

SPEED FROM SKIDMARK CHART

Friction / Distance / M.P.H.

$$S = \sqrt{30 \times d \times f}$$

ICE

Friction	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.	110 ft.	120 ft.	130 ft.	140 ft.	150 ft.	160 ft.
0.05	3.8	5.4	6.7	7.7	8.6	9.4	10.2	10.9	11.6	12.2	12.8	13.4	13.9	14.4	15.0	15.4
0.25	8.6	12.2	15.0	17.3	19.3	21.2	22.9	24.4	25.9	27.3	28.7	30.0	31.2	32.4	33.5	34.6

SNOW

Friction	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.	110 ft.	120 ft.	130 ft.	140 ft.	150 ft.	160 ft.
0.20	7.7	10.9	13.4	15.4	17.3	18.9	20.4	21.9	23.2	24.4	25.6	26.8	27.9	28.9	30.0	30.9
0.40	10.9	15.4	18.9	21.9	24.4	26.8	28.9	30.9	32.8	34.6	36.3	37.9	39.5	40.9	42.4	43.8

DIRT / GRAVEL

Friction	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.	110 ft.	120 ft.	130 ft.	140 ft.	150 ft.	160 ft.
0.40	10.9	15.4	18.9	21.9	24.4	26.8	28.9	30.9	32.8	34.6	36.3	37.9	39.5	40.9	42.4	43.8
0.60	13.4	18.9	23.2	26.8	30.0	32.8	35.5	37.9	40.2	42.4	44.5	46.4	48.3	50.2	51.9	53.6

WET ASPHALT / CEMENT

Friction	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.	110 ft.	120 ft.	130 ft.	140 ft.	150 ft.	160 ft.
0.50	12.2	17.3	21.2	24.4	27.3	30.0	32.4	34.6	36.7	38.7	40.6	42.4	44.1	45.8	47.4	48.9
0.70	14.4	20.4	25.1	28.9	32.4	35.5	38.3	40.9	43.4	45.8	48.0	50.2	52.2	54.2	56.1	57.9

DRY ASPHALT / CEMENT

Friction	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.	90 ft.	100 ft.	110 ft.	120 ft.	130 ft.	140 ft.	150 ft.	160 ft.
0.70	14.4	20.4	25.1	28.9	32.4	35.5	38.3	40.9	43.4	45.8	48.0	50.2	52.2	54.2	56.1	57.9
0.85	15.9	22.5	27.6	31.9	35.7	39.1	42.2	45.1	47.9	50.5	52.9	55.3	57.5	59.7	61.8	63.8