Fully Operational	Survivable	Mast Failure		
2 m AL2 Standard Series (7.5 ft) Primary Guying Only 100 lbs Deployed				
	Wind Speed (mph)	70	90	110
Mast Only	30% Guy Distance			
	50% Guy Distance			
	80% Guy Distance			
1 Sq Ft Panel	30% Guy Distance			
	50% Guy Distance			
	80% Guy Distance			
2 Sq Ft Panel	30% Guy Distance			
	50% Guy Distance			
	80% Guy Distance			
3 Sq Ft Panel	30% Guy Distance			
	50% Guy Distance			
	80% Guy Distance			

Fully Operational	Survivable	Mast Failure		
2 m AL2 Standard Series (7.5 ft) Primary & Secondary Guying 100 lbs Deployed				
	Wind Speed (mph)	70	90	110
Mast Only	30% Guy Distance			
	50% Guy Distance			
	80% Guy Distance			
1 Sq Ft Panel	30% Guy Distance			
	50% Guy Distance			
	80% Guy Distance			
2 Sq Ft Panel	30% Guy Distance			
	50% Guy Distance			
	80% Guy Distance			
3 Sq Ft Panel	30% Guy Distance			
	50% Guy Distance			
	80% Guy Distance			

All calculations are based on the assumption that the tripod has been secured to the ground and is immovable and that the guy stakes holding the guy ropes have been secured to the ground and are immovable. Different types of soil conditions can negatively impact wind and load calculations and should be considered before deploying the mast.