

HDF Tools by Category

The following table organizes HDF (4) tools by category to help users focus on the tools they need.

Category	Tools	Comments	Usage
View or Display	HDFView	Interactive Java tool. Can view HDF file tree structure, images, spreadsheets, properties, attributes.	
	hdp	Command-line tool to view HDF file	hdp list file.hdf hdp dumphds file.hdf
	hdfls	Command-line tool to view HDF file	hdfls file.hdf
	vshow	Command-line tool to view Vgroups and Vdatas in an HDF file.	vshow file.hdf +
Modify	HDFView	Interactive Java tool: can create, edit, add attributes/datasets	
Export	HDFView	Interactive Java tool. Text and Binary data can be exported to a file. HDF4 and HDF5 images and palettes can be exported to JPEG, PNG, GIF, or BMP files.	
	hdp	Text and binary data can be exported to a file.	hdp dumphds -s -d -n "data1" file.hdf > file.asc hdp dumphds -b -o file.bin file.hdf
Convert	HDFView	Can convert GIF, JPEG, BMP, and PNG images into HDF, and vice-versa	See Section 6.6 in UG .
	h4toh5	Command-line utility to convert HDF files into HDF5.	h4toh5 foo.hdf foo.h5 h4toh5 -na foo.hdf foo.h5 (convert to HDF5 files without the pre-defined HDF attributes)
	HDF to NetCDF	Several tools to get HDF to NetCDF	
	HDF To Excel	You can use hdp or HDFView to get output that is readable by Excel.	Save file to ASCII then import into Excel: hdp dumphds -s -d -n "data1" sd.hdf > &sd.asc
	HDF-EOS2 to GeoTIFF	Convert HDF file to GeoTiff. Requires file to be HDF-EOS to include required information such as latitude/longitude.	