

## .284 Dia., 100 Gr. HP

POINT BLANK RANGE COMPUTED FOR 2.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE METERS	MUZZLE	50	100	150	200	250
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MAXIMUM POINT BLANK RANGE IS 200 METERS. SET ZERO AT 170 METERS.

VELOCITY FPS	3000	2756	2528	2311	2120	1940
ENERGY FT-LB	1998	1687	1419	1186	998	835
DROP INCHES	.00	-.60	-2.58	-6.18	-11.73	-19.59
BULLET PATH (50 M)	-.80	.00	-.57	-2.77	-6.91	-13.37
INCHES (100 M)	-.80	.28	.00	-1.91	-5.77	-11.94
(ZERO RANGE) (150 M)	-.80	.92	1.28	.00	-3.22	-8.75
(200 M)	-.80	1.73	2.89	2.41	.00	-4.73
MPBR ZERO (170 M)	-.80	1.23	1.88	.91	-2.00	-7.23
WIND DRIFT (10 MPH)	.00	.42	1.73	4.05	7.47	12.08
INCHES (20 MPH)	.00	.84	3.46	8.10	14.93	24.15

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

VELOCITY FPS	2900	2664	2441	2234	2048	1871
ENERGY FT-LB	1867	1576	1323	1108	931	777
DROP INCHES	.00	-.65	-2.76	-6.62	-12.56	-20.99
BULLET PATH (50 M)	-.80	.00	-.67	-3.08	-7.58	-14.56
INCHES (100 M)	-.80	.33	.00	-2.08	-6.24	-12.89
(ZERO RANGE) (150 M)	-.80	1.03	1.39	.00	-3.47	-9.43
(200 M)	-.80	1.89	3.12	2.60	.00	-5.09
MPBR ZERO (165 M)	-.80	1.27	1.88	.73	-2.49	-8.20
WIND DRIFT (10 MPH)	.00	.43	1.80	4.21	7.75	12.55
INCHES (20 MPH)	.00	.86	3.59	8.43	15.51	25.09

MAXIMUM POINT BLANK RANGE IS 190 METERS. SET ZERO AT 160 METERS.

VELOCITY FPS	2800	2569	2351	2155	1973	1800
ENERGY FT-LB	1740	1466	1227	1031	864	719
DROP INCHES	.00	-.69	-2.96	-7.12	-13.51	-22.58
BULLET PATH (50 M)	-.80	.00	-.78	-3.44	-8.34	-15.91
INCHES (100 M)	-.80	.39	.00	-2.27	-6.78	-13.97
(ZERO RANGE) (150 M)	-.80	1.15	1.51	.00	-3.75	-10.18
(200 M)	-.80	2.08	3.39	2.82	.00	-5.49
MPBR ZERO (160 M)	-.80	1.32	1.86	.52	-3.06	-9.31
WIND DRIFT (10 MPH)	.00	.45	1.89	4.41	8.10	13.11
INCHES (20 MPH)	.00	.90	3.77	8.82	16.20	26.22

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

VELOCITY FPS	2700	2474	2263	2076	1897	1729
ENERGY FT-LB	1618	1359	1137	956	799	664
DROP INCHES	.00	-.75	-3.19	-7.67	-14.56	-24.35
BULLET PATH (50 M)	-.80	.00	-.90	-3.83	-9.17	-17.41
INCHES (100 M)	-.80	.45	.00	-2.48	-7.37	-15.16
(ZERO RANGE) (150 M)	-.80	1.28	1.65	.00	-4.07	-11.03
(200 M)	-.80	2.29	3.69	3.05	.00	-5.94
MPBR ZERO (155 M)	-.80	1.37	1.84	.28	-3.69	-10.56
WIND DRIFT (10 MPH)	.00	.48	1.99	4.61	8.47	13.71
INCHES (20 MPH)	.00	.95	3.98	9.23	16.93	27.42

MAXIMUM POINT BLANK RANGE IS 180 METERS. SET ZERO AT 150 METERS.

VELOCITY FPS	2600	2379	2180	1996	1822	1663
ENERGY FT-LB	1500	1257	1055	885	737	613
DROP INCHES	.00	-.81	-3.45	-8.29	-15.73	-26.31
BULLET PATH (50 M)	-.80	.00	-1.04	-4.27	-10.11	-19.08
INCHES (100 M)	-.80	.52	.00	-2.71	-8.03	-16.49
(ZERO RANGE) (150 M)	-.80	1.42	1.81	.00	-4.42	-11.97
(200 M)	-.80	2.53	4.02	3.31	.00	-6.45
MPBR ZERO (150 M)	-.80	1.42	1.81	.00	-4.42	-11.97
WIND DRIFT (10 MPH)	.00	.50	2.09	4.82	8.85	14.34
INCHES (20 MPH)	.00	1.01	4.17	9.64	17.70	28.68

MAXIMUM POINT BLANK RANGE IS 175 METERS. SET ZERO AT 145 METERS.

VELOCITY FPS	2500	2285	2096	1917	1748	1599
ENERGY FT-LB	1387	1159	976	816	678	567
DROP INCHES	.00	-.87	-3.74	-8.97	-17.03	-28.50

BULLET PATH (50 M)		-80	.00	-1.19	-4.75	-11.14	-20.93
INCHES (100 M)		-80	.59	.00	-2.96	-8.76	-17.96
(ZERO RANGE) (150 M)		-80	1.58	1.98	.00	-4.81	-13.02
(200 M)		-80	2.78	4.38	3.61	.00	-7.01
MPBR ZERO (145 M)		-80	1.47	1.76	-.33	-5.24	-13.56
WIND DRIFT (10 MPH)		.00	.53	2.17	5.02	9.24	14.98
INCHES (20 MPH)		.00	1.07	4.35	10.05	18.49	29.96

RANGE METERS		MUZZLE	50	100	150	200	250
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MAXIMUM POINT BLANK RANGE IS 165 METERS. SET ZERO AT 140 METERS.

VELOCITY FPS		2400	2198	2013	1839	1676	1536
ENERGY FT-LB		1278	1072	900	750	624	524
DROP INCHES		.00	-.95	-4.05	-9.72	-18.47	-30.91
BULLET PATH (50 M)		-80	.00	-1.35	-5.28	-12.28	-22.98
INCHES (100 M)		-80	.68	.00	-3.25	-9.57	-19.59
(ZERO RANGE) (150 M)		-80	1.76	2.16	.00	-5.24	-14.18
(200 M)		-80	3.07	4.79	3.93	.00	-7.63
MPBR ZERO (140 M)		-80	1.52	1.69	-.71	-6.19	-15.36
WIND DRIFT (10 MPH)		.00	.55	2.24	5.22	9.64	15.60
INCHES (20 MPH)		.00	1.10	4.49	10.44	19.28	31.21

MAXIMUM POINT BLANK RANGE IS 160 METERS. SET ZERO AT 135 METERS.

VELOCITY FPS		2300	2110	1930	1760	1609	1474
ENERGY FT-LB		1174	989	827	688	575	482
DROP INCHES		.00	-1.03	-4.39	-10.56	-20.07	-33.61
BULLET PATH (50 M)		-80	.00	-1.54	-5.87	-13.56	-25.27
INCHES (100 M)		-80	.77	.00	-3.56	-10.48	-21.42
(ZERO RANGE) (150 M)		-80	1.96	2.38	.00	-5.73	-15.48
(200 M)		-80	3.39	5.24	4.30	.00	-8.32
MPBR ZERO (135 M)		-80	1.57	1.61	-1.15	-7.27	-17.40
WIND DRIFT (10 MPH)		.00	.55	2.30	5.41	10.03	16.22
INCHES (20 MPH)		.00	1.10	4.60	10.82	20.05	32.44

MAXIMUM POINT BLANK RANGE IS 155 METERS. SET ZERO AT 130 METERS.

VELOCITY FPS		2200	2015	1840	1678	1537	1409
ENERGY FT-LB		1074	901	752	625	524	440
DROP INCHES		.00	-1.13	-4.82	-11.58	-22.03	-36.90
BULLET PATH (50 M)		-80	.00	-1.76	-6.60	-15.13	-28.07
INCHES (100 M)		-80	.88	.00	-3.96	-11.60	-23.66
(ZERO RANGE) (150 M)		-80	2.20	2.64	.00	-6.33	-17.07
(200 M)		-80	3.78	5.80	4.75	.00	-9.16
MPBR ZERO (130 M)		-80	1.64	1.51	-1.69	-8.58	-19.88
WIND DRIFT (10 MPH)		.00	.59	2.46	5.77	10.63	17.13
INCHES (20 MPH)		.00	1.18	4.91	11.54	21.25	34.26

MAXIMUM POINT BLANK RANGE IS 150 METERS. SET ZERO AT 125 METERS.

VELOCITY FPS		2100	1920	1751	1601	1467	1346
ENERGY FT-LB		979	818	680	569	477	402
DROP INCHES		.00	-1.24	-5.30	-12.75	-24.27	-40.62
BULLET PATH (50 M)		-80	.00	-2.02	-7.44	-16.92	-31.24
INCHES (100 M)		-80	1.01	.00	-4.40	-12.87	-26.18
(ZERO RANGE) (150 M)		-80	2.48	2.94	.00	-7.00	-18.84
(200 M)		-80	4.23	6.43	5.25	.00	-10.09
MPBR ZERO (125 M)		-80	1.71	1.39	-2.32	-10.09	-22.70
WIND DRIFT (10 MPH)		.00	.63	2.63	6.14	11.23	18.03
INCHES (20 MPH)		.00	1.26	5.25	12.27	22.46	36.07

MAXIMUM POINT BLANK RANGE IS 145 METERS. SET ZERO AT 120 METERS.

VELOCITY FPS		2000	1825	1665	1526	1398	1285
ENERGY FT-LB		888	740	615	517	434	367
DROP INCHES		.00	-1.37	-5.86	-14.09	-26.81	-44.84
BULLET PATH (50 M)		-80	.00	-2.32	-8.39	-18.94	-34.81
INCHES (100 M)		-80	1.16	.00	-4.91	-14.30	-29.00
(ZERO RANGE) (150 M)		-80	2.80	3.27	.00	-7.75	-20.82
(200 M)		-80	4.74	7.15	5.81	.00	-11.13
MPBR ZERO (120 M)		-80	1.78	1.23	-3.06	-11.84	-25.93
WIND DRIFT (10 MPH)		.00	.67	2.81	6.49	11.82	18.93
INCHES (20 MPH)		.00	1.35	5.61	12.97	23.64	37.86

MAXIMUM POINT BLANK RANGE IS 140 METERS. SET ZERO AT 115 METERS.

VELOCITY FPS	1900	1731	1585	1452	1332	1228
ENERGY FT-LB	801	665	557	468	394	335
DROP INCHES	.00	-1.52	-6.50	-15.63	-29.70	-49.62
BULLET PATH ( 50 M )	-80	.00	-2.67	-9.48	-21.23	-38.84
INCHES (100 M )	-80	1.33	.00	-5.48	-15.90	-32.18
(ZERO RANGE) (150 M )	-80	3.16	3.65	.00	-8.60	-23.05
(200 M )	-80	5.31	7.95	6.45	.00	-12.30
MPBR ZERO (115 M )	-80	1.84	1.02	-3.95	-13.86	-29.63
WIND DRIFT (10 MPH)	.00	.72	2.97	6.81	12.38	19.76
INCHES (20 MPH)	.00	1.45	5.93	13.62	24.75	39.52