

FREE DROP HEIGHTS AND TERMINAL VELOCITIES

Drop Height [feet/(meters)]	Velocity [mph]	Velocity [fps/(m/s)]
0.134 ft/1.6"	2.0 mph	2.93 ft/sec
0.21 ft/2.5"	2.5 mph	3.67 ft/sec
0.5/ft/6"	3.87 mph	5.67 ft/sec
0.84 ft/10"	5.0 mph	7.33 ft/sec
1.0 ft/12"	5.47 mph	8.02 ft/sec
19.7 inches (0.5 meters)	7.0 mph	10.28 ft/sec (3.17 m/s)
2.0 ft/24"	7.74 mph	11.35 ft/sec
3.34 ft	10.0 mph	14.67 ft/sec
5.0 ft	12.23 mph	17.94 ft/sec
7.53 ft	15.0 mph	22.00 ft/sec
10.0 ft	17.3 mph	25.38 ft/sec
13.36 ft	20.0 mph	29.33 ft/sec
15.0 ft	21.19 mph	31.08 ft/sec
20.88 ft	25.0 mph	36.67 ft/sec
25.0 ft	27.36 mph	40.12 ft/sec
30.06 ft	30.0 mph	44.0 ft/sec
40.0 ft	34.61 mph	50.75 ft/sec
53.45 ft	40.0 mph	58.67 ft/sec

Formula: $V^2 = 2gh$