## 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  
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Corridors length (km) | Total Area of Impact (km²) | Total Area of Impact (hectares) | Total Area of Impact (km²) | Total Area of Impact (hectares) | Total Area of Impact (km²) | Total Area of Impact (hectares) | Total Area of Impact (km²) | Total Area of Impact (hectares) | Total Area of Impact (km²) | Total Area of Impact (hectares)

| All Weather Roads (Manitoba) | 38,000 | 8,940 | 894,000 | 17,513 | 3,692,700 | 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 | 20,852 | 47,335 | 4,733,300 | 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
- Natural Regions
  - GIS Shapefile Manitoba Conservation
- See Sources on Hydro Transmission Corridor - Manitoba Boreal Forest Impact Scenarios (Reduced Habitat Effectiveness) chart

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*Manitoba Wildlands April 2006*