

Transfrom HDF to MRF to Raster Mosaic

INSERT

BitBucket Repository

Add ReadMe

Mosaic Properties - steps, etc.

Mosaic Dataset Properties : sdt_db.sdt_user.ceres_syn1deg_hourly_adj_all_sw_dn

General

Defaults

Multidimension

Find data source properties

▼ Data Source

Property	Value
Raster	sdt_db.sdt_user.ceres_syn1deg_hourly_adj_all_sw_dn
Data Type	Mosaic Dataset
Is Referenced	No
Has Boundary	Yes
Has Seamline	No
Supports Stereo	No
Server	sdt.chou3wusyhyd.us-east-1.rds.amazonaws.com
User	sdt_user
Instance	sde:postgresql:sdt.chou3wusyhyd.us-east-1.rds.amazonaws.com
Database	sdt_db
Version	sde.DEFAULT

▼ Raster Information



Property	Value
Columns	360
Rows	180
Number of Bands	1
Cell Size X	1.000000
Cell Size Y	1.000000
Uncompressed Size	253.13 KB
Format	AMD
Source Type	Scientific
Pixel Type	floating point
Pixel Depth	32 Bit
NoData Value	
Mensuration Capabilities	Basic
Product Definition	NONE
Geodata Transform	Defined

► Band Metadata

► Extent

► Spatial Reference

▼ Catalog Properties

Property	Value
Raster Metadata Level	Basic
Maximum number of records returned per request	1000
Allowed Fields	name,minps,maxps,lowps,highps,tag,groupname,productname,centerx,ce... 
Coordinate System Transformations	None 

▼ Time Properties

☒ Use Time

Property	Value
Start Time Field	stdtime
End Time Field	stdtime
Time Value Format	YYY-MM-DD hh:mm:ss
Time Interval Value	1
Time Interval Units	Hours

▼ Vertical Dimension Properties

☐ Use Range

Property	Value
Vertical Dimension Field	

▼ Download Properties

Property	Value
Maximum number of items downloadable per request	20
Maximum download size per request (MB)	2048

[Learn more about mosaic dataset defaults](#)

▼ Band Metadata

> Band_1

▼ Extent

Property	Value
Top	90.000000
Bottom	-90.000000
Left	-180.000000
Right	180.000000

▼ Spatial Reference

Property	Value
Geographic Coordinate System	GCS_WGS_1984
WKID	4326
Previous WKID	-1
Authority	EPSG
Angular Unit	Degree (0.0174532925199433)
Prime Meridian	Greenwich (0.0)
Datum	D_WGS_1984
Spheroid	WGS_1984
Semimajor Axis	6378137.000000
Semiminor Axis	6356752.314245
Inverse Flattening	298.257224

▼ Statistics

Build Parameters: skipped columns: 1, rows: 1, ignored value(s):

Band Name	Minimum	Maximum	Mean	Std Deviation
Band_1	0	1080.96496582031	167.371142724442	247.796009519089

General

Defaults

Multidimension

Find Mosaic Dataset Defaults

▼ Image Properties

Property	Value
Maximum Size of Requests - Rows	5000
Maximum Size of Requests - Columns	5000
Allowed Compression Methods	lerc,none,jpeg,lz77
Default Resampling Method	Bilinear Interpolation (for continuous data)
Maximum Number of Rasters Per Mosaic	2
Cell Size Tolerance Factor	0.800000
Allowed Mosaic Methods	ByAttribute,NorthWest,Center,LockRaster,Nadir,Viewpoint,Seamline,None
Default Sorting Order	<input checked="" type="checkbox"/>
Default Mosaic Operator	First
Blend Width Unit	Pixels
Blend Width	10.000000
Viewpoint Spacing X	600.000000
Viewpoint Spacing Y	300.000000
Always Clip the Raster to its Footprint	<input checked="" type="checkbox"/>
Always Clip Overview to its Footprint	<input type="checkbox"/>
Footprint may contain NoData	<input type="checkbox"/>
Always clip the mosaic dataset to it's boundary	<input type="checkbox"/>
Apply Color Correction	<input type="checkbox"/>
Minimum Pixel Contribution	100

▼ Catalog Properties

Property	Value
Raster Metadata Level	Basic
Maximum number of records returned per request	1000
Allowed Fields	name,minps,maxps,lowps,highps,tag,groupname,productname,centerx,ce...
Coordinate System Transformations	None

▼ Time Properties

☒ Use Time

Property	Value
Start Time Field	stdtime

CPL_VSIL_CURL_ALLOWED_EXTENSIONS=.mrf,.idx,.lrc