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High Mountain Asia 8-meter DEM Mosaics Derived from Optical Imagery V001

HMA_DEM8m_MOS

VERSION 1

 DOI [HTTPS://DOI.ORG/10.5067/KXOVQ9L172S2](https://doi.org/10.5067/KXOVQ9L172S2)

CENTER/PROJECT

National Snow and Ice Data Center DAAC (NSIDC DAAC)

Data at a Glance



Data Format	PNG, GeoTIFF
Spatial Extent	N: 46 S: 26 E: 103 W: 67
Spatial Resolution	8 Meters x 8 Meters
Location	HIMALAYAS
Temporal Extent	2002-01-28 to 2016-11-24

Data Access

[User Guide](#) 

Overview Documents and Resources

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Description

Version Description

Product Summary

Citation

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Description

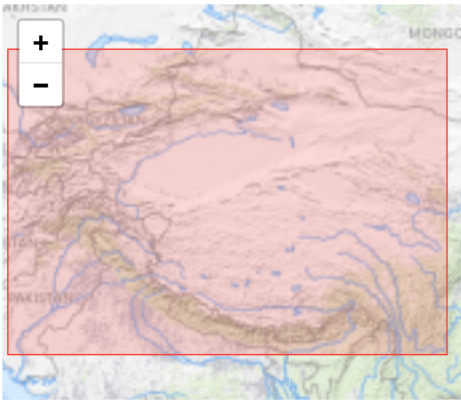
This data set contains 8-meter Digital Elevation Model (DEM) mosaics of high mountain Asia glacier and snow regions generated from very-high-resolution (VHR) commercial satellite imagery.

Version Description

Initial release

Product Summary

Platforms	GEOEYE-1, QUICKBIRD-2, WORLDVIEW-1, WORLDVIEW-2, WORLDVIEW-3
Instruments	CAMERAS, QUICKBIRD/BHRC-60
Spatial Extent	N: 46 S: 26 E: 103 W: 67
Spatial Resolution	8 Meters x 8 Meters
Location	HIMALAYAS
Coordinate System	CARTESIAN
Granule Spatial Representation	GEODETIC
Temporal Extent	2002-01-28 to 2016-11-24
Concept ID	C3249536691-NSIDC_CPRD
Data State	COMPLETE
Number of Files/Granules	417
Processing Level	4
Published	2017-12-11
Science Keywords	<u>Digital Elevation/Terrain Model (DEM)</u>



Citation

Citation is critically important for dataset documentation and discovery. This dataset is openly shared, without restriction, in accordance with the [EOSDIS Data Use and Citation Guidance](#) ↗.

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Shean, D. (2017). *High Mountain Asia 8-meter DEM Mosaics Derived from Optical Imagery, Version 1* [Data set]. NASA National Snow and Ice Data Center Distributed Active Archive Center. <https://doi.org/10.5067/KXOVQ9L172S2> Date Accessed: 2026-01-14



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Site last Updated: Jan. 14, 2026 NASA Official: Katie Baynes



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The [Earth Science Information Partners \(ESIP\)](#) provides a clear, concise [guidelines document](#) that may help you in determining the format of the dataset reference.

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