

GHRC_DISCOVER

- FILENAME:** f13_Tb_08001_dayAD.hdf (ftp link: [here](#)) (Filesize=7.2MB)

It is a HDF4 file. It has 45 datasets.

The file is missing both the ‘_FillValue’ and ‘missing_value’ attributes. The ‘_FillValue’ is probably -1.

Datasets

DatasetName	#Dimension (DimList)
fakeDim0 (dimension)	1-D (360)
fakeDim1 (dimension)	1-D (720)
fakeDim28 (dimension)	1-D (512)
fakeDim29 (dimension)	1-D (31)
Data-Set-2	2-D (360*720)
Data-Set-16	2-D (512*31)

- FILENAME:** f13_clwa_08001_dayAD.hdf (ftp link: [here](#)) (Filesize=2.1MB)

It is a HDF4 file. It has 9 datasets.

Datasets

DatasetName	#Dimension (DimList)
fakeDim0 (dimension)	1-D (360)
fakeDim1 (dimension)	1-D (720)
fakeDim4 (dimension)	1-D (512)
fakeDim5 (dimension)	1-D (31)
Data-Set-2	2-D (360*720)
Data-Set-4	2-D (512*31)

- FILENAME:** f13_hn_08001_01D.hdf (ftp link: [here](#)) (Filesize=1.0MB)

It is a HDF4 file. It has 15 datasets.

Datasets

DatasetName	#Dimension (DimList)
fakeDim0 (dimension)	1-D (1608)
fakeDim1 (dimension)	1-D (1)
fakeDim8 (dimension)	1-D (1608)
fakeDim9 (dimension)	1-D (128)
Data-Set-2	2-D (1608*1)
Data-Set-6	2-D (1608*128)

- FILENAME:** f13_iwva_08001_dayAD.hdf (ftp link: [here](#)) (Filesize=2.1MB)

It is a HDF4 file. It has 9 datasets.

Datasets

DatasetName	#Dimension (DimList)
fakeDim0 (dimension)	1-D (360)
fakeDim1 (dimension)	1-D (720)
fakeDim4 (dimension)	1-D (512)
fakeDim5 (dimension)	1-D (31)
Data-Set-2	2-D (360*720)
Data-Set-4	2-D (512*31)

5.	FILENAME: f13_In_08001_01D.hdf (ftp link: here) (Filesize=259KB)																
	It is a HDF4 file. It has 15 datasets.																
<table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (804)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (1)</td> </tr> <tr> <td>fakeDim8 (dimension)</td> <td>1-D (804)</td> </tr> <tr> <td>fakeDim9 (dimension)</td> <td>1-D (64)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (804*1)</td> </tr> <tr> <td>Data-Set-6</td> <td>2-D (804*64)</td> </tr> </tbody> </table>		Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (804)	fakeDim1 (dimension)	1-D (1)	fakeDim8 (dimension)	1-D (804)	fakeDim9 (dimension)	1-D (64)	Data-Set-2	2-D (804*1)	Data-Set-6	2-D (804*64)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (804)																
fakeDim1 (dimension)	1-D (1)																
fakeDim8 (dimension)	1-D (804)																
fakeDim9 (dimension)	1-D (64)																
Data-Set-2	2-D (804*1)																
Data-Set-6	2-D (804*64)																
6.	FILENAME: f13_owsa_08001_dayAD.hdf (ftp link: here) (Filesize=2.1MB)																
	It is a HDF4 file. It has 9 datasets.																
<table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (360)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (720)</td> </tr> <tr> <td>fakeDim4 (dimension)</td> <td>1-D (512)</td> </tr> <tr> <td>fakeDim5 (dimension)</td> <td>1-D (31)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (360*720)</td> </tr> <tr> <td>Data-Set-4</td> <td>2-D (512*31)</td> </tr> </tbody> </table>		Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (360)	fakeDim1 (dimension)	1-D (720)	fakeDim4 (dimension)	1-D (512)	fakeDim5 (dimension)	1-D (31)	Data-Set-2	2-D (360*720)	Data-Set-4	2-D (512*31)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (360)																
fakeDim1 (dimension)	1-D (720)																
fakeDim4 (dimension)	1-D (512)																
fakeDim5 (dimension)	1-D (31)																
Data-Set-2	2-D (360*720)																
Data-Set-4	2-D (512*31)																
7.	FILENAME: f14_Tb_08001_dayAD.hdf (ftp link: here) (Filesize=2.1MB)																
	It is a HDF4 file. It has 45 datasets.																
	The file is missing both the '_FillValue' and 'missing_value' attributes. The '_FillValue' is probably -1.																
<table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (360)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (720)</td> </tr> <tr> <td>fakeDim28 (dimension)</td> <td>1-D (512)</td> </tr> <tr> <td>fakeDim29 (dimension)</td> <td>1-D (31)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (360*720)</td> </tr> <tr> <td>Data-Set-16</td> <td>2-D (512*31)</td> </tr> </tbody> </table>		Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (360)	fakeDim1 (dimension)	1-D (720)	fakeDim28 (dimension)	1-D (512)	fakeDim29 (dimension)	1-D (31)	Data-Set-2	2-D (360*720)	Data-Set-16	2-D (512*31)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (360)																
fakeDim1 (dimension)	1-D (720)																
fakeDim28 (dimension)	1-D (512)																
fakeDim29 (dimension)	1-D (31)																
Data-Set-2	2-D (360*720)																
Data-Set-16	2-D (512*31)																
8.	FILENAME: f14_clwa_08001_dayAD.hdf (ftp link: here) (Filesize=2.1MB)																
	It is a HDF4 file. It has 9 datasets.																
<table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (360)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (720)</td> </tr> <tr> <td>fakeDim4 (dimension)</td> <td>1-D (512)</td> </tr> <tr> <td>fakeDim5 (dimension)</td> <td>1-D (31)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (360*720)</td> </tr> <tr> <td>Data-Set-4</td> <td>2-D (512*31)</td> </tr> </tbody> </table>		Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (360)	fakeDim1 (dimension)	1-D (720)	fakeDim4 (dimension)	1-D (512)	fakeDim5 (dimension)	1-D (31)	Data-Set-2	2-D (360*720)	Data-Set-4	2-D (512*31)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (360)																
fakeDim1 (dimension)	1-D (720)																
fakeDim4 (dimension)	1-D (512)																
fakeDim5 (dimension)	1-D (31)																
Data-Set-2	2-D (360*720)																
Data-Set-4	2-D (512*31)																
9.	FILENAME: f14_hn_08001_01A.hdf (ftp link: here) (Filesize=259KB)																

	It is a HDF4 file. It has 15 datasets.																
	<table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (1612)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (1)</td> </tr> <tr> <td>fakeDim8 (dimension)</td> <td>1-D 1612)</td> </tr> <tr> <td>fakeDim9 (dimension)</td> <td>1-D (128)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (1612*1)</td> </tr> <tr> <td>Data-Set-6</td> <td>2-D (1612*128)</td> </tr> </tbody> </table>	Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (1612)	fakeDim1 (dimension)	1-D (1)	fakeDim8 (dimension)	1-D 1612)	fakeDim9 (dimension)	1-D (128)	Data-Set-2	2-D (1612*1)	Data-Set-6	2-D (1612*128)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (1612)																
fakeDim1 (dimension)	1-D (1)																
fakeDim8 (dimension)	1-D 1612)																
fakeDim9 (dimension)	1-D (128)																
Data-Set-2	2-D (1612*1)																
Data-Set-6	2-D (1612*128)																
10.	<p>FILENAME: f14_iwva_08001_dayAD.hdf (ftp link: here) (Filesize=2.1MB)</p> <p>It is a HDF4 file. It has 9 datasets.</p> <table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (360)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (720)</td> </tr> <tr> <td>fakeDim4 (dimension)</td> <td>1-D (512)</td> </tr> <tr> <td>fakeDim5 (dimension)</td> <td>1-D (31)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (360*720)</td> </tr> <tr> <td>Data-Set-4</td> <td>2-D (512*31)</td> </tr> </tbody> </table>	Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (360)	fakeDim1 (dimension)	1-D (720)	fakeDim4 (dimension)	1-D (512)	fakeDim5 (dimension)	1-D (31)	Data-Set-2	2-D (360*720)	Data-Set-4	2-D (512*31)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (360)																
fakeDim1 (dimension)	1-D (720)																
fakeDim4 (dimension)	1-D (512)																
fakeDim5 (dimension)	1-D (31)																
Data-Set-2	2-D (360*720)																
Data-Set-4	2-D (512*31)																
11.	<p>FILENAME: f14_In_08001_01A.hdf (ftp link: here) (Filesize=259KB)</p> <p>It is a HDF4 file. It has 15 datasets.</p> <table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (806)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (1)</td> </tr> <tr> <td>fakeDim8 (dimension)</td> <td>1-D (806)</td> </tr> <tr> <td>fakeDim9 (dimension)</td> <td>1-D (64)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (806*1)</td> </tr> <tr> <td>Data-Set-6</td> <td>2-D (806*64)</td> </tr> </tbody> </table>	Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (806)	fakeDim1 (dimension)	1-D (1)	fakeDim8 (dimension)	1-D (806)	fakeDim9 (dimension)	1-D (64)	Data-Set-2	2-D (806*1)	Data-Set-6	2-D (806*64)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (806)																
fakeDim1 (dimension)	1-D (1)																
fakeDim8 (dimension)	1-D (806)																
fakeDim9 (dimension)	1-D (64)																
Data-Set-2	2-D (806*1)																
Data-Set-6	2-D (806*64)																
12.	<p>FILENAME: f14_owsa_08001_dayAD.hdf (ftp link: here) (Filesize=2.1MB)</p> <p>It is a HDF4 file. It has 9 datasets.</p> <table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (360)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (720)</td> </tr> <tr> <td>fakeDim4 (dimension)</td> <td>1-D (512)</td> </tr> <tr> <td>fakeDim5 (dimension)</td> <td>1-D (31)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (360*720)</td> </tr> <tr> <td>Data-Set-4</td> <td>2-D (512*31)</td> </tr> </tbody> </table>	Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (360)	fakeDim1 (dimension)	1-D (720)	fakeDim4 (dimension)	1-D (512)	fakeDim5 (dimension)	1-D (31)	Data-Set-2	2-D (360*720)	Data-Set-4	2-D (512*31)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (360)																
fakeDim1 (dimension)	1-D (720)																
fakeDim4 (dimension)	1-D (512)																
fakeDim5 (dimension)	1-D (31)																
Data-Set-2	2-D (360*720)																
Data-Set-4	2-D (512*31)																
13.	<p>FILENAME: f15_Tb_08001_dayAD.hdf (ftp link: here) (Filesize=7.2MB)</p> <p>It is a HDF4 file. It has 45 datasets.</p> <p>The file is missing both the ‘_FillValue’ and ‘missing_value’ attributes. The ‘_FillValue’ is probably -1.</p>																

	<table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (360)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (720)</td> </tr> <tr> <td>fakeDim28 (dimension)</td> <td>1-D (512)</td> </tr> <tr> <td>fakeDim29 (dimension)</td> <td>1-D (31)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (360*720)</td> </tr> <tr> <td>Data-Set-16</td> <td>2-D (512*31)</td> </tr> </tbody> </table>	Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (360)	fakeDim1 (dimension)	1-D (720)	fakeDim28 (dimension)	1-D (512)	fakeDim29 (dimension)	1-D (31)	Data-Set-2	2-D (360*720)	Data-Set-16	2-D (512*31)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (360)																
fakeDim1 (dimension)	1-D (720)																
fakeDim28 (dimension)	1-D (512)																
fakeDim29 (dimension)	1-D (31)																
Data-Set-2	2-D (360*720)																
Data-Set-16	2-D (512*31)																
14.	<p>FILENAME: f15_clwa_06001_dayAD.hdf (ftp link: here) (Filesize=2.1MB)</p> <p>It is a HDF4 file. It has 9 datasets.</p> <table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (360)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (720)</td> </tr> <tr> <td>fakeDim4 (dimension)</td> <td>1-D (512)</td> </tr> <tr> <td>fakeDim5 (dimension)</td> <td>1-D (31)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (360*720)</td> </tr> <tr> <td>Data-Set-4</td> <td>2-D (512*31)</td> </tr> </tbody> </table>	Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (360)	fakeDim1 (dimension)	1-D (720)	fakeDim4 (dimension)	1-D (512)	fakeDim5 (dimension)	1-D (31)	Data-Set-2	2-D (360*720)	Data-Set-4	2-D (512*31)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (360)																
fakeDim1 (dimension)	1-D (720)																
fakeDim4 (dimension)	1-D (512)																
fakeDim5 (dimension)	1-D (31)																
Data-Set-2	2-D (360*720)																
Data-Set-4	2-D (512*31)																
15.	<p>FILENAME: f15_iwva_06001_dayAD.hdf (ftp link: here) (Filesize=2.1MB)</p> <p>It is a HDF4 file. It has 9 datasets.</p> <table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (360)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (720)</td> </tr> <tr> <td>fakeDim4 (dimension)</td> <td>1-D (512)</td> </tr> <tr> <td>fakeDim5 (dimension)</td> <td>1-D (31)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (360*720)</td> </tr> <tr> <td>Data-Set-4</td> <td>2-D (512*31)</td> </tr> </tbody> </table>	Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (360)	fakeDim1 (dimension)	1-D (720)	fakeDim4 (dimension)	1-D (512)	fakeDim5 (dimension)	1-D (31)	Data-Set-2	2-D (360*720)	Data-Set-4	2-D (512*31)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (360)																
fakeDim1 (dimension)	1-D (720)																
fakeDim4 (dimension)	1-D (512)																
fakeDim5 (dimension)	1-D (31)																
Data-Set-2	2-D (360*720)																
Data-Set-4	2-D (512*31)																
16.	<p>FILENAME: f15_owsa_06001_dayAD.hdf (ftp link: here) (Filesize=2.1MB)</p> <p>It is a HDF4 file. It has 9 datasets.</p> <table border="1"> <thead> <tr> <th colspan="2">Datasets</th> </tr> <tr> <th>DatasetName</th> <th>#Dimension (DimList)</th> </tr> </thead> <tbody> <tr> <td>fakeDim0 (dimension)</td> <td>1-D (360)</td> </tr> <tr> <td>fakeDim1 (dimension)</td> <td>1-D (720)</td> </tr> <tr> <td>fakeDim4 (dimension)</td> <td>1-D (512)</td> </tr> <tr> <td>fakeDim5 (dimension)</td> <td>1-D (31)</td> </tr> <tr> <td>Data-Set-2</td> <td>2-D (360*720)</td> </tr> <tr> <td>Data-Set-4</td> <td>2-D (512*31)</td> </tr> </tbody> </table>	Datasets		DatasetName	#Dimension (DimList)	fakeDim0 (dimension)	1-D (360)	fakeDim1 (dimension)	1-D (720)	fakeDim4 (dimension)	1-D (512)	fakeDim5 (dimension)	1-D (31)	Data-Set-2	2-D (360*720)	Data-Set-4	2-D (512*31)
Datasets																	
DatasetName	#Dimension (DimList)																
fakeDim0 (dimension)	1-D (360)																
fakeDim1 (dimension)	1-D (720)																
fakeDim4 (dimension)	1-D (512)																
fakeDim5 (dimension)	1-D (31)																
Data-Set-2	2-D (360*720)																
Data-Set-4	2-D (512*31)																
17.	<p>FILENAME: amsua15_2008.001_50085_0000_0155_GC.eos (ftp link: here) Filesize=1.74MB.</p> <p>It is a swath file with one group.</p> <p>The group name, Orbit 50085.</p> <p>There are 2 different dimension names: Track, Xtrack; Size of Track=855 and Xtrack=30.</p>																

It has 2-dimensional 'Latitude' and 'Longitude' fields.
 A value of -999.0 is used for '_FillValue' and there is no 'missing_value' attribute.

GROUP: Orbit 50085

Geo Field Name	AttributeName	AttributeValue	AttributeType	AttributeArraySize
Latitude		either of 'units,' 'unit' or 'long_name' not there		
Longitude		either of 'units,' 'unit' or 'long_name' not there		
Time		either of 'units,' 'unit' or 'long_name' not there		

Geo Field Name	#Dimension (DimList)
Latitude	2-D (Track, Xtrack)
Longitude	2-D (Track, Xtrack)
Time	

Data Field Name	#Dimension (DimList)
23800.37 MHz	2-D (Track, Xtrack)

Other AMSU/MSU files have similar structure to AIRS.2002.12.31.001.L2.CC_H.v4.0.21.0.G06100185050.hdf

18. **FILENAME:** tmi_L2c_2008.001_57702_v04.eos (ftp link: [here](#)) Filesize=8.20MB.

It is a swath file with one group.
 The group name, Orbit 57702.
 There are 2 different dimension names: Track, Xtrack; Size of Track=2918 and Xtrack=104.
 It has 2-dimensional 'Latitude' and 'Longitude' fields.
 A value of -32768 is used for '_FillValue' and there is no 'missing_value' attribute.

GROUP: Orbit 57702

Geo Field Name	AttributeName	AttributeValue	AttributeType	AttributeArraySize
Latitude		either of 'units,' 'unit' or 'long_name' not there		
Longitude		either of 'units,' 'unit' or 'long_name' not there		
Time		either of 'units,' 'unit' or 'long_name' not there		

Geo Field Name	#Dimension (DimList)
Latitude	2-D (Track, Xtrack)
Longitude	2-D (Track, Xtrack)
Time	

Data Field Name	#Dimension (DimList)
Sea surface temperature	2-D (Track, Xtrack)