

Lacustrine environment		TR1	TR2	TR3
Water	Temperature	$T_{\text{Water}}$ (Fig. 3)	$T_{\text{Water}}$ (Fig. 3)	$T_{\text{Water}}$ (Fig. 3)
Lake ice	Temperature	–	$(T_{\text{Water}} + T_{\text{Air}})/2 \leq 0$	0 °C
	Porosity	–	10–15 %	50 %
	Diameter air bubble	–	0.1 cm	0.1 cm
	Volumetric wetness	–	3–8 %	25–50 %
	Thickness	–	$H_{\text{ice}}$ (Fig. 4)	$H_{\text{ice}}$ (Fig. 4)
Snow cover	Temperature	–	$T_{\text{Air}}$ (Fig. 2)	0 °C
	Dry density	–	0.3 g cm <sup>-3</sup>	0.3 g cm <sup>-3</sup>
	Diameter ice grain	–	0.04 cm	0.06 cm
	Volumetric wetness	–	0 %	4–16 %
	Thickness	–	$H_{\text{snow}}$ (Fig. 4)	5–10 cm