

Russian 47mm/40 M.1901

| GUN ELEVATION (DEG) | TIME OF FLIGHT (SEC) | RANGE (METERS) | TERMINAL VELOCITY (M/SEC) | ANGLE OF DESCENT (DEG) |
|---------------------------|-------------------------------|-------------------|---------------------------------|---------------------------------|
| 1.00 | 2.52 | 1,308 | 391.60 | 1.82 |
| 1.25 | 2.98 | 1,481 | 365.10 | 2.25 |
| 1.50 | 3.43 | 1,640 | 344.81 | 2.71 |
| 1.75 | 3.87 | 1,786 | 329.38 | 3.18 |
| 2.00 | 4.29 | 1,922 | 317.37 | 3.67 |
| 2.25 | 4.70 | 2,050 | 307.63 | 4.15 |
| 2.50 | 5.10 | 2,170 | 299.44 | 4.64 |
| 2.75 | 5.48 | 2,284 | 292.38 | 5.12 |
| 3.00 | 5.86 | 2,393 | 286.23 | 5.61 |
| 3.25 | 6.23 | 2,498 | 280.81 | 6.09 |
| 3.50 | 6.60 | 2,598 | 276.00 | 6.57 |
| 3.75 | 6.95 | 2,695 | 271.65 | 7.05 |
| 4.00 | 7.31 | 2,789 | 267.62 | 7.53 |
| 4.25 | 7.65 | 2,880 | 263.86 | 8.01 |
| 4.50 | 7.99 | 2,968 | 260.35 | 8.49 |
| 4.75 | 8.33 | 3,054 | 257.06 | 8.96 |
| 5.00 | 8.66 | 3,137 | 253.97 | 9.44 |
| 5.25 | 8.99 | 3,218 | 251.06 | 9.91 |
| 5.50 | 9.31 | 3,298 | 248.32 | 10.39 |
| 5.75 | 9.63 | 3,375 | 245.73 | 10.86 |
| 6.00 | 9.95 | 3,451 | 243.28 | 11.34 |
| 6.25 | 10.27 | 3,525 | 240.97 | 11.81 |
| 6.50 | 10.58 | 3,598 | 238.76 | 12.28 |
| 6.75 | 10.89 | 3,669 | 236.65 | 12.75 |
| 7.00 | 11.20 | 3,739 | 234.62 | 13.23 |
| 7.25 | 11.50 | 3,807 | 232.67 | 13.70 |
| 7.50 | 11.80 | 3,875 | 230.80 | 14.17 |
| 7.75 | 12.10 | 3,940 | 229.00 | 14.64 |
| 8.00 | 12.40 | 4,005 | 227.28 | 15.11 |
| 8.25 | 12.69 | 4,069 | 225.62 | 15.58 |
| 8.50 | 12.99 | 4,131 | 224.02 | 16.06 |
| 8.75 | 13.28 | 4,193 | 222.48 | 16.53 |
| 9.00 | 13.57 | 4,253 | 221.01 | 17.00 |
| 9.25 | 13.86 | 4,313 | 219.58 | 17.47 |
| 9.50 | 14.14 | 4,372 | 218.22 | 17.94 |
| 9.75 | 14.43 | 4,429 | 216.90 | 18.41 |
| 10.00 | 14.71 | 4,486 | 215.64 | 18.87 |
| 10.25 | 14.99 | 4,542 | 214.42 | 19.34 |
| 10.50 | 15.27 | 4,597 | 213.25 | 19.81 |
| 10.75 | 15.55 | 4,651 | 212.12 | 20.28 |
| 11.00 | 15.83 | 4,705 | 211.04 | 20.74 |
| 11.25 | 16.11 | 4,757 | 210.00 | 21.21 |
| 11.50 | 16.38 | 4,809 | 208.99 | 21.67 |
| 11.75 | 16.66 | 4,860 | 208.03 | 22.14 |
| 12.00 | 16.93 | 4,911 | 207.11 | 22.60 |

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| 12.25 | 17.20 | 4,960 | 206.22 | 23.06 |
| 12.50 | 17.47 | 5,009 | 205.36 | 23.52 |
| 12.75 | 17.74 | 5,058 | 204.54 | 23.98 |
| 13.00 | 18.00 | 5,105 | 203.76 | 24.44 |
| 13.25 | 18.27 | 5,152 | 203.00 | 24.89 |
| 13.50 | 18.54 | 5,199 | 202.28 | 25.35 |
| 13.75 | 18.80 | 5,244 | 201.59 | 25.80 |
| 14.00 | 19.06 | 5,289 | 200.93 | 26.25 |
| 14.25 | 19.32 | 5,334 | 200.29 | 26.70 |
| 14.50 | 19.58 | 5,378 | 199.68 | 27.15 |
| 14.75 | 19.84 | 5,421 | 199.10 | 27.60 |
| 15.00 | 20.10 | 5,464 | 198.55 | 28.04 |
| 15.25 | 20.36 | 5,506 | 198.02 | 28.49 |
| 15.50 | 20.62 | 5,547 | 197.52 | 28.93 |
| 15.75 | 20.87 | 5,588 | 197.04 | 29.37 |
| 16.00 | 21.13 | 5,629 | 196.58 | 29.81 |
| 16.25 | 21.38 | 5,669 | 196.14 | 30.24 |
| 16.50 | 21.64 | 5,708 | 195.73 | 30.67 |
| 16.75 | 21.89 | 5,747 | 195.34 | 31.11 |
| 17.00 | 22.14 | 5,785 | 194.97 | 31.54 |
| 17.25 | 22.39 | 5,823 | 194.62 | 31.96 |
| 17.50 | 22.64 | 5,861 | 194.29 | 32.39 |
| 17.75 | 22.89 | 5,897 | 193.98 | 32.81 |
| 18.00 | 23.13 | 5,934 | 193.68 | 33.23 |
| 18.25 | 23.38 | 5,970 | 193.41 | 33.65 |
| 18.50 | 23.63 | 6,005 | 193.15 | 34.06 |
| 18.75 | 23.87 | 6,040 | 192.91 | 34.48 |
| 19.00 | 24.12 | 6,074 | 192.69 | 34.89 |
| 19.25 | 24.36 | 6,108 | 192.48 | 35.30 |
| 19.50 | 24.60 | 6,142 | 192.29 | 35.70 |
| 19.75 | 24.85 | 6,175 | 192.11 | 36.10 |
| 20.00 | 25.09 | 6,207 | 191.95 | 36.50 |
| 20.25 | 25.33 | 6,240 | 191.81 | 36.90 |
| 20.50 | 25.57 | 6,271 | 191.67 | 37.30 |
| 20.75 | 25.81 | 6,302 | 191.56 | 37.69 |
| 21.00 | 26.04 | 6,333 | 191.45 | 38.08 |
| 21.25 | 26.28 | 6,364 | 191.36 | 38.47 |
| 21.50 | 26.52 | 6,394 | 191.28 | 38.85 |
| 21.75 | 26.75 | 6,423 | 191.21 | 39.24 |
| 22.00 | 26.99 | 6,452 | 191.16 | 39.62 |
| 22.25 | 27.22 | 6,481 | 191.11 | 39.99 |
| 22.50 | 27.46 | 6,509 | 191.08 | 40.37 |
| 22.75 | 27.69 | 6,537 | 191.06 | 40.74 |
| 23.00 | 27.92 | 6,564 | 191.05 | 41.11 |
| 23.25 | 28.15 | 6,591 | 191.05 | 41.48 |
| 23.50 | 28.39 | 6,618 | 191.06 | 41.84 |
| 23.75 | 28.62 | 6,644 | 191.08 | 42.20 |
| 24.00 | 28.85 | 6,670 | 191.11 | 42.56 |
| 24.25 | 29.08 | 6,695 | 191.14 | 42.91 |
| 24.50 | 29.30 | 6,720 | 191.19 | 43.27 |
| 24.75 | 29.53 | 6,745 | 191.25 | 43.62 |
| 25.00 | 29.76 | 6,769 | 191.31 | 43.97 |

