

Stopping Distances Table and Graphs

Road Grade	Day or Night	Weather	Driver	Speed (mph)	Speed (ft/sec)	Reaction Time (sec)	Reaction Distance (ft)	Braking Distance (ft)	Stopping Distance (ft)
Flat	Day	Clear	Normal	25	37	1.5	56	45	101
Flat	Day	Clear	Normal	55	81	1.5	122	170	292
Flat	Day	Clear	Normal	70	103	1.5	155	268	423
Flat	Night	Rain	Normal	25	37	2.0	74	60	134
Flat	Night	Rain	Normal	55	81	2.0	162	290	452
Flat	Night	Rain	Normal	70	103	2.0	206	430	636
Flat	Day	Clear	Impaired	25	37	2.5	93	45	138
Flat	Day	Clear	Impaired	55	81	2.5	203	170	373
Flat	Day	Clear	Impaired	70	103	2.5	258	268	526
Flat	Night	Snow	Impaired	25	37	3.0	111	120	231
Flat	Night	Snow	Impaired	55	81	3.0	243	650	893
Flat	Night	Snow	Impaired	70	103	3.0	309	1100	1409

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