

CartoDEM Specifications

Parameters	Specifications
Image Format	Geo-Tiff
Data Type *	Signed short (2 bytes)
Data Type (Ortho-image)	Unsigned short (2 bytes)
Datum (planimetric and height)	WGS84
Projection	Geographic
Ortho Image Resolution	1/12 arc sec – 2.5 m
Posting	1/3 arc sec – 10 m
DEM type	Digital Surface Model
Absolute accuracy (Planimetric)	15m** (CE 90)
Absolute accuracy (Vertical)	8m** (LE 90)
Relative accuracy (Vertical)	>5m (LE 90)
Ellipsoidal height Units	Meters
Tile Extents (Size)	7.5' x 7.5'

***Digital Surface Model (DSM) from Cartosat-1 Stereo pair.**

Please note that although this is termed CartoDEM , it is a DSM and not a bare earth surface.

**** Valid for areas with slopes less than 20 deg.**