

## .224 Dia., 40 Gr. Hornet

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 250 YARDS. SET ZERO AT 215 YARDS.										
VELOCITY FPS		3500	3052	2654	2300	1977	1708	1469	1120	949
ENERGY FT-LB		1087	827	625	470	347	259	191	111	80
DROP INCHES		.00	-.39	-1.71	-4.28	-8.50	-14.94	-24.39	-56.79	-116.73
BULLET PATH	(100 YDS)	-1.50	-.28	.00	-.96	-3.57	-8.42	-16.26	-45.45	-102.18
INCHES	(150 YDS)	-1.50	.04	.64	.00	-2.29	-6.82	-14.34	-42.89	-98.98
(ZERO RANGE)	(200 YDS)	-1.50	.61	1.79	1.72	.00	-3.95	-10.90	-38.30	-93.25
	(250 YDS)	-1.50	1.40	3.37	4.09	3.16	.00	-6.16	-31.98	-85.34
MPBR ZERO	(215 YDS)	-1.50	.83	2.21	2.36	.86	-2.88	-9.62	-36.59	-91.10
WIND DRIFT	(10 MPH)	.00	.54	2.28	5.42	10.26	17.09	26.22	52.69	89.23
INCHES	(20 MPH)	.00	1.08	4.56	10.84	20.52	34.18	52.44	105.38	178.47

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

VELOCITY FPS		3400	2962	2576	2228	1917	1654	1423	1095	936
ENERGY FT-LB		1026	779	589	441	326	243	179	106	77
DROP INCHES		.00	-.41	-1.81	-4.54	-9.02	-15.89	-25.95	-60.42	-123.67
BULLET PATH	(100 YDS)	-1.50	-.25	.00	-1.07	-3.89	-9.10	-17.50	-48.66	-108.60
INCHES	(150 YDS)	-1.50	.10	.71	.00	-2.47	-7.32	-15.37	-45.82	-105.04
(ZERO RANGE)	(200 YDS)	-1.50	.72	1.95	1.86	.00	-4.23	-11.66	-40.87	-98.86
	(250 YDS)	-1.50	1.57	3.64	4.39	3.39	.00	-6.58	-34.10	-90.40
MPBR ZERO	(210 YDS)	-1.50	.87	2.25	2.31	.60	-3.48	-10.76	-39.66	-97.35
WIND DRIFT	(10 MPH)	.00	.56	2.36	5.61	10.64	17.70	27.16	54.38	91.38
INCHES	(20 MPH)	.00	1.11	4.72	11.22	21.28	35.40	54.31	108.76	182.75

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

VELOCITY FPS		3300	2872	2497	2155	1857	1600	1377	1071	923
ENERGY FT-LB		967	732	554	412	306	227	168	102	75
DROP INCHES		.00	-.44	-1.93	-4.83	-9.61	-16.92	-27.65	-64.37	-131.12
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-1.18	-4.25	-9.85	-18.87	-52.16	-115.48
INCHES	(150 YDS)	-1.50	.17	.79	.00	-2.67	-7.88	-16.50	-49.00	-111.54
(ZERO RANGE)	(200 YDS)	-1.50	.84	2.12	2.00	.00	-4.54	-12.49	-43.66	-104.86
	(250 YDS)	-1.50	1.75	3.94	4.73	3.63	.00	-7.05	-36.40	-95.78
MPBR ZERO	(205 YDS)	-1.50	.92	2.28	2.24	.32	-4.14	-12.02	-43.02	-104.06
WIND DRIFT	(10 MPH)	.00	.58	2.44	5.82	11.04	18.36	28.15	56.12	93.53
INCHES	(20 MPH)	.00	1.16	4.88	11.64	22.08	36.72	56.31	112.24	187.06

MAXIMUM POINT BLANK RANGE IS 230 YARDS. SET ZERO AT 200 YARDS.

VELOCITY FPS		3200	2782	2418	2083	1797	1547	1333	1050	910
ENERGY FT-LB		909	687	519	385	286	212	157	97	73
DROP INCHES		.00	-.46	-2.05	-5.14	-10.24	-18.05	-29.52	-68.66	-139.10
BULLET PATH	(100 YDS)	-1.50	-.19	.00	-1.31	-4.64	-10.67	-20.36	-55.95	-122.83
INCHES	(150 YDS)	-1.50	.25	.87	.00	-2.89	-8.49	-17.74	-52.45	-118.47
(ZERO RANGE)	(200 YDS)	-1.50	.97	2.32	2.17	.00	-4.88	-13.41	-46.68	-111.25
	(250 YDS)	-1.50	1.95	4.27	5.09	3.90	.00	-7.56	-38.88	-101.50
MPBR ZERO	(200 YDS)	-1.50	.97	2.32	2.17	.00	-4.88	-13.41	-46.68	-111.25
WIND DRIFT	(10 MPH)	.00	.60	2.53	6.04	11.46	19.05	29.20	57.88	95.67
INCHES	(20 MPH)	.00	1.20	5.06	12.09	22.92	38.10	58.41	115.77	191.34

MAXIMUM POINT BLANK RANGE IS 225 YARDS. SET ZERO AT 195 YARDS.

VELOCITY FPS		3100	2695	2338	2009	1736	1494	1290	1029	898
ENERGY FT-LB		853	645	485	358	267	198	147	94	71
DROP INCHES		.00	-.49	-2.19	-5.49	-10.94	-19.30	-31.57	-73.33	-147.67
BULLET PATH	(100 YDS)	-1.50	-.15	.00	-1.45	-5.06	-11.57	-22.00	-60.07	-130.72
INCHES	(150 YDS)	-1.50	.34	.97	.00	-3.13	-9.15	-19.10	-56.20	-125.88
(ZERO RANGE)	(200 YDS)	-1.50	1.12	2.53	2.34	.00	-5.24	-14.41	-49.95	-118.06
	(250 YDS)	-1.50	2.17	4.63	5.49	4.20	.00	-8.11	-41.56	-107.58
MPBR ZERO	(195 YDS)	-1.50	1.03	2.35	2.07	-.36	-5.69	-14.95	-50.67	-118.96
WIND DRIFT	(10 MPH)	.00	.62	2.62	6.28	11.91	19.79	30.31	59.67	97.80
INCHES	(20 MPH)	.00	1.25	5.25	12.57	23.81	39.57	60.63	119.34	195.60

MAXIMUM POINT BLANK RANGE IS 220 YARDS. SET ZERO AT 190 YARDS.

VELOCITY FPS		3000	2609	2258	1942	1677	1442	1248	1010	886
ENERGY FT-LB		799	604	453	335	249	184	138	90	69
DROP INCHES		.00	-.53	-2.34	-5.87	-11.71	-20.67	-33.82	-78.40	-156.83
BULLET PATH	(100 YDS)	-1.50	-.11	.00	-1.61	-5.53	-12.57	-23.80	-64.54	-139.13
INCHES	(150 YDS)	-1.50	.43	1.07	.00	-3.39	-9.89	-20.59	-60.25	-133.77
(ZERO RANGE)	(200 YDS)	-1.50	1.28	2.77	2.54	.00	-5.65	-15.51	-53.48	-125.30
	(250 YDS)	-1.50	2.41	5.03	5.93	4.52	.00	-8.72	-44.43	-114.00
MPBR ZERO	(190 YDS)	-1.50	1.08	2.38	1.97	-.77	-6.61	-16.66	-55.01	-127.22
WIND DRIFT	(10 MPH)	.00	.65	2.72	6.54	12.38	20.56	31.47	61.46	99.89
INCHES	(20 MPH)	.00	1.29	5.44	13.08	24.75	41.13	62.94	122.92	199.78

RANGE YARDS MUZZLE 50 100 150 200 250 300 400 500

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

VELOCITY FPS		2900	2522	2178	1875	1617	1391	1209	992	874
ENERGY FT-LB		746	564	421	312	232	172	129	87	67
DROP INCHES		.00	-.56	-2.50	-6.29	-12.56	-22.18	-36.30	-83.90	-166.65
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-1.78	-6.05	-13.67	-25.79	-69.38	-148.13
INCHES	(150 YDS)	-1.50	.53	1.19	.00	-3.67	-10.69	-22.23	-64.63	-142.18
(ZERO RANGE)	(200 YDS)	-1.50	1.45	3.03	2.76	.00	-6.10	-16.72	-57.28	-133.00
	(250 YDS)	-1.50	2.67	5.47	6.42	4.88	.00	-9.39	-47.52	-120.80
MPBR ZERO	(185 YDS)	-1.50	1.14	2.41	1.84	-1.23	-7.63	-18.55	-59.73	-136.06
WIND DRIFT	(10 MPH)	.00	.67	2.83	6.81	12.87	21.38	32.68	63.24	101.94
INCHES	(20 MPH)	.00	1.33	5.65	13.62	25.74	42.77	65.35	126.48	203.87

MAXIMUM POINT BLANK RANGE IS 210 YARDS. SET ZERO AT 180 YARDS.

VELOCITY FPS		2800	2434	2097	1809	1558	1342	1172	974	863
ENERGY FT-LB		696	526	390	290	215	160	121	84	66
DROP INCHES		.00	-.60	-2.69	-6.75	-13.49	-23.84	-39.03	-89.85	-177.11
BULLET PATH	(100 YDS)	-1.50	-.01	.00	-1.97	-6.62	-14.88	-27.97	-74.61	-157.69
INCHES	(150 YDS)	-1.50	.65	1.32	.00	-3.99	-11.58	-24.02	-69.34	-151.10
(ZERO RANGE)	(200 YDS)	-1.50	1.64	3.31	2.99	.00	-6.60	-18.04	-61.36	-141.13
	(250 YDS)	-1.50	2.96	5.95	6.95	5.28	.00	-10.12	-50.81	-127.94
MPBR ZERO	(180 YDS)	-1.50	1.21	2.44	1.68	-1.74	-8.78	-20.66	-64.85	-145.49
WIND DRIFT	(10 MPH)	.00	.68	2.94	7.08	13.39	22.23	33.91	64.97	103.89
INCHES	(20 MPH)	.00	1.37	5.87	14.17	26.77	44.47	67.82	129.95	207.79

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

VELOCITY FPS		2700	2342	2013	1739	1497	1292	1135	956	850
ENERGY FT-LB		647	487	359	268	199	148	114	81	64
DROP INCHES		.00	-.65	-2.90	-7.30	-14.58	-25.78	-42.20	-96.64	-188.92
BULLET PATH	(100 YDS)	-1.50	.05	.00	-2.20	-7.29	-16.29	-30.50	-80.55	-168.43
INCHES	(150 YDS)	-1.50	.78	1.47	.00	-4.36	-12.62	-26.11	-74.69	-161.10
(ZERO RANGE)	(200 YDS)	-1.50	1.87	3.64	3.27	.00	-7.17	-19.57	-65.97	-150.21
	(250 YDS)	-1.50	3.30	6.51	7.57	5.74	.00	-10.96	-54.49	-135.86
MPBR ZERO	(175 YDS)	-1.50	1.28	2.47	1.51	-2.34	-10.10	-23.09	-70.66	-156.07
WIND DRIFT	(10 MPH)	.00	.72	3.10	7.44	14.03	23.27	35.35	66.90	106.04
INCHES	(20 MPH)	.00	1.44	6.20	14.88	28.06	46.53	70.69	133.79	212.09

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

VELOCITY FPS		2600	2250	1935	1670	1437	1244	1102	940	838
ENERGY FT-LB		600	449	332	247	183	137	107	78	62
DROP INCHES		.00	-.70	-3.14	-7.90	-15.80	-27.93	-45.69	103.99	-201.52
BULLET PATH	(100 YDS)	-1.50	.11	.00	-2.45	-8.03	-17.85	-33.28	-86.95	-179.84
INCHES	(150 YDS)	-1.50	.93	1.63	.00	-4.77	-13.77	-28.39	-80.42	-171.68
(ZERO RANGE)	(200 YDS)	-1.50	2.12	4.01	3.58	.00	-7.81	-21.24	-70.89	-159.77
	(250 YDS)	-1.50	3.68	7.14	8.26	6.25	.00	-11.87	-58.40	-144.15
MPBR ZERO	(170 YDS)	-1.50	1.36	2.50	1.30	-3.03	-11.60	-25.79	-76.95	-167.34
WIND DRIFT	(10 MPH)	.00	.76	3.28	7.81	14.71	24.34	36.79	68.74	108.07
INCHES	(20 MPH)	.00	1.52	6.55	15.62	29.42	48.67	73.59	137.49	216.14

MAXIMUM POINT BLANK RANGE IS 190 YARDS. SET ZERO AT 165 YARDS.

VELOCITY FPS		2500	2158	1858	1602	1379	1199	1072	923	826
--------------	--	------	------	------	------	------	------	------	-----	-----

ENERGY FT-LB		555	413	306	227	168	127	102	75	60
DROP INCHES		.00	-.76	-3.40	-8.58	-17.16	-30.34	-49.56	111.95	-215.00
BULLET PATH	(100 YDS)	-1.50	.19	.00	-2.72	-8.85	-19.58	-36.35	-93.84	-191.98
INCHES	(150 YDS)	-1.50	1.10	1.81	.00	-5.22	-15.04	-30.90	-86.58	-182.91
(ZERO RANGE)	(200 YDS)	-1.50	2.40	4.43	3.92	.00	-8.51	-23.07	-76.13	-169.85
	(250 YDS)	-1.50	4.11	7.83	9.03	6.81	.00	-12.85	-62.51	-152.83
MPBR ZERO	(165 YDS)	-1.50	1.45	2.52	1.06	-3.82	-13.28	-28.79	-83.77	-179.40
WIND DRIFT	(10 MPH)	.00	.81	3.46	8.20	15.42	25.44	38.23	70.50	109.95
INCHES	(20 MPH)	.00	1.61	6.91	16.40	30.84	50.87	76.47	141.00	219.91

MAXIMUM POINT BLANK RANGE IS 185 YARDS. SET ZERO AT 160 YARDS.

VELOCITY FPS		2400	2065	1783	1535	1323	1158	1045	908	814
ENERGY FT-LB		511	379	282	209	155	119	97	73	58
DROP INCHES		.00	-.83	-3.70	-9.33	-18.67	-33.00	-53.80	120.52	-229.34
BULLET PATH	(100 YDS)	-1.50	.27	.00	-3.03	-9.77	-21.49	-39.69	101.20	-204.82
INCHES	(150 YDS)	-1.50	1.28	2.02	.00	-5.73	-16.45	-33.64	-93.14	-194.74
(ZERO RANGE)	(200 YDS)	-1.50	2.71	4.88	4.30	.00	-9.28	-25.04	-81.67	-180.41
	(250 YDS)	-1.50	4.57	8.60	9.87	7.43	.00	-13.90	-66.82	-161.84
MPBR ZERO	(160 YDS)	-1.50	1.54	2.52	.76	-4.72	-15.18	-32.11	-91.10	-192.20
WIND DRIFT	(10 MPH)	.00	.86	3.63	8.60	16.15	26.54	39.61	72.10	111.63
INCHES	(20 MPH)	.00	1.71	7.26	17.20	32.30	53.07	79.22	144.20	223.26