

This **NetCDF** file contains

- a 3D matrix of **monthly rainfall** for Africa for the period 1940-1999

- two other matrixes,

 - one containing the **longitude** value for every pixel, and

 - the second, the **latitude** value for every pixel.

It was built from the ASCII grids already available as free download on this site.

The parameters of the IDW command are:

- the default power value: **2**,

- the priority is given to the **radius** around the interpolated point with a value of 6 times the cell size of the output grid (in this case, each cell is half a square degree, the radius is then 3 decimal degrees). All the points within the radius are used to interpolate,

- a minimum of **4 points** is required to spatialize, if this minimum is not filled, the radius is extended until the program finds 4 points,

- the output grid **cell size** is half a square degree, this is the common resolution of the grids used for regional modelling.