

.311 Dia., 180 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 315 YARDS. SET ZERO AT 265 YARDS.										
VELOCITY FPS		2600	2493	2389	2187	1996	1814	1643	1487	1058
ENERGY FT-LB		2701	2484	2280	1912	1593	1315	1079	884	447
DROP INCHES		.00	-.65	-2.69	-11.48	-27.55	-52.37	-87.77	136.08	-523.15
BULLET PATH	(100 YDS)	-1.50	-.05	.00	-4.60	-16.48	-37.11	-68.33	112.44	-482.76
INCHES	(200 YDS)	-1.50	1.10	2.30	.00	-9.58	-27.91	-56.82	-98.63	-459.75
(ZERO RANGE)	(300 YDS)	-1.50	2.70	5.49	6.39	.00	-15.13	-40.85	-79.47	-427.81
	(400 YDS)	-1.50	4.59	9.28	13.95	11.35	.00	-21.94	-56.78	-389.98
MPBR ZERO	(265 YDS)	-1.50	2.10	4.31	4.01	-3.56	-19.88	-46.79	-86.60	-439.69
WIND DRIFT	(10 MPH)	.00	.22	.88	3.67	8.62	16.06	26.34	39.81	130.19
INCHES	(20 MPH)	.00	.43	1.76	7.33	17.24	32.12	52.67	79.62	260.38

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 255 YARDS.										
VELOCITY FPS		2500	2395	2293	2097	1909	1732	1568	1419	1030
ENERGY FT-LB		2497	2293	2102	1757	1457	1199	983	805	424
DROP INCHES		.00	-.70	-2.91	-12.45	-29.90	-56.92	-95.54	148.34	-570.48
BULLET PATH	(100 YDS)	-1.50	.01	.00	-5.12	-18.17	-40.77	-74.98	123.37	-527.86
INCHES	(200 YDS)	-1.50	1.29	2.56	.00	-10.49	-30.53	-62.18	108.00	-502.25
(ZERO RANGE)	(300 YDS)	-1.50	3.04	6.06	6.99	.00	-16.55	-44.70	-87.03	-467.30
	(400 YDS)	-1.50	5.10	10.19	15.26	12.41	.00	-24.02	-62.21	-425.93
MPBR ZERO	(255 YDS)	-1.50	2.21	4.40	3.68	-4.97	-23.17	-52.98	-96.97	-483.85
WIND DRIFT	(10 MPH)	.00	.23	.93	3.89	9.15	17.06	27.98	42.26	136.07
INCHES	(20 MPH)	.00	.46	1.86	7.77	18.30	34.12	55.95	84.51	272.14

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 245 YARDS.										
VELOCITY FPS		2400	2297	2198	2006	1823	1652	1495	1354	1004
ENERGY FT-LB		2301	2110	1931	1608	1328	1091	893	733	403
DROP INCHES		.00	-.76	-3.16	-13.54	-32.57	-62.08	104.36	162.24	-622.86
BULLET PATH	(100 YDS)	-1.50	.07	.00	-5.71	-20.08	-44.93	-82.54	135.76	-577.71
INCHES	(200 YDS)	-1.50	1.50	2.85	.00	-11.51	-33.51	-68.26	118.63	-549.17
(ZERO RANGE)	(300 YDS)	-1.50	3.42	6.69	7.68	.00	-18.16	-49.07	-95.60	-510.79
	(400 YDS)	-1.50	5.69	11.23	16.75	13.62	.00	-26.38	-68.37	-465.40
MPBR ZERO	(245 YDS)	-1.50	2.32	4.49	3.27	-6.60	-26.96	-60.08	108.81	-532.80
WIND DRIFT	(10 MPH)	.00	.24	.99	4.13	9.73	18.16	29.76	44.88	141.81
INCHES	(20 MPH)	.00	.48	1.97	8.26	19.47	36.31	59.52	89.76	283.62

MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 235 YARDS.										
VELOCITY FPS		2300	2200	2103	1915	1738	1573	1424	1292	981
ENERGY FT-LB		2113	1934	1767	1466	1207	989	810	668	384
DROP INCHES		.00	-.83	-3.45	-14.78	-35.61	-67.97	114.42	178.06	-680.78
BULLET PATH	(100 YDS)	-1.50	.15	.00	-6.38	-22.26	-49.67	-91.17	149.86	-632.78
INCHES	(200 YDS)	-1.50	1.74	3.19	.00	-12.69	-36.91	-75.22	130.72	-600.88
(ZERO RANGE)	(300 YDS)	-1.50	3.86	7.42	8.46	.00	-19.99	-54.08	105.34	-558.59
	(400 YDS)	-1.50	6.36	12.42	18.46	15.00	.00	-29.08	-75.35	-508.60
MPBR ZERO	(235 YDS)	-1.50	2.44	4.58	2.78	-8.52	-31.35	-68.28	122.38	-586.99
WIND DRIFT	(10 MPH)	.00	.26	1.05	4.40	10.39	19.37	31.70	47.69	147.32
INCHES	(20 MPH)	.00	.51	2.10	8.80	20.77	38.73	63.40	95.37	294.65

MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 225 YARDS.										
VELOCITY FPS		2200	2102	2008	1825	1653	1496	1355	1234	958
ENERGY FT-LB		1934	1766	1611	1330	1092	895	734	609	367
DROP INCHES		.00	-.91	-3.78	-16.20	-39.09	-74.71	125.93	196.08	-744.59
BULLET PATH	(100 YDS)	-1.50	.23	.00	-7.15	-24.75	-55.10	101.04	165.91	-693.31
INCHES	(200 YDS)	-1.50	2.02	3.57	.00	-14.04	-40.81	-83.18	144.48	-657.59
(ZERO RANGE)	(300 YDS)	-1.50	4.36	8.25	9.36	.00	-22.10	-59.78	116.40	-610.80
	(400 YDS)	-1.50	7.12	13.78	20.41	16.57	.00	-32.16	-83.26	-555.55
MPBR ZERO	(225 YDS)	-1.50	2.56	4.66	2.18	-10.77	-36.46	-77.74	137.95	-646.71
WIND DRIFT	(10 MPH)	.00	.27	1.12	4.71	11.10	20.68	33.77	50.62	152.47
INCHES	(20 MPH)	.00	.55	2.24	9.41	22.21	41.36	67.54	101.25	304.94

MAXIMUM POINT BLANK RANGE IS 255 YARDS. SET ZERO AT 215 YARDS.										
VELOCITY FPS		2100	2005	1912	1735	1571	1422	1290	1181	937
ENERGY FT-LB		1762	1607	1461	1203	986	808	666	557	351
DROP INCHES		.00	-1.00	-4.15	-17.83	-43.09	-82.48	139.10	216.62	-814.61

BULLET PATH	(100 YDS)	-1.50	.33	.00	-8.03	-27.63	-61.36	112.34	184.20	-759.58
INCHES	(200 YDS)	-1.50	2.34	4.01	.00	-15.59	-45.31	-92.26	160.12	-719.44
(ZERO RANGE)	(300 YDS)	-1.50	4.94	9.21	10.39	.00	-24.52	-66.29	128.94	-667.48
	(400 YDS)	-1.50	8.00	15.34	22.65	18.39	.00	-35.63	-92.16	-606.17
MPBR ZERO	(215 YDS)	-1.50	2.70	4.73	1.44	-13.43	-42.43	-88.67	155.81	-712.26
WIND DRIFT	(10 MPH)	.00	.29	1.20	5.05	11.89	22.09	35.96	53.63	157.09
INCHES	(20 MPH)	.00	.59	2.40	10.09	23.78	44.19	71.91	107.26	314.18