BLACK POWDER WEAPONS

| Roll | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Roll |
|---------|-------------------------------------|-------------------------------------|--|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------|-------------------------------|-----------------------------|---------|
| | None 87 58 44 | Heavy Cloth 84 56 42 | Soft Leather 81 54 41 | Hide Scale 75 50 38 | Laminar | Rigid Leather 72 48 36 | Metal Scale 69 46 35 | Mail 66 44 33 | Segment Metal 57 38 29 | Plate 51 34 26 | 1 |
| 173-175 | 29FP 22 19 15 | 28FP 21 19 14 | 27FP 20 18 14 | 25FP 19 17 13 69 46 35 | 24FP 18 16 12 | 24FP 18 16 12 66 44 33 | 23FP 17 15 12 | 22FP 17 15 11 | 19EP 14 13 10 | 17EP 13 11 9 | 173-175 |
| 170-172 | 27FP 20 18 14 | 78 52 39 26FP 20 17 13 | 25FP 19 17 13 | 23FP 17 15 12 | 66 44 33 22FP 17 15 11 | 22FP 17 15 11 | 21FP 16 14 11 | 60 40 30 20FP 15 13 10 | 17EP 13 11 9 | 45 30 23 15EP 11 10 8 | 170-172 |
| 167-169 | 75 50 38 25EP 19 17 13 | 72 48 36 24EP 18 16 12 | 69 46 35 23EP 17 15 12 | 63 42 32 21EP 16 14 11 | 60 40 30 20EP 15 13 10 | 60 40 30 20EP 15 13 10 | 57 38 29 19EP 14 13 10 | 54 36 27 18EP 14 12 9 | 45 30 23 15DP 11 10 8 | 39 26 20 13DP 10 9 7 | 167-169 |
| 164-166 | 72 48 36 24EP 18 16 12 | 69 46 35 23EP 17 15 12 | 66 44 33 22EP 17 15 11 | 60 40 30 20EP 15 13 10 | 57 38 29 19EP 14 13 10 | 57 38 29 19EP 14 13 10 | 54 36 27 18EP 14 12 9 | 51 34 26 17EP 13 11 9 | 42 28 21 14DP 11 9 7 | 36 24 18 12DP 9 8 6 | 164-166 |
| 161-163 | 72 48 36 24EP 18 16 12 | 69 46 35 23EP | 66 44 33 22EP | 60 40 30 20EP | 57 38 29 19EP | 57 38 29 19EP | 54 36 27 18EP | 51 34 26 17EP | 42 28 21 14DP | 36 24 18 12DP 9 8 6 | 161-163 |
| 158-160 | 69 46 35 23EP | 66 44 33 22EP | 63 42 32 21EP | 57 38 29 19EP | 54 36 27 18EP | 54 36 27 18EP | 51 34 26 17EP | 48 32 24 16EP | 42 28 21 14DP | 36 24 18 12DP | 158-160 |
| 155-157 | 69 46 35 23EP | 66 44 33 22EP | 63 42 32 21EP | 57 38 29 19EP | 54 36 27 18EP | 54 36 27 18EP 14 12 9 | 51 34 26 17EP | 48 32 24 16EP | 39 26 20 13DP | 33 22 17 11CP | 155-157 |
| 152-154 | 66 44 33 22EP | 63 42 32 21EP | 60 40 30 20EP | 54 36 27 18EP 14 12 9 | 54 36 27 18EP | 54 36 27 18EP | 51 34 26 17EP | 48 32 24 16DP | 39 26 20 13CP | 33 22 17 11CP | 152-154 |
| 149-151 | 66 44 33 22EP | 63 42 32 21EP | 60 40 30 20EP | 54 36 27 18DP | 51 34 26 17DP | 51 34 26 17DP | 48 32 24 16DP | 45 30 23 15DP | 36 24 18 12CP | 33 22 17 11CP | 149-151 |
| 146-148 | 17 15 11 63 42 32 21DP | 16 14 11 60 40 30 20DP | 15 13 10 57 38 29 19DP | 54 36 27 18DP | 51 34 26 17DP | 51 34 26 17DP | 48 32 24 16DP | 45 30 23 15DP | 36 24 18 12CP | 33 22 17 11CP | 146-148 |
| 143-145 | 16 14 11 63 42 32 21DP | 15 13 10 60 40 30 20DP | 14 13 10 57 38 29 19DP | 51 34 26 17DP | 48 32 24 16DP | 48 32 24 16DP | 12 11 8 48 32 24 16DP | 11 10 8 45 30 23 15DP | 36 24 18 12CP | 30 20 15 10CP | 143-145 |
| 140-142 | 16 14 11 60 40 30 20DP | 15 13 10 57 38 29 19DP | 14 13 10 54 36 27 18DP | 13 11 9 51 34 26 17DP | 12 11 8 48 32 24 16DP | 12 11 8 48 32 24 16DP | 12 11 8 45 30 23 15DP | 11 10 8 42 28 21 14DP | 9 8 6 36 24 18 12CP | 8 / 5 30 20 15 10BP | 140-142 |
| 137-139 | 15 13 10 60 40 30 20DP | 14 13 10 57 38 29 19DP | 14 12 9 54 36 27 18DP | 48 32 24 16DP | 48 32 24 16DP | 48 32 24 16DP | 45 30 23 15DP | 11 9 7 42 28 21 14CP | 36 24 18 12BP | 30 20 15 10BP | 137-139 |
| 134-136 | 15 13 10 57 38 29 19DP | 14 13 10 54 36 27 18DP | 14 12 9 54 36 27 18DP 14 12 9 | 12 11 8 48 32 24 16DP | 12 11 8 45 30 23 15DP | 45 30 23 15CP | 11 10 8 42 28 21 14CP | 11 9 7 42 28 21 14CP | 33 22 17 11BP | 30 20 15 10BP | 134-136 |
| 131-133 | 14 13 10 57 38 29 19DP | 54 36 27 18DP | 51 34 26 17DP | 12 11 8 48 32 24 16CP | 11 10 8 45 30 23 15CP | 11 10 8 45 30 23 15CP | 42 28 21 14CP | 11 9 7 39 26 20 13CP | 8 7 6 33 22 17 11BP | 8 7 5 27 18 14 9BP | 131-133 |
| 128-130 | 14 13 10 54 36 27 18DP | 14 12 9 51 34 26 17DP | 13 11 9 51 34 26 17CP | 45 30 23 15CP | 42 28 21 14CP | 42 28 21 14CP | 11 9 7 42 28 21 14CP | 10 9 7 39 26 20 13CP | 33 22 17 11BP | 7 6 5 27 18 14 9AP | 128-130 |
| 125-127 | 14 12 9 54 36 27 18CP | 13 11 9 51 34 26 17CP | 13 11 9 48 32 24 16CP | 11 10 8 45 30 23 15CP | 11 9 7 42 28 21 14CP | 11 9 7 42 28 21 14CP | 11 9 7 39 26 20 13CP | 10 9 7 39 26 20 13CP | 8 7 6 30 20 15 10BP | 7 6 5 27 18 14 9AP | 125-127 |
| 122-124 | 14 12 9 51 34 26 17CP | 13 11 9 48 32 24 16CP | 12 11 8 48 32 24 16CP | 11 10 8 42 28 21 14CP | 11 9 7 42 28 21 14CP | 11 9 7 42 28 21 14CP | 10 9 7 39 26 20 13CP | 10 9 7 36 24 18 12BP | 8 7 5 30 20 15 10AP | 7 6 5 27 18 14 9AP | 122-124 |
| 119-121 | 13 11 9 51 34 26 17CP | 12 11 8 48 32 24 16CP | 12 11 8 45 30 23 15CP | 11 9 7 42 28 21 14CP | 11 9 7 39 26 20 13CP | 11 9 7 39 26 20 13CP | 10 9 7 39 26 20 13BP | 9 8 6 36 24 18 12BP | 8 7 5 30 20 15 10AP | 7 6 5 24 16 12 8AP | 119-121 |
| 116-118 | 13 11 9 48 32 24 16CP | 12 11 8 48 32 24 16CP | 11 10 8 45 30 23 15CP | 11 9 7 42 28 21 14CP | 10 9 7 39 26 20 13BP | 10 9 7 39 26 20 13BP | 10 9 7 36 24 18 12BP | 9 8 6 36 24 18 12BP | 8 7 5 30 20 15 10AP | 6 5 4 24 16 12 8AP | 116-118 |
| 113-115 | 12 11 8 48 32 24 16CP | 12 11 8 45 30 23 15CP | 11 10 8 42 28 21 14CP | 11 9 7 39 26 20 13BP | 10 9 7 36 24 18 12BP | 10 9 7 36 24 18 12BP | 9 8 6 36 24 18 12BP | 9 8 6 33 22 17 11BP | 8 7 5 27 18 14 9AP | 6 5 4 24 16 12 8AP | 113-115 |
| 110-112 | 12 11 8 45 30 23 15CP | 11 10 8 45 30 23 15CP | 11 9 7 42 28 21 14BP | 10 9 7 39 26 20 13BP | 9 8 6 36 24 18 12BP | 9 8 6 36 24 18 12BP | 9 8 6 33 22 17 11BP | 8 7 6 33 22 17 11BP | 7 6 5 27 18 14 9AP | 6 5 4 24 16 12 8 | 110-112 |
| 107-109 | 11 10 8 45 30 23 15CP | 11 10 8 42 28 21 14BP | 11 9 7 42 28 21 14BP | 10 9 7 36 24 18 12BP | 9 8 6 36 24 18 12BP | 9 8 6 36 24 18 12BP | 8 7 6 33 22 17 11BP | 8 7 6 30 20 15 10AP | 7 6 5 27 18 14 9AP | 6 5 4 21 14 11 7 | 107-109 |
| 104-106 | 11 10 8 42 28 21 14BP | 11 9 7 42 28 21 14BP | 11 9 7 39 26 20 13BP | 9 8 6 36 24 18 12BP | 9 8 6 33 22 17 11BP | 9 8 6 33 22 17 11BP | 8 7 6 33 22 17 11AP | 8 7 5 30 20 15 10AP | 7 6 5 24 16 12 8 | 5 5 4 21 14 11 7 | 104-106 |
| 101-103 | 11 9 7 42 28 21 14BP | 11 9 7 39 26 20 13BP | 10 9 7 39 26 20 13BP | 9 8 6 33 22 17 11BP | 8 7 6 33 22 17 11BP | 8 7 6 33 22 17 11AP | 8 7 6 30 20 15 10AP | 8 7 5 30 20 15 10AP | 6 5 4 24 16 12 8 | 5 5 4 21 14 11 7 | 101-103 |
| 98-100 | 11 9 7 39 26 20 13BP | 10 9 7 39 26 20 13BP | 10 9 7 36 24 18 12BP | 8 7 6 33 22 17 11BP | 8 7 6 33 22 17 11AP | 8 7 6 33 22 17 11AP | 8 7 5 30 20 15 10AP | 8 7 5 27 18 14 9AP | 6 5 4 24 16 12 8 | 5 5 4 21 14 11 7 | 98-100 |
| 95-97 | 10 9 7 39 26 20 13BP | 10 9 7 36 24 18 12BP | 9 8 6 36 24 18 12BP | 8 7 6 33 22 17 11AP | 8 7 6 30 20 15 10AP | 8 7 6 30 20 15 10AP | 8 7 5 30 20 15 10AP | 7 6 5 27 18 14 9AP | 6 5 4 21 14 11 7 | 5 5 4 18 12 9 6 | 95-97 |
| 92-94 | 10 9 7 36 24 18 12BP | 9 8 6 36 24 18 12BP | 9 8 6 33 22 17 11AP | 8 7 6 30 20 15 10AP | 8 7 5 30 20 15 10AP | 8 7 5 30 20 15 10AP | 8 7 5 27 18 14 9AP | 7 6 5 27 18 14 9 | 5 5 4 21 14 11 7 | 5 4 3 18 12 9 6 | 92-94 |
| 89-91 | 9 8 6 36 24 18 12BP | 9 8 6 33 22 17 11BP | 8 7 6 33 22 17 11AP | 8 7 5 30 20 15 10AP | 8 7 5 27 18 14 9AP | 8 7 5 27 18 14 9AP | 7 6 5 27 18 14 9 | 7 6 5 24 16 12 8 | 5 5 4 21 14 11 7 | 5 4 3 18 12 9 6 | 89-91 |
| 86-88 | 9 8 6 33 22 17 11AP | 8 7 6 33 22 17 11AP | 8 7 6 30 20 15 10AP | 8 7 5 27 18 14 9AP | 7 6 5 27 18 14 9AP | 7 6 5 27 18 14 9 | 7 6 5 24 16 12 8 | 6 5 4 24 16 12 8 | 5 5 4 21 14 11 7 | 5 4 3 18 12 9 6 | 86-88 |
| 83-85 | 8 7 6 33 22 17 11AP | 8 7 6 30 20 15 10AP | 8 7 5 30 20 15 10AP | 7 6 5 27 18 14 9AP | 7 6 5 27 18 14 9 | 7 6 5 27 18 14 9 | 6 5 4 24 16 12 8 | 6 5 4 24 16 12 8 | 5 5 4 18 12 9 6 | 5 4 3 15 10 8 5 | 83-85 |
| 80-82 | 8 7 6 30 20 15 10AP | 8 7 5 30 20 15 10AP | 8 7 5 27 18 14 9AP | 7 6 5 27 18 14 9 | 7 6 5 24 16 12 8 | 7 6 5 24 16 12 8 | 6 5 4 24 16 12 8 | 6 5 4 21 14 11 7 | 5 4 3 18 12 9 6 | 4 3 3 15 10 8 5 | 80-82 |
| 77-79 | 8 7 5 30 20 15 10AP | 8 7 5 27 18 14 9AP | 7 6 5 27 18 14 9AP | 7 6 5 24 16 12 8 | 6 5 4 24 16 12 8 | 6 5 4 24 16 12 8 | 6 5 4 21 14 11 7 | 5 5 4 21 14 11 7 | 5 4 3 18 12 9 6 | 4 3 3 15 10 8 5 | 77-79 |
| 74-76 | 8 7 5 27 18 14 9AP | 7 6 5 27 18 14 9AP | 7 6 5 27 18 14 9 | 6 5 4 24 16 12 8 | 6 5 4 21 14 11 7 | 6 5 4 21 14 11 7 | 5 5 4 21 14 11 7 | 5 5 4 21 14 11 7 | 5 4 3 15 10 8 5 | 4 3 3 15 10 8 5 | 74-76 |
| 71-73 | 7 6 5 27 18 14 9AP | 7 6 5 | 7 6 5 24 16 12 8 | 6 5 4 21 14 11 7 | 5 5 4 21 14 11 7 | 5 5 4 21 14 11 7 | 5 5 4 21 14 11 7 | 5 5 4 18 12 9 6 | 4 3 3 15 10 8 5 | 4 3 3 12 8 6 4 | 71-73 |
| 68-70 | 7 6 5 24 16 12 8AP | 6 5 4 24 16 12 8 | 6 5 4 24 16 12 8 | 5 5 4 21 14 11 7 | 5 5 4 21 14 11 7 | 5 5 4 21 14 11 7 | 5 5 4 18 12 9 6 | 5 4 3 18 12 9 6 | 4 3 3 15 10 8 | 3 3 2 12 8 6 4 | 68-70 |
| 65-67 | 6 5 4 21 14 11 7 | 6 5 4 21 14 11 7 | 6 5 4 18 12 9 6 | 5 5 4 18 12 9 6 | 5 5 4 15 10 8 5 | 5 5 4 15 10 8 | 5 4 3 15 10 8 | 5 4 3 15 10 8 5 | 4 3 3 12 8 6 4 | 3 3 2 9 6 5 3 | 65-67 |
| 03-07 | 5 5 4 | 5 5 4 | 5 4 3 | 5 4 3 | 4 3 3 | 4 3 3 | 4 3 3 | 4 3 3 | 3 3 2 | 2 2 2 | 05-07 |

Criticals: Puncture (P), Impact (I), Unbalancing (U)

| Disarm Modifier: | not applicable |
|-------------------|----------------|
| Subdual Modifier: | not applicable |

Large Cannon ***

| | Point Blank (+2 | Short (+0) | Medium (-10) | Long (-25) | Extreme (-50) | Absurd (-100) | Fumble | Size | Reload (# AP) | Secondary Crit. |
|-----------------------|-----------------|------------|--------------|------------|---------------|---------------|--------|------|---------------|-----------------|
| Black Powder Firearms | | | | | | | | | | |
| Black Powder Pistol | 10 | 15 | 20 | 25 | 30 | 50 | 5 | -1 | 3 | U |
| Black Powder Rifle | 10 | 30 | 40 | 50 | 60 | 100 | 5 | - | 3 | U |
| Blunderbuss * | 5 | 10 | 15 | 20 | 25 | 30 | 6 | 1 | 4 | U |
| Hand Cannon | 5 | 10 | 20 | 40 | 60 | 80 | 6 | 2 | 5 | Ι |
| Cmall Caman ** | - 5 | 20 | 40 | 60 | 90 | 100 | - | 2 | 0 | т |

* Attacks in a 30 degree cone. For each range increment beyond medium, -1 size. Big (medium range) -> Medium (long range) etc.

40 60 80 120 150 5 3 16 I

** Anyone within 5' of a target struck takes takes -2 size damage and critical.

** Anyone within 10' of a target struck takes takes -1 size damage and critical.

