



Carrying Capacity for Outdoor Recreation is the inherent capability of a biophysical unit to withstand use without management or excessive deterioration. This map should be used in conjunction with the corresponding Outdoor Recreation Features Inventory map.

**Explanation of Map Symbols**

Biophysical Limitation	4 5 6 7 8 9 10	Annotation	Biophysical Limitation	1 2 3 4 5	reach boundary	reach number
Carrying Capacity Class	1 2 3 4 5	Severity of Limitation	Severity of Limitation	1 2 3 4 5		

**Carrying Capacity Classes**

The Carrying Capacity classes are based on the number and severity of the biophysical limitations which may occur, relative to a wide range of recreational uses.

Class 1 - Very high capability for intensive use, with slight if any limitations.  
 Class 2 - High capability for intensive use with minor limitations.  
 Class 3 - Low capability for intensive use but moderate-high capability for extensive activities.  
 Class 4 - Very low capability for intensive use and low capability for extensive use.  
 Class 5 - Very low capability with severe limitations for all uses. These areas are best avoided.

**Biophysical Limitation Classes**

LIMITATION TYPE	SEVERITY OF LIMITATION		
	1 None to Slight	2 Moderate	3 Severe
<b>SOIL</b>			
Sf fine texture	loam	clay loam, silty clay loam	sandy clay, silty clay clay, silt
Sc coarse texture	sandy loam	heavy sand, gravelly loam, very gravelly sandy loam	sand, gravel
So shallow to impervious horizon	greater than 30	10cm - 30	less than 10cm
Ss shallow to bedrock	moderately well drained	imperfectly drained	poorly drained and very poorly drained
Sm dryness	well drained	rapidly drained	
So surface organic accumulation	less than 15cm	15-40cm	greater than 40cm
Sr bedrock or rockiness	bedrock exposures cover <20% of surface	bedrock exposures cover 20-50% of surface	bedrock exposures cover >50% of surface
Su unspecified	described by annotation		
<b>LANDFORM</b>			
Lp gullying	Noted as occurring in unit. Severity ranges from moderate to severe. Lp (unspecified) is described by an annotation.		
La avalanche			
Lf falling			
Lp periglacial			
<b>AQUATICS</b>			
Hc currents (canoe and kayak)	placid-interrittional river class 1 & 2	rolling & broken small chutes class 3	broken & tumbling falls & chutes class 4
Ha access to water	generally easy	at limited number of points	access difficult
Hf flooding hazard	none - confining structure may be used in all seasons	moderate - seasonal flooding may occur during melt or high rainfall	high - unconfined frequent flooding from average rainfall
Hb biological nuisance (overlapping vegetation, drift, weeds)	no nuisance	some nuisance, some drift but no stable, minor nuisance	inconvenient - much drift or unstable drift
Hc currents (swimming)	placid flow - requires only normal precautions	swirling flow - care in choice of site	rolling and broken - restricts use
Hw water quality	no evidence	some but restricted	restricts use
<b>VEGETATION</b>			
Vh hazard	hazard species <20% cover	hazard species 20-40% cover	hazard species >40% cover
Vd density	>30 shrub cover trees >2m apart	20-35 shrub cover trees 0.75-2m apart	>35 shrub cover trees <0.75m apart
Vs sensitivity	withstand normal to intensive use	susceptible to damage under intensive use	easily destroyed even by intensive use
<b>FAUNAL</b>			
Fc conflict	Noted as occurring only, described by annotation.		
Fh hazard			
<b>TOPOGRAPHIC</b>			
Ts simple slope	0 - 25	2 - 35	15 - 30
Tc complex slope			30 - 60
			>60

**Annotations**

Units for which specific information not described in the legend is available, are annotated by means of a numeral in a circle which follows the biophysical limitations. Annotations are available on request from the Resource Analysis Branch.

**Shading Symbols**

**HIGH CARRYING CAPACITY**  
 Units which have a high capability to support intensive outdoor recreational use (e.g. camping, picnic sites) with only minor limitations. Carrying capacity classes 1 and 2 are in this category.

**MODERATE CARRYING CAPACITY**  
 Units which have a moderate capability to support intensive outdoor recreational use but which are suited to support extensive activities (e.g. hiking). Carrying capacity class 3 is in this category.

**LOW CARRYING CAPACITY**  
 Units which have a low capability to support intensive or extensive outdoor recreational activities. Carrying capacity classes 4 and 5 are in this category.

**Reference**

Recreational Capability Inventory - 1978. Resource Analysis Branch, B. C. Ministry of Environment, Victoria, B. C. 199. plus appendices

**Credits**

Mapped by - L. Birch and J. Block, Resource Analysis Branch, B. C. Ministry of Environment.  
 Date of mapping - 1977  
 Drafted by - Cartographic Section, Resource Analysis Branch  
 Topographic base map provided by - Surveys and Mapping Branch, B. C. Ministry of Environment