

WEIGHT! Don't overload the road

DEFINITIONS

Defined Word	Definition
A Dolly	A trailer converter dolly that is towed from a single hitch located on the centre line of the towing unit.
A Train	A combination of vehicles composed of a tractor, a semitrailer and either an A Dolly and a semitrailer or a full trailer attached to the lead semitrailer in a like manner as if an A Dolly were used.
Axle Spread	The longitudinal distance between the extreme axle centres of the axle group.
Axle Group	Any number of consecutive axles on a vehicle through which weight is intended to be equally distributed.
Axle Weight	The total weight transmitted to the highway by the axle or axle group.
B Train	A combination of vehicles composed of a tractor, a semitrailer, followed by another semitrailer attached to the first semitrailer by the means of a fifth wheel mounted on the rear of the first semitrailer.
Box Length	For a semitrailer, the distance from the front of the semitrailer to its rear, including any load, but excluding auxiliary equipment. For an A train, B train or C train, the distance from the front of the lead trailer to the rear of the last vehicle in the train, including any load. For a truck and trailer combination, the distance from the front of the cargo carrying area on the truck to the rear of the last vehicle being towed, including any load.
C Dolly	A trailer converter dolly, with a frame rigid in the horizontal plane that is towed from two hitches located in a horizontal transverse line on the towing unit, that precludes any rotation in the horizontal plane about the hitch points.
Approved C Dolly	A C dolly which satisfies all requirements of the Canadian Motor Vehicle Safety Standards applicable to such devices.
C Train	A combination of vehicles composed of a tractor, a semitrailer, followed by another full trailer attached to the first semitrailer by the means of a C Dolly.
Drawbar	Structural member of a full trailer, pony trailer or trailer converter dolly that includes a device for the purpose of coupling with a trailer hitch or fifth wheel.
Drawbar Length	The longitudinal distance from the centre of the hole in the fifth wheel of a converter dolly to the centre of the hitching device on the towing vehicle.
Effective Overhang	The longitudinal distance calculated from the rearmost truck centre to the rearmost point including load on the trailer, semitrailer or truck.
Farm Equipment	Equipment designed and used in farming operations but does not include a truck, semitrailer or trailer towed behind a truck or semitrailer, any loaded farm equipment or farm equipment towing something that is not farm equipment.
Fifth Wheel Offset	The longitudinal distance calculated from the centre of the hole for the kingpin in the fifth wheel/kingpin assembly to the centre of the supporting axle group immediately below the fifth wheel.
Full Trailer	A vehicle that is designed to be towed by another vehicle and is so designed and used that the whole of its weight and load is carried on its own axles. This includes a combination consisting of a semitrailer and a trailer converter dolly. The supporting axles are generally located at the front and rear of the trailer.
Gross Vehicle Weight	The total weight transmitted to the highway by a vehicle or combination of vehicles.
Height	The vertical distance from the highest point on the vehicle to the ground.
Hitch Offset	The longitudinal distance from the towing vehicle turn centre to the articulation point of the hitch or fifth wheel used to tow the trailing unit.
Interaxle Spacing	The longitudinal distance separating two axles or axle groups calculated from the centres of the two adjacent axles.
Kingpin Setback	The horizontal distance from the centre of the kingpin to any point on the semitrailer ahead of the kingpin including load but exclusive of any extension to the length caused by auxiliary equipment.
Overall Length	The greatest overall longitudinal dimension of a vehicle or combination of vehicles including load.
Pony Trailer	A vehicle that is designed to be towed by another vehicle, is equipped with a drawbar that is rigidly attached to the structure of the trailer, and is designed and used so that most of its weight and load is carried on its own axles.
Tractor Wheelbase	The longitudinal distance from the centre of the steering axle to the geometric centre of the drive axle group.
Semi-trailer	A vehicle that is designed to be towed by another vehicle and is so designed and used that a substantial part of its weight and load rests on or is carried by the other vehicle or a trailer converter dolly through a fifth wheel and kingpin combination.
Single Axle	One or more axles whose centres are less than one metre apart and excludes any axle within a tandem or tridem group.
Tandem Axle Group	An axle group containing two consecutive axles whose centres are not less than one metre and not more than 1.85 metres apart, and are attached to the vehicle in a manner which achieves equalized loading between the axles.
Track Width	The overall width of an axle across the outside edge of the tires.
Trailer Converter Dolly	A vehicle unit consisting of one or more axles, a fifth wheel and a drawbar used to convert a semi-trailer to a full trailer.
Trailer Wheelbase	The longitudinal distance from the centre of the kingpin of a semi-trailer, or the centre of the turntable of a full trailer, or the centre of the hitching device on a pony trailer, to the trailer turn centre.
Tridem Axle Group	An axle group containing three consecutive axles whose extreme centres are not less than 2.4 metres and not more than 3.7 metres apart, are equally spaced and are attached to the vehicle in a manner which achieves equalized loading among the three axles.
Truck	A motor vehicle that is either permanently fitted with a special purpose device, or is designed to and normally used for the conveyance of goods.
Turn Centre	The geometric centre of the axle group on a semi-trailer or the rear axle group on a truck, tractor or full trailer.
Width of Tire	The width of the tire as customarily measured and rated by manufacturers of motor vehicles and tires, and stamped on the side wall of the tire.
Winter Weight Season	The period from November 16 in one year up to and including the 14th day of March in the following year, unless the Winter Weights season is restricted by a Minister's Order during this period.

Winter Weights Not Allowed

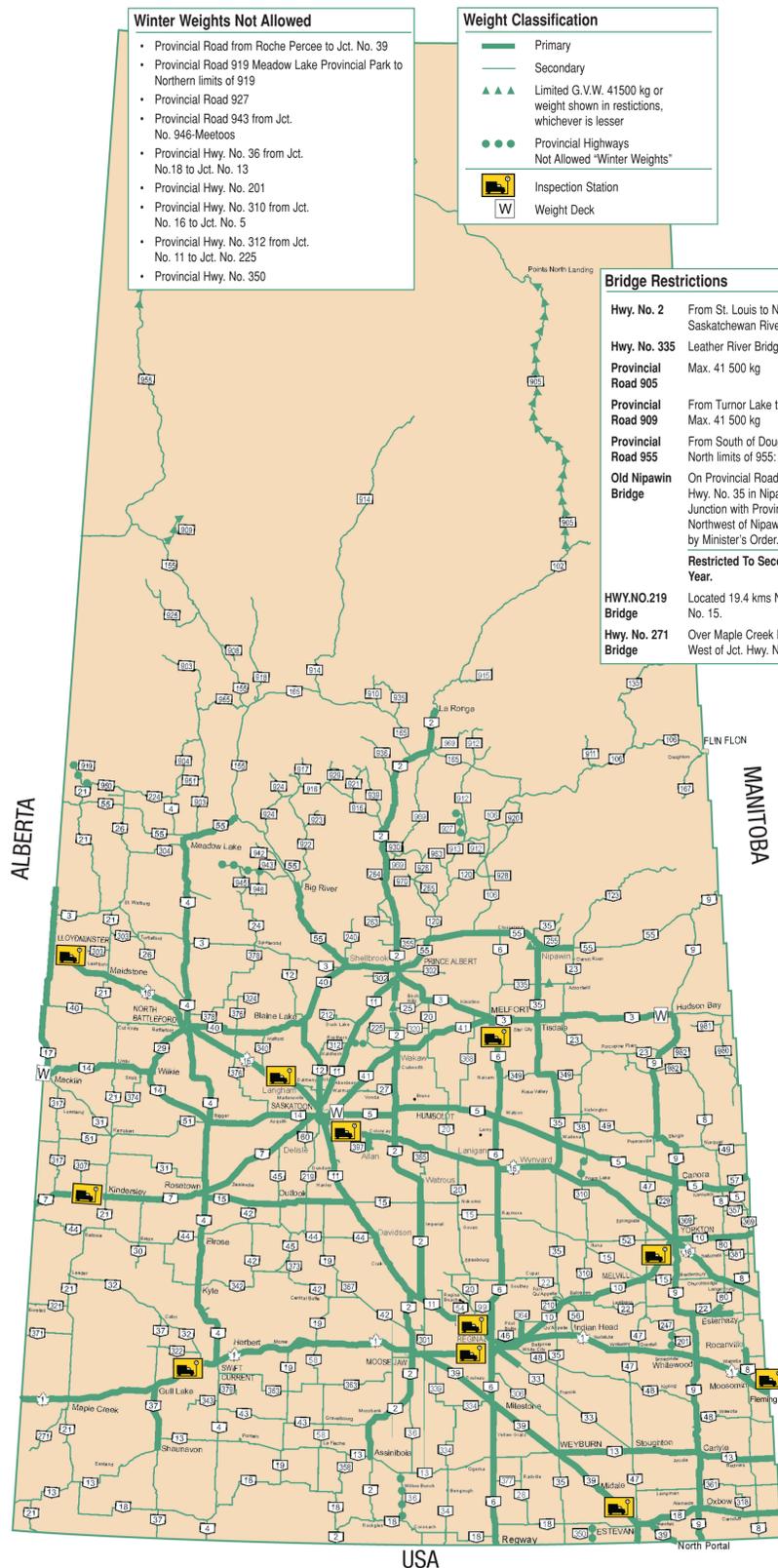
- Provincial Road from Roche Percee to Jct. No. 39
- Provincial Road 919 Meadow Lake Provincial Park to Northern limits of 919
- Provincial Road 927
- Provincial Road 943 from Jct. No. 946-Meetoos
- Provincial Hwy. No. 36 from Jct. No.18 to Jct. No. 13
- Provincial Hwy. No. 201
- Provincial Hwy. No. 310 from Jct. No. 16 to Jct. No. 5
- Provincial Hwy. No. 312 from Jct. No. 11 to Jct. No. 225
- Provincial Hwy. No. 350

Weight Classification

- Primary
- Secondary
- Limited G.V.W. 41500 kg or weight shown in restrictions, whichever is lesser
- Provincial Highways Not Allowed "Winter Weights"
- Inspection Station
- Weight Deck

Bridge Restrictions

- Hwy. No. 2** From St. Louis to North side South Saskatchewan River: Max. 34 500 kg
- Hwy. No. 335** Leather River Bridge: Max. 53 500 kg
- Provincial Road 905** Max. 41 500 kg
- Provincial Road 909** From Turnor Lake to East limits of 909 Max. 41 500 kg
- Provincial Road 955** From South of Douglas River Bridge to North limits of 955: Max. 41 500 kg
- Old Nipawin Bridge** On Provincial Road Between Jct. With Hwy. No. 35 in Nipawin and its Junction with Provincial Hwy. No. 35/55 Northwest of Nipawin: Max. 8 000 kg by Minister's Order.
- Restricted To Secondary Weights All Year.**
- Hwy.No.219 Bridge** Located 19.4 kms North of Jct. Hwy. No. 15.
- Hwy. No. 271 Bridge** Over Maple Creek Located 1.05 km West of Jct. Hwy. No. 21



NOTE: This is not an official Highway Map

Primary	7 250	9 100
Secondary	5 500	8 200
Winter (S)* (M)	5 500	10 000
Winter Primary	7 250	10 000

7 250	17 000
5 500	14 500
5 500	18 000
7 250	18 000

13 600	17 000
11 000	14 500
11 000	18 000
13 600	18 000

7 250	17 000	17 000
5 500	14 500	14 500
5 500	18 000	18 000
7 250	18 000	18 000

7 250	17 000	21 000
5 500	14 500	20 000
5 500	18 000	21 000
7 250	18 000	21 000

7 250	17 000	9 100	9 100
5 500	14 500	8 200	8 200
5 500	18 000	10 000	10 000
7 250	18 000	10 000	10 000

7 250	17 000	9 100	17 000
5 500	14 500	8 200	14 500
5 500	18 000	10 000	18 000
7 250	18 000	10 000	18 000

7 250	17 000	17 000	17 000
5 500	14 500	14 500	14 500
5 500	18 000	18 000	18 000
7 250	18 000	18 000	18 000

5 500	9 100	17 000
5 500	8 200	14 500
5 500	10 000	18 000

5 500	17 000	17 000
5 500	14 500	14 500
5 500	18 000	18 000

5 500	17 000	24 000**
5 500	14 500	20 000
5 500	18 000	24 000**

5 500	9 100	17 000	9 100
5 500	8 200	14 500	8 200
5 500	10 000	18 000	10 000

5 500	17 000	17 000	9 100
5 500	14 500	14 500	8 200
5 500	18 000	18 000	10 000

5 500	17 000	17 000	17 000
5 500	14 500	14 500	14 500
5 500	18 000	18 000	18 000

5 500	17 000	17 000	17 000
5 500	14 500	14 500	14 500
5 500	18 000	18 000	18 000

5 500	17 000	23 000**	17 000
5 500	14 500	20 000	14 500
5 500	18 000	23 000**	18 000

- * These weights are subject to tire size and inter axle spacing and axle spread on vehicles.
- ** Municipal Highway Weights for Winter Weights season.
- ** Axle group weights vary according to axle spread. See axle group loadings.

Note: This guide is a summary to the Weight and Dimension Regulations and does not include all details.

Truck Type

GVW

Straight truck 2 axles	16 350
	13 700
	15 500
	17 250

Straight truck 3 axles	24 250
	20 000
	23 500
	25 250

Straight truck with tandem steering	30 600
	25 500
	29 000
	31 600

Truck & tandem pony trailer	41 250
	34 500
	41 500
	43 250

Truck & tridem pony trailer	45 250
	40 000
	44 500
	46 250

Truck & full trailer 5 axles	42 450
	36 400
	43 500
	45 250

Truck & full trailer 6 axles	50 350
	42 700
	51 500
	53 250

Truck & full trailer 7 axles	53 500
	49 000
	53 500
	53 500

Tractor & semi-trailer 4 axles	31 600
	28 200
	33 500

Tractor & semi-trailer 5 axles	39 500
	34 500
	41 500

Tractor & semi-trailer 6 axles	46 500
	40 000
	46 500

A-C Train 6 axles	49 800
	44 600
	53 500

A-C Train 7 axles	53 500
	49 000
	53 500

A-C Train 8 axles	53 500
	49 000
	53 500

C Train 8 axles with approved dolly	60 500
	54 500
	60 500(P) 54 500(S)(M)

B Train 7 axles	56 500
	49 000
	59 500 (P)(S) 54 500* (M)

B Train 8 axles	62 500
	54 500
	62 500(P)(S) 54 500* (M)

AXLE GROUP LOADINGS

Tire loading is 10 kg per millimetre (560 lb per inch) width of tire, as stamped by the manufacturer, to a maximum of 3 000 kg (6 600 lb) per tire and subject to steering axle regulation weights.

Tridem Axle Group Weights (**)

Weight	Axle Spread
24 000 kg	3.6 m - 3.7 m (11'8" - 12'1")
23 000 kg	3.0 m - 3.6 m (9'8" - 11'8")
21 000 kg	2.4 m - 3.0 m (7'8" - 9'8")

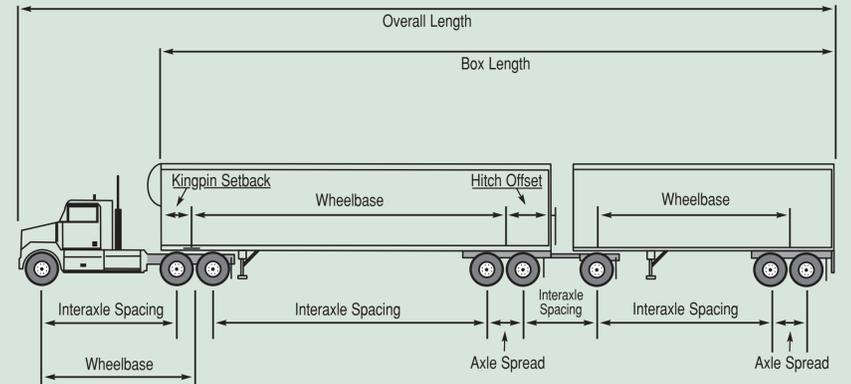
Interaxle Spacing

Maximum allowable weight for axle groups may depend on the following minimum distance requirements (interaxle spacing):
 3.7 m (12') between two single axles;
 3.0 m (9'10") between a tandem axle group and a single axle;
 5.0 m (16'4") between two tandem axle groups;
 5.5 m (18'1") between a tandem axle and a tridem axle group;
 6.0 m (19'6") between two tridem axle groups.

When the interaxle spacing is less than minimum, combined axle group weights apply:

Axle Group	Interaxle Spacing	Combined Weight
Two Singles	<3.7 m	18 200 kg (Primary)
		16 400 kg (Secondary)
Single & Tandem	<3.7 m - 3.4 m	14 500 kg
Single & Tridem	<3 m - 2.5 m	24 500 kg
	<2.5 m - 2 m	23 000 kg
	<2 m	21 000 kg
Tandem & Single Approved C Dolly	<5 m - 4 m	29 500 kg
	<4 m - 3 m	26 000 kg
	<3 m	24 000 kg
Tandem & Tandem	<5 m - 3 m	30 000 kg
	<3 m - 2 m	24 000 kg
	<2 m	23 000 kg
Tandem & Tandem End Dump Trailers: - Manufactured before January 1989	<5 m - 3.4 m	32 000 kg
	<3.4 m - 3 m	30 000 kg
- Manufactured after December 1988	<5 m - 4.5 m	32 000 kg
	<4.5 m - 3 m	30 000 kg
Tandem & Tridem	<5.5 m - 4.5 m	35 000 kg
	<4.5 m - 3 m	30 000 kg
	<3 m	24 000 kg
Tridem & Tridem	<6 m - 5 m	40 000 kg
	<5 m - 4 m	35 000 kg
	<4 m - 3 m	32 000 kg
	<3 m	28 000 kg

Measurements may be required to determine if combined axle weights apply to your vehicle. Except for a full trailer (which has two axle groups), Saskatchewan regulations do not recognize more than one axle or axle group on a



FOR INFORMATION CALL:

- Transportation Policy Branch
- Transportation Regulation & Policies
- Partnership Programs and Services
- Road Restrictions & Conditions
- Saskatoon Area
- Regina Area
- All Other Areas
- Internet
- SGI
- Vehicle Standards & Inspections
- Call Centre (Vehicle Registration)

LEGAL DIMENSIONS

- Width (Maximum)**
 - any vehicle, building, or object, 2.6 m (8'6");
 - house trailers during daylight hours only, 3.05 m (10');
 - mirrors may extend on each side of the vehicle an additional 20 cm (8");
 - auxiliary equipment or load securing devices may extend on each side of the vehicle 10 cm (4") on either side or either end of the vehicle.

- Height (Maximum)**
 - any vehicle, building, or object, 4.15 m (13'6").
- Length (Maximum)**
 - truck pony trailers or single vehicle, 12.5 m (41');
 - bus, 14 m (45'9");
 - semi-trailer, full trailer or box length/trailer length 16.2 m (53');
 - box length A, B, or C train, 20 m (65'7");
 - box length on a truck and full trailer, 20 m (65'7");
 - box length on a truck and pony trailer, 20 m (65'7");
 - tractor and semi-trailer or any other combination of vehicles, 23 m (75'5");
 - A train, B train or C train, 25 m (82');
 - drawbar length on a C train, 2.4 m (7'8").

- Internal Dimensions Maximum**
 - wheelbase for a tractor mfd after June 1988, 6.2 m (20'4");
 - wheelbase for a semi-trailers, pony trailers or full trailers, 12.5 m (41');
 - wheelbase sum of both B train trailers is 17 m (55'9");
 - tridem axle spread for B train is 3.1 m (10'2");
 - tridem axle spread for a pony trailer is 2.5 m (8'2");
 - effective overhang (including the load) for a semi-trailer is limited to 35% of its wheelbase;
 - effective overhang (including the load) on any truck or other trailer is limited to 4.0 m (13') when GVW exceeds 4500 kg;
 - kingpin setback (measured any where in an arc around the kingpin and includes the load) may not be more than 2.0 m (6'6");
 - hitch offset in an A or C train, truck or trailer towing another trailer is 1.8 m (5'9").

- Minimum**
 - wheelbase for a semi-trailer, full trailer or pony trailer is 6.25 m (20'6");
 - width for a tridem axle group on a semi-trailer manufactured after June 1988 is 2.5 m (8'2");
 - width for a tandem axle group on a semi-trailer manufactured after December 1991 is 2.5 m (8'2");
 - wheelbase for the rear trailer of a B train manufactured after June 1988 is 6.25 m (20'6").

Note For weight limits on municipal roads contact the local urban or rural municipality office.

HIGHWAY TRANSPORT PATROL INSPECTION STATION / PATROL OFFICE PHONE LIST		
Northern Region		
Hudson Bay Patrol	865-4515 ... (865-4420)	Meadow Lake Patrol ... 236-7595 ... (236-7660)
Kindersley	463-5455 ... (463-5456)	Melfort ... 752-6275 ... (752-6274)
Langham	933-6777 ... (933-6337)	Prince Albert Patrol ... 953-3680 ... (953-3531)
Lloydminster	387-5670 ... (387-5672)	
Southern Region		
Estevan	637-4522 ... (637-4523)	Regina Hwy. No. 11 ... 787-7480 ... (798-1100)
Moose Jaw Patrol	694-3742 ... (694-3780)	Swift Current ... 778-8314 ... (778-8686)
Moosomin	435-4520 ... (435-4521)	Wynyard Patrol ... 554-5459 ... (554-5434)
Regina Hwy. No. 1	787-7481 ... (787-7482)	Yorkton ... 786-1366 ... (786-1399)

*FAX MACHINE AT DETACHMENT PATROL OFFICES HAVE NO WEIGHT SCALES SELF WEIGHING IS POSSIBLE AT HIGHWAY TRANSPORT PATROL INSPECTION STATIONS AFTER HOURS REFER TO MAP FOR THE LOCATION NEAREST YOU, PLEASE CALL AHEAD.

PERMIT OFFICE (6 a.m. - 10 p.m. Daily service except Christmas Day,