



45-70 Government (Trapdoor Rifles)

.458"	45 JHP
Weight (grains)	300
Ballistic Coefficient	0.206
Sectional Density	0.204
COAL Tested	2.530"
Speer Part No.	2482

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Alliant Reloder 7	Winchester	CCI 200	38.0	1667	42.0	1771
Vihtavuori N133	Winchester	CCI 200	47.0	1623	49.0	1742
IMR 4198	Winchester	CCI 200	36.0	1530	38.0	1731
Hodgdon H4895	Winchester	CCI 200	52.0	1490	56.0	1711
Accurate 2015	Winchester	CCI 200	45.0	1587	49.0	1685
Alliant Reloder 10X	Winchester	CCI 200	40.0	1555	44.0	1678
IMR 3031	Winchester	CCI 200	50.0	1470	54.0	1677
IMR 4064	Winchester	CCI 200	53.0	1577	55.0	1668
Hodgdon Varget	Winchester	CCI 200	51.0	1503	55.0	1662
IMR 4895	Winchester	CCI 200	50.0	1463	54.0	1649
Hodgdon BENCHMARK	Winchester	CCI 200	49.0	1575	51.0	1648
Hodgdon H322	Winchester	CCI 200	49.0	1520	51.0	1571
IMR 4227	Winchester	CCI 200	30.0	1456	32.0	1543
Accurate 5744	Winchester	CCI 200	30.0	1367	34.0	1534
IMR SR 4759	Winchester	CCI 200	26.0	1361	28.0	1486

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Maximum loads should be used with CAUTION • C = Compressed Load



45-70 Government (Trapdoor Actions)

.458"	45
	SPFN Hot-Cor®
Weight (grains)	350
Ballistic Coefficient	0.218
Sectional Density	0.238
COAL Tested	2.715"
Speer Part No.	2478

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Accurate 2015	Winchester	CCI 200	46.0	1520	50.0	1713
Hodgdon BENCHMARK	Winchester	CCI 200	47.0	1551	51.0	1699
Vihtavuori N133	Winchester	CCI 200	44.0	1479	48.0	1699
IMR 8208	Winchester	CCI 200	47.0	1555	50.9	1697
IMR 4064	Winchester	CCI 200	51.0	1516	55.0	1633
Hodgdon H4895	Winchester	CCI 200	48.0	1464	52.0	1626
IMR 4198	Winchester	CCI 200	32.0	1427	36.0	1609
IMR 3031	Winchester	CCI 200	48.0	1397	52.0	1587
IMR 4166	Winchester	CCI 200	41.0	1402	45.0	1528
Alliant Reloder 10X	Winchester	CCI 200	32.0	1355	36.0	1485
IMR SR 4759	Winchester	CCI 200	26.0	1381	30.0	1468
Alliant Reloder 7	Winchester	CCI 200	31.0	1303	35.0	1463

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45-70 Government (Trapdoor Rifles)

.458"	45 SPFN
Weight (grains)	400
Ballistic Coefficient	0.259
Sectional Density	0.272
COAL Tested	2.540"
Speer Part No.	2479

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Winchester 748	Winchester	CCI 250	55.0	1667	59.0 C	1795
Vihtavuori N133	Winchester	CCI 200	43.0	1521	47.0	1747
Alliant AR-Comp	Winchester	CCI 200	47.5	1565	51.0	1720
Hodgdon H4895	Winchester	CCI 200	49.0	1539	53.0 C	1709
Alliant Power Pro Varmint	Winchester	CCI 200	48.0	1554	52.8	1682
Accurate 2015	Winchester	CCI 200	42.0	1438	46.0	1621
IMR 8208	Winchester	CCI 200	46.0	1466	50.0	1599
IMR 3031	Winchester	CCI 200	45.0	1396	49.0	1586
Hodgdon BENCHMARK	Winchester	CCI 200	44.5	1427	48.4	1580
IMR 4064	Winchester	CCI 200	47.0	1398	51.0	1506
Alliant Reloder 10X	Winchester	CCI 200	35.0	1318	39.0	1469
IMR 4166	Winchester	CCI 200	37.0	1202	41.4	1379
IMR 4198	Winchester	CCI 200	30.0	1206	34.0	1360
Hodgdon H322	Winchester	CCI 200	37.0	1100	41.0	1294

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45-70 Government (Lever Actions)

.458"	45 JHP
Weight (grains)	300
Ballistic Coefficient	0.206
Sectional Density	0.204
COAL Tested	2.530"
Speer Part No.	2482

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
IMR 8208	Winchester	CCI 200	59.5	1927	63.4	2115
Hodgdon BENCHMARK	Winchester	CCI 200	58.0	1915	62.4	2114
Alliant Reloder 7	Winchester	CCI 200	43.0	1852	47.0	2011
Hodgdon H4895	Winchester	CCI 200	58.0	1739	62.0	1987
IMR 4166	Winchester	CCI 200	53.0	1783	59.0	1982
Hodgdon Varget	Winchester	CCI 200	57.0	1794	61.0	1976
Alliant Reloder 10X	Winchester	CCI 200	48.0	1837	52.0	1973
Hodgdon H322	Winchester	CCI 200	52.0	1675	56.0	1951
IMR 4895	Winchester	CCI 200	57.0	1723	61.0	1924
IMR 3031	Winchester	CCI 200	55.0	1690	59.0	1918
Vihtavuori N133	Winchester	CCI 200	50.0	1692	54.0	1915
IMR 4064	Winchester	CCI 200	57.0	1733	61.0	1908
XMR 2015	Winchester	CCI 200	51.0	1706	55.0	1878
IMR 4320	Winchester	CCI 200	55.0	1581	59.0	1827
IMR 4198	Winchester	CCI 200	39.0	1609	43.0	1765
XMP 5744	Winchester	CCI 200	36.0	1559	40.0	1745
IMR SR 4759	Winchester	CCI 200	29.0	1481	31.0	1603

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45-70 Government (Lever Actions)

.458"	45 SPFN
Weight (grains)	400
Ballistic Coefficient	0.259
Sectional Density	0.272
COAL Tested	2.540"
Speer Part No.	2479

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Alliant AR-Comp	Winchester	CCI 200	53.0	1803	56.0	1933
Hodgdon H335	Winchester	CCI 250	54.0	1724	58.0	1876
Accurate 2015	Winchester	CCI 200	48.0	1685	52.0	1871
Alliant Power Pro Varmint	Winchester	CCI 200	55.0	1733	59.0	1868
Vihtavuori N133	Winchester	CCI 200	47.0	1672	51.0	1847
Winchester 748	Winchester	CCI 250	58.0	1679	62.0 C	1839
Hodgdon H4895	Winchester	CCI 200	52.0	1669	56.0 C	1829
IMR 8208	Winchester	CCI 200	50.5	1610	54.5	1791
Hodgdon BENCHMARK	Winchester	CCI 200	49.5	1604	53.5	1785
IMR 4064	Winchester	CCI 200	51.0	1550	55.0	1720
IMR 3031	Winchester	CCI 200	49.0	1538	53.0	1706
Hodgdon H322	Winchester	CCI 200	45.0	1431	49.0	1652
Alliant Reloder 10X	Winchester	CCI 200	40.0	1483	44.0	1641
IMR 4320	Winchester	CCI 200	49.0	1442	53.0	1615
IMR 4166	Winchester	CCI 200	43.5	1443	47.8	1601
IMR 4198	Winchester	CCI 200	36.0	1361	40.0	1595
IMR SR 4759 (reduced load)	Winchester	CCI 200	26.0	1172	30.0	1343

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45-70 Government (Strong Actions)

.458"	45 JHP
Weight (grains)	300
Ballistic Coefficient	0.206
Sectional Density	0.204
COAL Tested	2.530"
Speer Part No.	2482

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Vihtavuori N133	Winchester	CCI 200	56.0	1982	60.0	2202
Alliant Reloder 10X	Winchester	CCI 200	53.0	2015	57.0	2167
Hodgdon H322	Winchester	CCI 200	57.0	1929	61.0 C	2145
Hodgdon BENCHMARK	Winchester	CCI 200	57.0	1912	61.0	2139
Accurate 2015	Winchester	CCI 200	57.0	1930	61.0	2120
Hodgdon H4895	Winchester	CCI 200	62.0	2006	64.0 C	2115
Hodgdon Varget	Winchester	CCI 200	63.0	2018	65.0 C	2087
IMR 4895	Winchester	CCI 200	62.0	1961	64.0 C	2060
Alliant Reloder 7	Winchester	CCI 200	50.0	1873	54.0	2050
IMR 4320	Winchester	CCI 200	61.0	1909	65.0 C	2048
IMR 4198	Winchester	CCI 200	44.0	1817	48.0	2037
IMR 3031	Winchester	CCI 200	59.0	1929	61.0 C	2023
IMR 4064	Winchester	CCI 200	61.0	1891	63.0 C	2002

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	SPFN Hot-Cor®
Weight (grains)	350
Ballistic Coefficient	0.218
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COAL Tested	2.710"
Speer Part No.	2478

Propellant	Case	Primer	START CHARGE		MAXIMUM CHARGE	
			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
Accurate 2015	Winchester	CCI 200	54.0	1926	60.0	2146
Vihtavuori N133	Winchester	CCI 200	56.0	1943	60.0 C	2117
IMR 4198	Winchester	CCI 200	46.5	1941	51.5	2061
Hodgdon H4895	Winchester	CCI 200	57.0	1774	63.0 C	2030
IMR 3031	Winchester	CCI 200	55.0	1823	61.0 C	2027
Hodgdon H322	Winchester	CCI 200	54.0	1879	60.0	2027
IMR 4895	Winchester	CCI 200	55.0	1839	61.0 C	2027
Alliant Reloder 10X	Winchester	CCI 200	46.0	1893	50.0	1993
IMR 4064	Winchester	CCI 200	56.0	1675	62.0 C	1917
IMR 4320	Winchester	CCI 200	58.0	1751	62.0 C	1888
IMR SR 4759 (reduced load)	Winchester	CCI 200	28.0	1346	32.0	1503

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45-70 Government (Strong Actions)

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			Weight (grains)	Muzzle Velocity (feet/sec)	Weight (grains)	Muzzle Velocity (feet/sec)
IMR 8208	Winchester	CCI 200	58.0	1961	62.0	2107
Hodgdon BENCHMARK	Winchester	CCI 200	57.0	1969	61.0	2102
Accurate 2015	Winchester	CCI 200	52.0	1857	56.0 C	2029
Hodgdon H4895	Winchester	CCI 200	56.0	1836	60.0 C	2007
Vihtavuori N133	Winchester	CCI 200	51.0	1837	55.0	2005
Hodgdon H335	Winchester	CCI 250	58.0	1844	62.0 C	1964
IMR 4166	Winchester	CCI 200	54.0	1813	58.2	1951
Hodgdon H322	Winchester	CCI 200	51.0	1724	55.0	1935
Alliant Reloder 10X	Winchester	CCI 200	47.0	1774	51.0	1929
IMR 4198	Winchester	CCI 200	42.0	1631	46.0	1819
IMR 3031	Winchester	CCI 200	50.0	1565	54.0 C	1790
IMR 4064	Winchester	CCI 200	52.0	1601	56.0 C	1764
IMR 4320	Winchester	CCI 200	53.0	1615	57.0	1761
IMR SR 4759(reduced load))	Winchester	CCI 200	28.0	1349	32.0	1533

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