



## All Weather Roads Manitoba Boreal Forest Impact Scenarios (Reduced Habitat Effectiveness)

		Impact Zone: 250m / side		Impact Zone: 500m / side		Impact Zone: 1km / side		Impact Zone: 2.5km / side		Impact Zone: 4km / side		Impact Zone: 5km / side	
	Corridors length (km)	Total Area of Impact (km <sup>2</sup> )	Total Area of Impact (hectares)	Total Area of Impact (km <sup>2</sup> )	Total Area of Impact (hectares)	Total Area of Impact (km <sup>2</sup> )	Total Area of Impact (hectares)	Total Area of Impact (km <sup>2</sup> )	Total Area of Impact (hectares)	Total Area of Impact (km <sup>2</sup> )	Total Area of Impact (hectares)	Total Area of Impact (km <sup>2</sup> )	Total Area of Impact (hectares)
All Weather Roads (Manitoba)	18,000	8,940	894,000	17,513	1,751,300	33,627	3,362,700	74,797	7,479,700	106,514	10,651,400	123,250	12,325,000
All Weather Roads (Boreal Regions)	11,000	5,490	549,000	10,788	1,078,800	20,852	2,085,200	47,335	4,733,500	68,910	6,891,000	81,068	8,106,800

### Notes:

Boreal Regions are defined as Manitoba Natural Regions 4a, 4b, 4c, 5a, 5b, 5c, 6 and 7 (Taiga not included)  
 Winter roads, trails, forestry roads, rail roads and all internal urban roads not included  
 Any overlap in impact zones is only included in data once

### Sources:

#### Existing Highways

- Report on 2020 – Manitoba's Transport Vision <http://www.gov.mb.ca/tgs/2020/pdfs/mbtransvisionmay05rpt.pdf>

#### Natural Regions

- GIS Shapefile Manitoba Conservation

See Sources on Hydro Transmission Corridor - Manitoba Boreal Forest Impact Scenarios (Reduced Habitat Effectiveness) chart