



Solar panel tilt angle

The tilt angle is the angle of the solar panels to the ground. The ideal angle will be different in summer and winter.

© BRANZ 2007

Ideal angles for solar collectors in New Zealand

Place	Latitude	Summer angle	Winter angle
Whangarei	35° 45'	26°	51°
Auckland	36° 50'	27°	52°
Wellington	41° 15'	31°	56°
Christchurch	42° 30'	32°	57°
Dunedin	45° 50'	36°	61°
Invercargill	46° 30'	36°	61°