

**Idaho Forestry Best Management Practices Field Guide**  
**Forms and Tables: Culvert sizing table - II**

<b>CULVERT SIZING TABLE – II</b> <b>USE FOR SOUTH IDAHO</b>		
<b>This culvert table will be used for the area of the state south of the Salmon River and outside the South Fork Salmon River Drainage. It was developed to carry the fifty (50) year peak flow at a headwater-to-diameter ratio of one (1).</b>		
<b>Watershed area (acres)</b>	<b>Required Culvert Diameter (inches)</b>	<b>Culvert Capacity (cubic foot/sec)</b>
less than 72	18#	6
73-150	24	12
151-270	30	20
271-460	36	32
461-720	42	46
721-1025	48	65
1026-1450	54	89
1451-1870	60	112
Strongly consider having culverts larger than sixty (60) inches designed, or consider alternative structures, such as bridges, mitered culverts, arches, etc.		
1871-2415	66	142
2416-3355	72	176
3356-5335	84	260
5336-7410	96	370
7411-9565	108	500
9566-11780	120	675
Culverts larger than 120 inches must be designed; consider alternative structures.		
# See exemption for southeast Idaho in Subsection 040.02.ii of this rule.		