

# Australian Outback Trajectory Data

## 300 AAC Blackout

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Trajectory charts have been calculated for the following conditions and will vary depending on the shooting environment.

Altitude: 0 feet or 0 metres  
 Temperature: 59°F or 15°C  
 Air Pressure: 29.53 in Hg or 1000 mbar  
 Humidity: 78%

<b>125gn Woodleigh PP</b> <b>G1 Ballistic Coefficient .270</b>	Range	Yards	0	50	100	150	200	250	300	350	400	450	500
	Velocity	f/s	2205	2058	1917	1782	1654	1534	1423	1322	1233	1158	1095
	Energy	ft-lb	1350	1176	1020	881	759	653	562	485	422	372	333
	Path	inches	-1.5	0.3	0.0	-2.7	-8.0	-16.6	-28.9	-45.5	-67	-94.2	-128

<b>125gn Sierra MatchKing</b> <b>G1 Ballistic Coefficient .349</b>	Range	Yards	0	50	100	150	200	250	300	350	400	450	500
	Velocity	f/s	2132	2016	1902	1792	1686	1585	1484	1391	1305	1229	1163
	Energy	ft-lb	1262	1129	1004	891	789	697	612	537	473	419	376
	Path	inches	-1.5	0.3	0.0	-2.7	-8.2	-16.7	-28.6	-44.5	-64.9	-90.4	-122

<b>144gn ADI FMJ</b> <b>G1 Ballistic Coefficient .399</b>	Range	Yards	0	50	100	150	200	250	300	350	400	450	500
	Velocity	f/s	2021	1926	1834	1744	1658	1576	1498	1424	1354	1290	1232
	Energy	ft-lb	1306	1186	1075	973	880	795	718	648	587	532	485
	Path	inches	-1.5	0.4	0.0	-3.0	-8.9	-17.9	-30.4	-46.8	-67.5	-93	-124

# Trajectory Data

<b>223 Remington 55gn Sierra BlitzKing</b>  <b>G1 Ballistic Coefficient .271</b>	Range	Yards	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
	Velocity	f/s	3277	3089	2905	2729	2559	2387	2221	2062	1901	1745	1595	1456	1332	1225	1137	1068	1014	970	932	899	869
	Energy	ft-lb	1312	1166	1031	910	800	696	603	519	441	372	311	259	217	183	158	139	126	115	106	99	92
	Path	inches	-1.5	0.4	1.3	1.2	0.0	-2.6	-6.7	-12.6	-20.5	-30.8	-44.0	-60.6	-81.3	-107	-138	-177	-222	-276	-340	-413	-498

<b>223 Remington 69gn Sierra MatchKing</b>  <b>G1 Ballistic Coefficient .301</b>	Range	Yards	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
	Velocity	f/s	2900	2746	2598	2455	2316	2182	2057	1937	1821	1710	1604	1504	1411	1326	1249	1181	1124	1076	1035	1000	970
	Energy	ft-lb	1289	1155	1034	923	822	730	649	575	508	448	394	347	305	269	239	214	194	177	164	153	144
	Path	inches	-1.5	0.8	1.8	1.6	0.0	-3.3	-8.4	-15.5	-25.0	-37.0	-52.1	-70.6	-92.9	-120	-151	-188	-232	-282	-340	-406	-480

<b>308 Winchester 150gn Swift Scirocco</b>  <b>G1 Ballistic Coefficient .430</b>	Range	Yards	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
	Velocity	f/s	2858	2750	2644	2541	2441	2339	2238	2139	2043	1950	1859	1771	1686	1605	1529	1456	1388	1324	1266	1212	1164
	Energy	ft-lb	2721	2519	2330	2152	1984	1823	1669	1525	1391	1267	1151	1045	947	858	779	707	642	584	534	489	451
	Path	inches	-1.5	0.7	1.7	1.5	0.0	-3.0	-7.6	-13.9	-22.2	-32.5	-45.1	-60.2	-78.1	-99	-123	-151	-183	-220	-262	-309	-362

<b>308 Winchester 165gn Sierra GameKing</b>  <b>G1 Ballistic Coefficient .404</b>	Range	Yards	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
	Velocity	f/s	2839	2725	2613	2504	2398	2295	2195	2098	2003	1911	1821	1734	1651	1572	1497	1427	1360	1299	1242	1191	1145
	Energy	ft-lb	2954	2720	2502	2298	2107	1931	1766	1613	1470	1338	1215	1102	999	905	821	746	678	618	565	519	481
	Path	inches	-1.5	0.7	1.8	1.6	0.0	-3.1	-7.9	-14.4	-23.0	-33.7	-46.8	-62.5	-81.1	-103	-128	-157	-191	-229	-272	-321	-376

<b>308 Winchester 168gn Sierra MatchKing</b>  <b>G1 Ballistic Coefficient .462</b>	Range	Yards	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
	Velocity	f/s	2760	2661	2564	2466	2371	2278	2187	2097	2006	1917	1830	1746	1665	1587	1509	1435	1366	1302	1243	1190	1143
	Energy	ft-lb	2842	2643	2453	2270	2098	1936	1784	1641	1501	1371	1249	1138	1034	939	850	769	696	632	577	528	488
	Path	inches	-1.5	0.8	1.9	1.7	0.0	-3.2	-8.1	-14.8	-23.5	-34.3	-47.5	-63.3	-82	-104	-129	-158	-191	-229	-272	-321	-376