



Calculating Your Vehicle Weights for Spring Transport



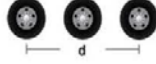





The following information is provided to assist in calculating your allowable vehicle weights during spring restrictions. Vehicles exceeding 4500kg gross vehicle weight (GVW) are subject to loading restrictions during the spring weight restriction (SWR) period.

New Brunswick highways, which are open to traffic, are assigned a rating of 100%, 90% or 80% during spring. This rating refers to the required reduction in axle loads when operating on the highway. It applies to the individual axle loading of all axles, excepting the steer axle, on your vehicle(s). The reduction is not applied directly against the GVW of the vehicle or the regulated highway GVW. A highway which is listed in regulation 2001-67 as a 43500 kg highway remains a 43500 kg highway throughout the SWR. If the highway is signed at 80% each axle group must be reduced to 80% of the “legal” axle loading specified for your vehicle configuration and the combined total of your axles (GVW) may not exceed 43500 kg.

The allowable axle mass on a highway posted at 100%, is often referred to as “legal axle loading”. The legal axle configurations and mass may be found under Schedule A of the NB Vehicle Mass and Dimension-Regulation 2001-67. The “legal” GVW of our highways may be found under Schedule B. You can access the regulation on line at: www.snb.ca , select Trucking and Transport, listed under Driving & Vehicles

Special move permits may be requested to exceed the GVW provided the vehicle is transporting indivisible, single piece loads, in compliance with the restricted axle loading. Please contact our Special Permits Office for more information at 506-453-2982 or by email at special.permits@gnb.ca

The following chart provides some examples of SWR axle loading: Please note that the combined axle loads may not exceed the “legal” GVW of the highway.

AXLE GROUP CONFIGURATION		LEGAL MASS NB 2001-67	SPRING THAW PERIOD MASS		
			80%	90%	100%
SINGLE AXLE <i>(Other Than Steer)</i>		9000 KG	7200 kg	8100 kg	9000 kg
TANDEM AXLE *Truck or Trailer	 $d \geq 1.2m$	18000 kg	14400 kg	16200 kg	18000 kg
TRIDEM AXLE (A) *Truck or Trailer	 $2.4 M \leq d \leq 3.0M$	21000 kg	16800 kg	18900 kg	21000 kg
TRIDEM AXLE (B) *Semi-Trailer	 $3.0 M \leq d \leq 3.6M$	24000 kg	19200 kg	21600 kg	24000 kg
TRIDEM AXLE (C) *Semi-Trailer	 $3.6 M < d \leq 3.7 M$	26000 kg	20800 kg	23400 kg	26000 kg
QUADREM AXLE (A) <i>(Schedule B – Part 3 56500 kg and Part 4 62500 kg Highways)</i>	 $B \geq 2.5 M$ $3M \leq c \leq 3.6M$	30500 kg	24400 kg	27450 kg	30500 kg
QUADREM AXLE (B) <i>(Schedule B – Part 3, 56500 kg and Part 4, 62500 kg Highways)</i>	 $B \geq 2.5 M$ $3.6 M < c \leq 3.7M$	32000 kg	25600 kg	28800 kg	32000 kg
QUADREM AXLE (A-B) <i>(Schedule B – Part 1, 43500 kg and Part 2, 50000 kg)</i>	 $B \geq 2.5 M$ $3.0 M \leq c \leq 3.7M$	26000 KG – General 28000 kg - Forestry	20800 kg 22400 kg	23400 kg 25200 kg	26000 kg 27500 kg

NOTE: Quadrem Trailers, represented above, must be equipped with a self-steer axle and must operate in accordance with the requirements of NB Regulation 2001-67, Section 12.

Need more help? Please contact our Special Permits Office at (506) 453- 2982 or by email at special.permits@gnb.ca if you have questions.