

	Metamorphism Regime	Water Content	Resultant Crystal Types	Growth Rate	Bonding Characteristics	Temperature Gradient
Dry	Kinetic		Facets	Fast	Poor	$> 1^\circ / 10 \text{ cm}$
	Equilibrium		Rounds	Slow	Strong (sintered)	$< 1^\circ / 10 \text{ cm}$
Wet	Funicular	High	Slush		Poor	
	Pendular	Low	Polygrains		Strong (frozen) Poor (wet)	

Table 1 Characteristics of dry snow versus wet snow.

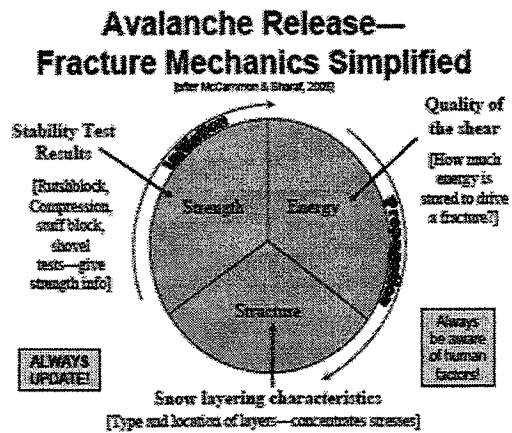


Figure 1. Primary snowpack components affecting avalanche release. Adapted from McCammon & Sharaf, 2005

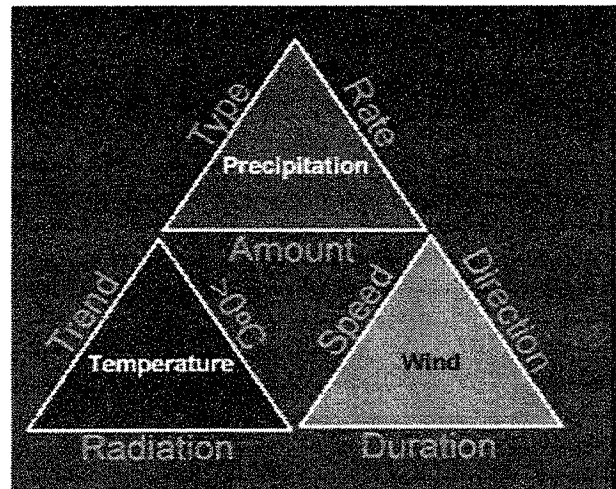


Figure 1 Weather Triangle (Altobelli 2002)