

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. 107+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	Construction Material	2.15	4.06	4.300	8.120	1.16
2 AXLE	Construction Material	2.24	4.42	4.480	8.840	1.59
2 AXLE	Construction Material	2.42	4.64	4.840	9.280	1.96
2 AXLE	Consumer Goods / Merchandise	2.1	4.08	4.200	8.160	1.16
2 AXLE	Milk, Poultry & Livestock	2.09	4.36	4.180	8.720	1.46
2 AXLE	Petroleum products	2.37	4.3	4.740	8.600	1.50
2 AXLE	Agricultural Products	2.71	4.06	5.420	8.120	1.44
2 AXLE	Forest Product	2.37	4.12	4.740	8.240	1.31
2 AXLE	Petroleum products	2.45	3.9	4.400	7.800	1.03
2 AXLE	Industrial Products (Fertilizer)	2.29	3.59	4.580	7.180	0.83
2 AXLE	Forest Product	2.42	3.93	4.840	7.860	1.15
2 AXLE	Milk, Poultry & Livestock	2.15	3.54	4.300	7.080	0.75
2 AXLE	Empty	2.05	1.58	4.100	3.160	0.17
2 AXLE	Agricultural Products	2.86	4.52	5.720	9.040	2.07
2 AXLE	Agricultural Products	2.75	4.33	5.500	8.660	1.75
					Average vdf	1.29

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.

107+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	Agricultural Products	2.64	3.95	5.280	7.900	1.29
2 AXLE	Agricultural Products	2.73	4.27	5.460	8.540	1.67
2 AXLE	Agricultural Products	2.91	4.17	5.820	8.340	1.70
2 AXLE	Milk, Poultry & Livestock	1.9	3.32	3.800	6.640	0.55
2 AXLE	Forest Product	2.52	4.26	5.040	8.520	1.53
2 AXLE	Milk, Poultry & Livestock	1.92	3.44	3.840	6.880	0.62
2 AXLE	Forest Product	2.65	3.8	5.300	7.600	1.17
2 AXLE	Empty	1.81	2.3	3.620	4.600	0.19
2 AXLE	Forest Product	2.59	3.53	4.400	7.060	0.76
2 AXLE	Milk, Poultry & Livestock	1.94	3.65	3.880	7.300	0.76
2 AXLE	Empty	1.8	2.23	3.600	4.460	0.18
2 AXLE	Empty	1.79	2.52	3.580	5.040	0.23
2 AXLE	Empty	1.81	2.58	3.620	5.160	0.25
2 AXLE	Empty	1.78	2.83	3.560	5.660	0.32

Average vdf 0.80

Vehicle Damage Factor for LCV

Road Name :

KOHIMA - JESSAMI (Section of NH – 150)

Section From

Km 0+000

To

Km 132+000

Location Km.

107+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	Consumer Goods / Merchandise	1.36	1.83	2.720	3.660	0.07
LCV	Household Material	1.49	2.48	2.980	4.960	0.18
LCV	Forest Product	1.77	2.53	3.540	5.060	0.23
LCV	Forest Product	1.98	3.41	3.960	6.820	0.62
LCV	Household Material	1.52	2.39	3.040	4.780	0.16
LCV	Forest Product	2.09	2.88	4.180	5.760	0.41
LCV	Forest Product	2.14	3.39	4.280	6.780	0.65
LCV	Milk, Poultry & Livestock	2.06	3.45	4.120	6.900	0.66
LCV	Empty	1.91	1.54	4.400	3.080	0.22
LCV	Consumer Goods / Merchandise	1.58	1.97	3.160	3.940	0.11
LCV	EMPTY	2.18	1.65	4.360	3.300	0.22
Average vdf						0.32

Vehicle Damage Factor for LCV

Road Name :

KOHIMA - JESSAMI (Section of NH – 150)

Section From

Km 0+000

To

Km 132+000

Location Km.

107+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	Forest Product	1.64	2.34	3.280	4.680	0.17
LCV	Forest Product	1.82	2.46	3.640	4.920	0.22
LCV	Forest Product	1.81	2.65	3.620	5.300	0.27
LCV	Empty	1.83	1.76	3.660	3.520	0.13
LCV	Forest Product	1.84	2.56	3.680	5.120	0.25
LCV	Forest Product	1.78	2.31	3.560	4.620	0.19
LCV	Empty	1.82	2.19	3.640	4.380	0.18
LCV	Empty	1.78	2.29	3.560	4.580	0.18
LCV	Empty	1.8	2.04	3.600	4.080	0.15
LCV	Empty	1.81	2.02	3.620	4.040	0.15

Average VDF 0.19

Vehicle Damage Factor for Bus

Road Name : KOHIMA - JESSAMI (Section of NH – 150)
 Section From Km 0+000 To Km 132+000
 Location Km. 107+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	3.640	6.620	0.53
BUS	-	1.91	2.78	3.820	5.560	0.33
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. 107+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	4.400	6.040	0.50
BUS	FULL PASSENGER	1.9	2.91	3.800	5.820	0.37
					Average vdf	0.43