

Vehicle Damage Factor for 2 Axle Truck

Road Name : KOHIMA - JESSAMI (Section of NH – 150)
 Section From Km 0+000 To Km 132+000
 Location Km. 13+000
 Direction : Towards JESSAMI

Vehicle Type	Commodity	Front Wheel Load (KN)	Rear Wheel Load (KN)	Front Axle Load (KN)	Rear Axle Load (KN)	VDF
2 AXLE	Empty	1.92	1.52	3.840	3.040	0.13
2 AXLE	Empty	2.18	1.65	4.360	3.300	0.22
2 AXLE	Agricultural Product	2.58	4.55	5.160	9.100	1.92
2 AXLE	Milk, Poultry & Livestock	2.02	3.29	4.040	6.580	0.56
2 AXLE	Construction Material	2.18	4.94	4.360	9.880	2.34
2 AXLE	Milk, Poultry & Livestock	2.1	3.45	4.200	6.900	0.68
2 AXLE	Construction Material	2.56	4.52	5.120	9.040	1.87
2 AXLE	Consumer Goods / Merchandise	1.86	3.45	3.720	6.900	0.61
2 AXLE	Household Material	1.88	3.49	4.400	6.980	0.73
2 AXLE	Industrial Products (Fertilizar)	1.86	3.64	3.720	7.280	0.73
2 AXLE	Consumer Goods / Merchandise	2.34	4.01	4.680	8.020	1.19
2 AXLE	Agricultural Product	2.89	4.99	5.780	9.980	2.83
2 AXLE	Others	1.86	2.78	3.720	5.560	0.32
2 AXLE	Construction Material	2.24	4.54	4.480	9.080	1.75
2 AXLE	Construction Material	2.55	4.2	5.100	8.400	1.48
2 AXLE	Petroleum products	2.36	3.25	4.720	6.500	0.66
2 AXLE	Construction Material	2.25	5.1	4.500	10.200	2.66
2 AXLE	Construction Material	2.06	3.89	4.120	7.780	0.98
2 AXLE	Household Material	1.57	2.36	3.140	4.720	0.16
2 AXLE	Construction Material	1.82	3.35	3.640	6.700	0.55
					Average vdf	1.12

Vehicle Damage Factor for 2 Axle Truck

Road Name : KOHIMA - JESSAMI (Section of NH – 150)
 Section From Km 0+000 To Km 132+000
 Location Km. 13+000
 Direction : Towards KOHIMA

Vehicle Type	Commodity	Front Wheel Load (KN)	Rear Wheel Load (KN)	Front Axle Load (KN)	Rear Axle Load (KN)	VDF
2 AXLE	Forest Product	2.25	4.13	4.500	8.260	1.27
2 AXLE	Forest Product	1.78	3.78	3.560	7.560	0.82
2 AXLE	Forest Product	1.95	3.56	3.900	7.120	0.70
2 AXLE	Forest Product	1.87	3.45	3.740	6.900	0.61
2 AXLE	Forest Product	1.88	3.67	3.760	7.340	0.76
2 AXLE	Forest Product	1.94	3.97	3.880	7.940	1.02
2 AXLE	Milk, Poultry & Livestock	1.9	3.25	3.800	6.500	0.51
2 AXLE	Others	1.89	3.28	3.780	6.560	0.53
2 AXLE	Forest Product	2.25	3.86	4.400	7.720	1.00
2 AXLE	EMPTY	1.83	2.57	3.660	5.140	0.25
2 AXLE	Milk, Poultry & Livestock	1.92	3.44	3.840	6.880	0.62
2 AXLE	EMPTY	1.82	2.11	3.640	4.220	0.16
2 AXLE	EMPTY	1.8	3.05	3.600	6.100	0.40
					Average	0.67

Vehicle Damage Factor for LCV

Road Name : KOHIMA - JESSAMI (Section of NH – 150)
 Section From Km 0+000 To Km 132+000
 Location Km. 13+000
 Direction : Towards JESSAMI

Vehicle Type	Commodity	Front Wheel Load (KN)	Rear Wheel Load (KN)	Front Axle Load (KN)	Rear Axle Load (KN)	VDF
LCV	Empty	1.56	0.82	3.12	1.64	0.05
LCV	Empty	1.34	0.76	2.68	1.52	0.03
LCV	Consumer Goods / Merchandise	1.36	1.83	2.72	3.66	0.07
LCV	Petroleum products	2.4	2.85	4.8	5.7	0.52
LCV	Construction Material	1.39	1.65	2.78	3.3	0.06
LCV	Construction Material	1.98	2.08	3.96	4.16	0.20
LCV	EMPTY	1.95	2.8	3.9	5.6	0.34
					Average VDF	0.18

Vehicle Damage Factor for LCV

Road Name : KOHIMA - JESSAMI (Section of NH – 150)
 Section From Km 0+000 To Km 132+000
 Location Km. 13+000
 Direction : Towards Kohima

Vehicle Type	Commodity	Front Wheel Load (KN)	Rear Wheel Load (KN)	Front Axle Load (KN)	Rear Axle Load (KN)	VDF
LCV	Agricultural Product	1.79	2.36	3.58	4.72	0.20
LCV	Forest Product	1.9	2.48	3.8	4.96	0.25
LCV	Forest Product	1.91	2.99	3.82	5.98	0.40
LCV	Forest Product	1.84	2.56	3.68	5.12	0.25
LCV	Forest Product	1.87	2.31	3.74	4.62	0.21
LCV	Forest Product	1.68	2.59	3.36	5.18	0.23
LCV	Forest Product	1.56	2.54	3.12	5.08	0.20
LCV	Others	1.82	2.58	3.64	5.16	0.25
LCV	Milk, Poultry & Livestock	1.86	2.89	3.72	5.78	0.35
LCV	Forest Product	1.92	2.5	3.84	5	0.26
LCV	EMPTY	1.83	2.56	3.66	5.12	0.25
LCV	EMPTY	1.78	2.12	3.56	4.24	0.16
LCV	EMPTY	1.81	2.32	3.62	4.64	0.20
Average VDF						0.25

Vehicle Damage Factor for Bus

Road Name : KOHIMA - JESSAMI (Section of NH – 150)
 Section From Km 0+000 To Km 132+000
 Location Km. 13+000
 Direction : Towards JESSAMI

Vehicle Type	Commodity	Front Wheel Load (KN)	Rear Wheel Load (KN)	Front Axle Load (KN)	Rear Axle Load (KN)	VDF
BUS	FULL PASSENGER	2.2	3.02	4.4	6.04	0.50
BUS	FULL PASSENGER	2.01	3.79	4.02	7.58	0.88
BUS	FULL PASSENGER	1.78	3.12	3.56	6.24	0.43
BUS	FULL PASSENGER	1.9	2.91	3.8	5.82	0.37
BUS	FULL PASSENGER	1.91	2.42	3.82	4.84	0.24
BUS	FULL PASSENGER	1.92	2.19	3.84	4.38	0.20
					Average VDF	0.43

Vehicle Damage Factor for Bus

Road Name : KOHIMA - JESSAMI (Section of NH – 150)
 Section From Km 0+000 To Km 132+000
 Location Km. 13+000
 Direction : Towards KOHIMA

Vehicle Type	Commodity	Front Wheel Load (KN)	Rear Wheel Load (KN)	Front Axle Load (KN)	Rear Axle Load (KN)	VDF
BUS	FULL PASSENGER	1.82	3.31	3.64	6.62	0.53
BUS	FULL PASSENGER	1.91	2.78	3.82	5.56	0.33
BUS	FULL PASSENGER	1.8	3.21	3.6	-	#####
BUS	FULL PASSENGER	1.79	3.06	3.58	6.12	0.40
					Average VDF	#####