

## MCD

1.	<b>FILENAME:</b> MCD43A1.A2007257.h00v08.005.2007281122810.hdf (ftp link: <a href="#">here</a> ) (Filesize=555.0KB)														
	It is a grid file with 1 grids. Namely: MOD_Grid_BRDF.														
	It has regular dimensions called XDim (2400) and YDim (2400).														
	<table border="1"> <thead> <tr> <th>GridName</th> <th>DimensionList</th> <th>Projection</th> </tr> </thead> <tbody> <tr> <td>MOD_Grid_BRDF</td> <td>Num_Parameters (3), Num_Shape_Fields (4)</td> <td>SNSOID</td> </tr> </tbody> </table>	GridName	DimensionList	Projection	MOD_Grid_BRDF	Num_Parameters (3), Num_Shape_Fields (4)	SNSOID								
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	Some software tools requires extra steps to retrieve latitude and longitude for SNSOID projection														
	Values of 255 and 32767 are used for ' _FillValue.' The file is missing the 'missing_value' attribute.														
	<b>GROUP1: MOD_Grid_BRDF</b>														
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	Other MCD43A*, MCD43B* files have similar structure														
2.	<b>FILENAME:</b> MCD43C1.A2006353.004.2007012185705.hdf (ftp link: <a href="#">here</a> ) (Filesize=1.1GB)														
	It is a grid file with 1 grids. Namely: MOD_CMG_BRDF_0.05Deg.														
	The parameter is wrong in StructMetadata. Parameter 'UpperLeftPoint/LowerRight Mtrs' should be packed in degrees, minutes, seconds format (DDDMMMSS.SS). In this file, this parameter doesn't follow the DDDMMMSS.SS format. In DDDMMMSS.SS format, the value of UpperLeftPoint should be (-180000000.000000,90000000.000000). But in this file, the UpperLeftPointMtrs is (-180.000000,89.500000)', which only shows the degrees. This will generate the wrong latitude and longitude values if one uses the HDF-EOS2 library to retrieve the latitude and longitude values.														
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