69	-17.87	-39.00
(ZERO RANGE)	(300 YDS)	-1.50	1.06	2.87	3.83	3.79	2.58	.00	-10.28	-29.52
	(400 YDS)	-1.50	2.34	5.44	7.69	8.93	9.01	7.71	.00	-16.67
MPBR ZERO	(260 YDS)	-1.50	.64	2.04	2.58	2.11	.48	-2.52	-13.64	-33.72
WIND DRIFT	(10 MPH)	.00	.27	1.13	2.61	4.79	7.73	11.51	21.89	36.67
INCHES	(20 MPH)	.00	.55	2.25	5.22	9.58	15.46	23.02	43.78	73.34

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		3600	3339	3094	2863	2649	2445	2254	1919	1624
ENERGY FT-LB		2877	2475	2125	1820	1559	1328	1128	818	586
DROP INCHES		.00	-.35	-1.48	-3.51	-6.61	-10.94	-16.73	-33.74	-60.26
BULLET PATH	(100 YDS)	-1.50	-.36	.00	-.55	-2.16	-5.00	-9.31	-23.33	-46.89
INCHES	(200 YDS)	-1.50	.18	1.08	1.07	.00	-2.31	-6.07	-19.02	-41.49
(ZERO RANGE)	(300 YDS)	-1.50	1.19	3.10	4.10	4.05	2.75	.00	-10.93	-31.38
	(400 YDS)	-1.50	2.56	5.83	8.20	9.51	9.58	8.19	.00	-17.72
MPBR ZERO	(250 YDS)	-1.50	.64	2.00	2.45	1.85	.00	-3.30	-15.33	-36.88
WIND DRIFT	(10 MPH)	.00	.28	1.16	2.70	4.95	7.99	11.90	22.62	37.91
INCHES	(20 MPH)	.00	.56	2.32	5.40	9.90	15.97	23.80	45.24	75.81

MAXIMUM POINT BLANK RANGE IS 285 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		3500	3245	3005	2782	2572	2371	2189	1860	1576
ENERGY FT-LB		2719	2338	2005	1718	1468	1248	1064	768	551
DROP INCHES		.00	-.37	-1.56	-3.72	-7.00	-11.59	-17.74	-35.78	-63.97
BULLET PATH	(100 YDS)	-1.50	-.34	.00	-.63	-2.37	-5.44	-10.05	-25.03	-50.15
INCHES	(200 YDS)	-1.50	.26	1.19	1.16	.00	-2.47	-6.49	-20.28	-44.22
(ZERO RANGE)	(300 YDS)	-1.50	1.34	3.35	4.40	4.33	2.94	.00	-11.63	-33.40
	(400 YDS)	-1.50	2.79	6.26	8.76	10.14	10.21	8.73	.00	-18.86
MPBR ZERO	(245 YDS)	-1.50	.70	2.07	2.48	1.76	-.27	-3.85	-16.76	-39.81
WIND DRIFT	(10 MPH)	.00	.29	1.20	2.79	5.12	8.26	12.32	23.40	39.22
INCHES	(20 MPH)	.00	.58	2.40	5.58	10.24	16.53	24.63	46.80	78.44

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

VELOCITY FPS		3400	3151	2916	2700	2493	2296	2123	1800	1528
ENERGY FT-LB		2566	2205	1888	1618	1380	1170	1000	719	518
DROP INCHES		.00	-.39	-1.66	-3.94	-7.43	-12.31	-18.83	-38.02	-68.01
BULLET PATH	(100 YDS)	-1.50	-.31	.00	-.71	-2.61	-5.92	-10.86	-26.89	-53.73
INCHES	(200 YDS)	-1.50	.34	1.31	1.25	.00	-2.65	-6.94	-21.67	-47.20
(ZERO RANGE)	(300 YDS)	-1.50	1.50	3.62	4.72	4.63	3.14	.00	-12.41	-35.62
	(400 YDS)	-1.50	3.05	6.72	9.37	10.83	10.89	9.31	.00	-20.11
MPBR ZERO	(240 YDS)	-1.50	.76	2.14	2.50	1.66	-.57	-4.45	-18.34	-43.04
WIND DRIFT	(10 MPH)	.00	.30	1.24	2.89	5.30	8.57	12.76	24.24	40.61
INCHES	(20 MPH)	.00	.60	2.49	5.78	10.60	17.13	25.51	48.48	81.22

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

VELOCITY FPS		3300	3057	2829	2617	2414	2227	2056	1740	1480
ENERGY FT-LB		2417	2075	1777	1520	1294	1101	939	672	486
DROP INCHES		.00	-.41	-1.76	-4.19	-7.89	-13.09	-20.03	-40.47	-72.44

BULLET PATH	(100 YDS)	-1.50	-.28	.00	-.80	-2.87	-6.44	-11.76	-28.93	-57.65
INCHES	(200 YDS)	-1.50	.43	1.44	1.35	.00	-2.85	-7.44	-23.18	-50.46
(ZERO RANGE)	(300 YDS)	-1.50	1.67	3.92	5.08	4.96	3.36	.00	-13.26	-38.05
	(400 YDS)	-1.50	3.33	7.23	10.05	11.59	11.64	9.94	.00	-21.48
MPBR ZERO	(235 YDS)	-1.50	.82	2.21	2.52	1.55	-.91	-5.12	-20.08	-46.59
WIND DRIFT	(10 MPH)	.00	.31	1.29	2.99	5.50	8.89	13.22	25.14	42.08
INCHES	(20 MPH)	.00	.63	2.58	5.99	10.99	17.78	26.45	50.28	84.17

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		3200	2962	2742	2534	2335	2157	1990	1682	1434
ENERGY FT-LB		2273	1948	1669	1425	1210	1033	879	628	456
DROP INCHES		.00	-.44	-1.87	-4.46	-8.40	-13.94	-21.35	-43.15	-77.30
BULLET PATH	(100 YDS)	-1.50	-.25	.00	-.90	-3.16	-7.01	-12.73	-31.16	-61.93
INCHES	(200 YDS)	-1.50	.54	1.58	1.47	.00	-3.06	-7.99	-24.84	-54.04
(ZERO RANGE)	(300 YDS)	-1.50	1.87	4.24	5.46	5.33	3.60	.00	-14.19	-40.72
	(400 YDS)	-1.50	3.64	7.79	10.78	12.42	12.47	10.64	.00	-22.98
MPBR ZERO	(230 YDS)	-1.50	.89	2.29	2.53	1.42	-1.29	-5.87	-22.01	-50.50
WIND DRIFT	(10 MPH)	.00	.32	1.34	3.10	5.71	9.23	13.72	26.10	43.62
INCHES	(20 MPH)	.00	.65	2.68	6.21	11.41	18.45	27.43	52.19	87.25

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

VELOCITY FPS		3100	2868	2654	2450	2258	2087	1923	1627	1387
ENERGY FT-LB		2133	1827	1564	1333	1132	967	821	588	427
DROP INCHES		.00	-.47	-2.00	-4.76	-8.97	-14.88	-22.79	-46.11	-82.63
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-1.01	-3.47	-7.64	-13.80	-33.62	-66.65
INCHES	(200 YDS)	-1.50	.65	1.74	1.59	.00	-3.30	-8.59	-26.67	-57.96
(ZERO RANGE)	(300 YDS)	-1.50	2.08	4.60	5.89	5.73	3.86	.00	-15.22	-43.64
	(400 YDS)	-1.50	3.98	8.40	11.59	13.33	13.37	11.41	.00	-24.62
MPBR ZERO	(220 YDS)	-1.50	.90	2.24	2.34	1.00	-2.05	-7.09	-24.67	-55.46
WIND DRIFT	(10 MPH)	.00	.34	1.39	3.22	5.94	9.58	14.24	27.11	45.25
INCHES	(20 MPH)	.00	.68	2.78	6.45	11.87	19.16	28.48	54.21	90.50

MAXIMUM POINT BLANK RANGE IS 250 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		3000	2776	2566	2366	2184	2016	1856	1573	1342
ENERGY FT-LB		1998	1711	1462	1243	1059	902	764	549	400
DROP INCHES		.00	-.50	-2.13	-5.08	-9.59	-15.91	-24.38	-49.35	-88.48
BULLET PATH	(100 YDS)	-1.50	-.19	.00	-1.13	-3.82	-8.33	-14.98	-36.32	-71.82
INCHES	(200 YDS)	-1.50	.77	1.91	1.73	.00	-3.55	-9.25	-28.68	-62.26
(ZERO RANGE)	(300 YDS)	-1.50	2.31	4.99	6.36	6.17	4.15	.00	-16.35	-46.85
	(400 YDS)	-1.50	4.35	9.08	12.49	14.34	14.37	12.26	.00	-26.41
MPBR ZERO	(215 YDS)	-1.50	.97	2.31	2.33	.80	-2.55	-8.05	-27.07	-60.26
WIND DRIFT	(10 MPH)	.00	.35	1.44	3.35	6.17	9.95	14.79	28.16	46.95
INCHES	(20 MPH)	.00	.70	2.88	6.70	12.34	19.90	29.59	56.33	93.90

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

VELOCITY FPS		2900	2684	2478	2283	2110	1945	1789	1519	1298
ENERGY FT-LB		1867	1599	1364	1157	989	840	710	512	374
DROP INCHES		.00	-.54	-2.28	-5.44	-10.27	-17.05	-26.13	-52.93	-94.91
BULLET PATH	(100 YDS)	-1.50	-.15	.00	-1.27	-4.21	-9.09	-16.28	-39.30	-77.50
INCHES	(200 YDS)	-1.50	.91	2.10	1.88	.00	-3.84	-9.97	-30.89	-66.99
(ZERO RANGE)	(300 YDS)	-1.50	2.57	5.43	6.87	6.65	4.47	.00	-17.59	-50.36
	(400 YDS)	-1.50	4.77	9.83	13.47	15.45	15.47	13.19	.00	-28.37
MPBR ZERO	(210 YDS)	-1.50	1.05	2.39	2.31	.57	-3.12	-9.12	-29.75	-65.55
WIND DRIFT	(10 MPH)	.00	.36	1.49	3.49	6.41	10.33	15.38	29.27	48.71
INCHES	(20 MPH)	.00	.72	2.98	6.97	12.82	20.67	30.76	58.53	97.42

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

VELOCITY FPS		2800	2589	2387	2203	2034	1872	1720	1464	1255
ENERGY FT-LB		1740	1488	1265	1077	918	778	657	476	349
DROP INCHES		.00	-.58	-2.45	-5.85	-11.04	-18.34	-28.12	-56.99	-102.20
BULLET PATH	(100 YDS)	-1.50	-.10	.00	-1.42	-4.64	-9.96	-17.76	-42.69	-83.94
INCHES	(200 YDS)	-1.50	1.06	2.32	2.06	.00	-4.16	-10.80	-33.41	-72.34
(ZERO RANGE)	(300 YDS)	-1.50	2.86	5.92	7.46	7.20	4.84	.00	-19.01	-54.34
	(400 YDS)	-1.50	5.24	10.67	14.58	16.70	16.72	14.26	.00	-30.58
MPBR ZERO	(200 YDS)	-1.50	1.06	2.32	2.06	.00	-4.16	-10.80	-33.41	-72.34
WIND DRIFT	(10 MPH)	.00	.38	1.57	3.66	6.70	10.80	16.08	30.53	50.69
INCHES	(20 MPH)	.00	.75	3.13	7.32	13.40	21.59	32.16	61.06	101.38

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

VELOCITY FPS		2700	2493	2296	2123	1957	1800	1656	1411	1214
ENERGY FT-LB		1618	1380	1170	1000	850	719	608	442	327
DROP INCHES		.00	-.62	-2.64	-6.31	-11.90	-19.77	-30.32	-61.49	-110.23
BULLET PATH	(100 YDS)	-1.50	-.05	.00	-1.60	-5.12	-10.92	-19.40	-46.43	-91.03
INCHES	(200 YDS)	-1.50	1.23	2.56	2.25	.00	-4.52	-11.72	-36.19	-78.22
(ZERO RANGE)	(300 YDS)	-1.50	3.18	6.47	8.10	7.81	5.25	.00	-20.56	-58.69
	(400 YDS)	-1.50	5.75	11.61	15.82	18.09	18.10	15.42	.00	-32.99
MPBR ZERO	(195 YDS)	-1.50	1.15	2.40	2.00	-.33	-4.93	-12.21	-36.84	-79.05
WIND DRIFT	(10 MPH)	.00	.40	1.65	3.83	7.00	11.29	16.81	31.83	52.71
INCHES	(20 MPH)	.00	.79	3.30	7.66	14.00	22.57	33.62	63.66	105.42

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		2600	2398	2212	2042	1881	1728	1593	1359	1175
ENERGY FT-LB		1500	1276	1086	926	785	663	563	410	306
DROP INCHES		.00	-.67	-2.85	-6.81	-12.86	-21.36	-32.77	-66.48	-119.10
BULLET PATH	(100 YDS)	-1.50	.01	.00	-1.78	-5.65	-11.98	-21.22	-50.57	-98.84
INCHES	(200 YDS)	-1.50	1.42	2.83	2.46	.00	-4.92	-12.74	-39.27	-84.72
(ZERO RANGE)	(300 YDS)	-1.50	3.54	7.07	8.82	8.49	5.70	.00	-22.28	-63.48
	(400 YDS)	-1.50	6.33	12.64	17.18	19.63	19.63	16.71	.00	-35.63
MPBR ZERO	(190 YDS)	-1.50	1.24	2.47	1.92	-.71	-5.80	-13.80	-40.69	-86.49
WIND DRIFT	(10 MPH)	.00	.42	1.74	4.00	7.31	11.80	17.57	33.18	54.77
INCHES	(20 MPH)	.00	.84	3.47	8.00	14.63	23.61	35.13	66.37	109.54

MAXIMUM POINT BLANK RANGE IS 215 YARDS. SET ZERO AT 185 YARDS.

VELOCITY FPS		2500	2302	2128	1962	1805	1660	1532	1309	1139
ENERGY FT-LB		1387	1177	1005	855	723	611	521	380	288
DROP INCHES		.00	-.73	-3.09	-7.37	-13.91	-23.13	-35.49	-72.00	-128.88
BULLET PATH	(100 YDS)	-1.50	.07	.00	-1.99	-6.24	-13.16	-23.23	-55.15	-107.44
INCHES	(200 YDS)	-1.50	1.63	3.12	2.69	.00	-5.36	-13.87	-42.67	-91.84
(ZERO RANGE)	(300 YDS)	-1.50	3.94	7.74	9.62	9.25	6.20	.00	-24.17	-68.72
	(400 YDS)	-1.50	6.96	13.79	18.69	21.33	21.31	18.13	.00	-38.51
MPBR ZERO	(185 YDS)	-1.50	1.34	2.54	1.82	-1.15	-6.80	-15.60	-44.98	-94.73
WIND DRIFT	(10 MPH)	.00	.44	1.81	4.17	7.63	12.34	18.33	34.56	56.82
INCHES	(20 MPH)	.00	.89	3.62	8.33	15.26	24.67	36.66	69.11	113.63

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

VELOCITY FPS		2400	2214	2044	1882	1729	1594	1472	1261	1106
ENERGY FT-LB		1278	1088	928	787	664	564	481	353	271
DROP INCHES		.00	-.79	-3.35	-7.99	-15.09	-25.09	-38.51	-78.11	-139.62
BULLET PATH	(100 YDS)	-1.50	.14	.00	-2.22	-6.89	-14.47	-25.47	-60.21	-116.88
INCHES	(200 YDS)	-1.50	1.86	3.45	2.95	.00	-5.85	-15.13	-46.43	-99.65
(ZERO RANGE)	(300 YDS)	-1.50	4.38	8.49	10.52	10.09	6.75	.00	-26.25	-74.43
	(400 YDS)	-1.50	7.66	15.05	20.36	23.21	23.16	19.69	.00	-41.61
MPBR ZERO	(175 YDS)	-1.50	1.34	2.41	1.40	-2.07	-8.44	-18.23	-50.56	-104.82
WIND DRIFT	(10 MPH)	.00	.46	1.87	4.33	7.96	12.86	19.10	35.93	58.80
INCHES	(20 MPH)	.00	.92	3.74	8.65	15.91	25.73	38.19	71.86	117.59

MAXIMUM POINT BLANK RANGE IS 200 YARDS. SET ZERO AT 170 YARDS.

VELOCITY FPS		2300	2126	1960	1803	1658	1531	1413	1215	1076
ENERGY FT-LB		1174	1003	853	722	610	520	443	328	257
DROP INCHES		.00	-.85	-3.63	-8.68	-16.39	-27.27	-41.87	-84.85	-151.39
BULLET PATH	(100 YDS)	-1.50	.21	.00	-2.48	-7.63	-15.94	-27.97	-65.82	-127.23
INCHES	(200 YDS)	-1.50	2.12	3.81	3.24	.00	-6.40	-16.53	-50.57	-108.16
(ZERO RANGE)	(300 YDS)	-1.50	4.87	9.32	11.51	11.02	7.37	.00	-28.53	-80.61
	(400 YDS)	-1.50	8.44	16.46	22.21	25.28	25.20	21.40	.00	-44.94
MPBR ZERO	(170 YDS)	-1.50	1.44	2.46	1.22	-2.70	-9.78	-20.57	-55.97	-114.90
WIND DRIFT	(10 MPH)	.00	.46	1.91	4.47	8.27	13.37	19.84	37.26	60.63
INCHES	(20 MPH)	.00	.92	3.82	8.94	16.54	26.73	39.68	74.52	121.26

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

VELOCITY FPS		2200	2030	1869	1717	1584	1462	1351	1169	1047
ENERGY FT-LB		1074	915	776	654	557	474	405	303	243
DROP INCHES		.00	-.93	-3.98	-9.51	-17.99	-29.94	-45.96	-93.06	-165.54
BULLET PATH	(100 YDS)	-1.50	.31	.00	-2.80	-8.53	-17.74	-31.02	-72.64	-139.64
INCHES	(200 YDS)	-1.50	2.44	4.27	3.61	.00	-7.07	-18.22	-55.57	-118.30

(ZERO RANGE)	(300 YDS)	-1.50	5.48	10.34	12.72	12.15	8.11	.00	-31.28	-87.94
	(400 YDS)	-1.50	9.39	18.16	24.44	27.79	27.66	23.46	.00	-48.84
MPBR ZERO	(165 YDS)	-1.50	1.57	2.54	1.01	-3.46	-11.40	-23.41	-62.49	-126.96
WIND DRIFT	(10 MPH)	.00	.49	2.04	4.77	8.78	14.13	20.92	39.03	62.92
INCHES	(20 MPH)	.00	.98	4.08	9.54	17.57	28.26	41.83	78.06	125.84

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

VELOCITY FPS		2100	1935	1779	1637	1511	1396	1292	1127	1020
ENERGY FT-LB		979	831	702	595	507	432	370	282	231
DROP INCHES		.00	-1.03	-4.38	-10.48	-19.82	-32.97	-50.59	102.25	-181.18
BULLET PATH	(100 YDS)	-1.50	.41	.00	-3.16	-9.56	-19.78	-34.45	-80.24	-153.29
INCHES	(200 YDS)	-1.50	2.80	4.78	4.01	.00	-7.83	-20.12	-61.12	-129.39
(ZERO RANGE)	(300 YDS)	-1.50	6.15	11.48	14.07	13.41	8.94	.00	-34.30	-95.86
	(400 YDS)	-1.50	10.44	20.06	26.93	30.56	30.37	25.73	.00	-52.99
MPBR ZERO	(155 YDS)	-1.50	1.59	2.35	.37	-4.86	-13.90	-27.40	-70.83	-141.53
WIND DRIFT	(10 MPH)	.00	.52	2.18	5.09	9.30	14.91	22.00	40.74	64.98
INCHES	(20 MPH)	.00	1.05	4.36	10.18	18.60	29.81	44.00	81.48	129.97