

Dataset Name:

Point Cloud of Urji (West side of Corbetti volcano), Ethiopia

Collection Platform:

Pleiades-HR 1A

References:

Hunt, J. A., D. M. Pyle, and T. A. Mather (in review, 2019).
The geomorphology, structure and lava flow dynamics of
peralkaline rift volcanoes from high-resolution digital
elevation models, *Geochemistry, Geophysics, Geosystems*

Dataset Overview:

The point cloud was generated from Pleiades stereo
panchromatic optical images with 50 cm resolution. The data
were processed using the Leica Photogrammetry Suite within
ERDAS Imagine.

Dataset Acknowledgement:

Funding for Pleiades imagery was provided by a grant from
COMET (NERC Centre for the Observation and Modelling of
Earthquakes, Volcanoes, and Tectonics).
Processing work was supported by a studentship from NERC as
part of the Environmental Research DTP (University of Oxford).

Date Acquired (DD/MM/YYYY): 21/02/2017

Total points in cloud: 75,341,328 pts

Co-ordinate system: WGS84 / UTM Zone 37N [EPSG: 32637]