

# Importing ACRES NOAA data

Importing ACRES NOAA data into IP software packages

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## I. ENVI – UNIX version 3.4

### Step 1: Import NOAA data into ENVI

From the Main Menu, select *File/Open External File/Generic Formats/HDF*.  
Select file from *Enter HDF Filenames* drop down list.

Select bands from *HDF Dataset Selection* window (multiple bands may be selected), then OK.

From *Available Bands list*, select layer to be displayed and then click *Load Band* or *Load RGB*.

### Step 2: Georeference NOAA image

From the *Main Menu*, select *File/Edit ENVI Header*.

From *Edit Header Input File* dialog, select a band and double click to display *Header Info*.  
Click *Edit Attributes* button and *Map Info*.

Enter top left image corner information and set *Image Coord X* to 1.5, *Image Coord Y* to 1.5,  
*Pixel size* to 0.01 degrees, and *Map Rotation* to 0.0.  
Click *Change Map Projection* button and select *Geographic Lat/Lon* from the *Projection* drop  
down menu.

Select WGS84 from the *Datums* drop down menu, then OK.

Select OK in *Projection Selection Window*.

Enter the *Upper left image coords* in *Map Information* window using the *Image Coordinate* from  
the metadata file.

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