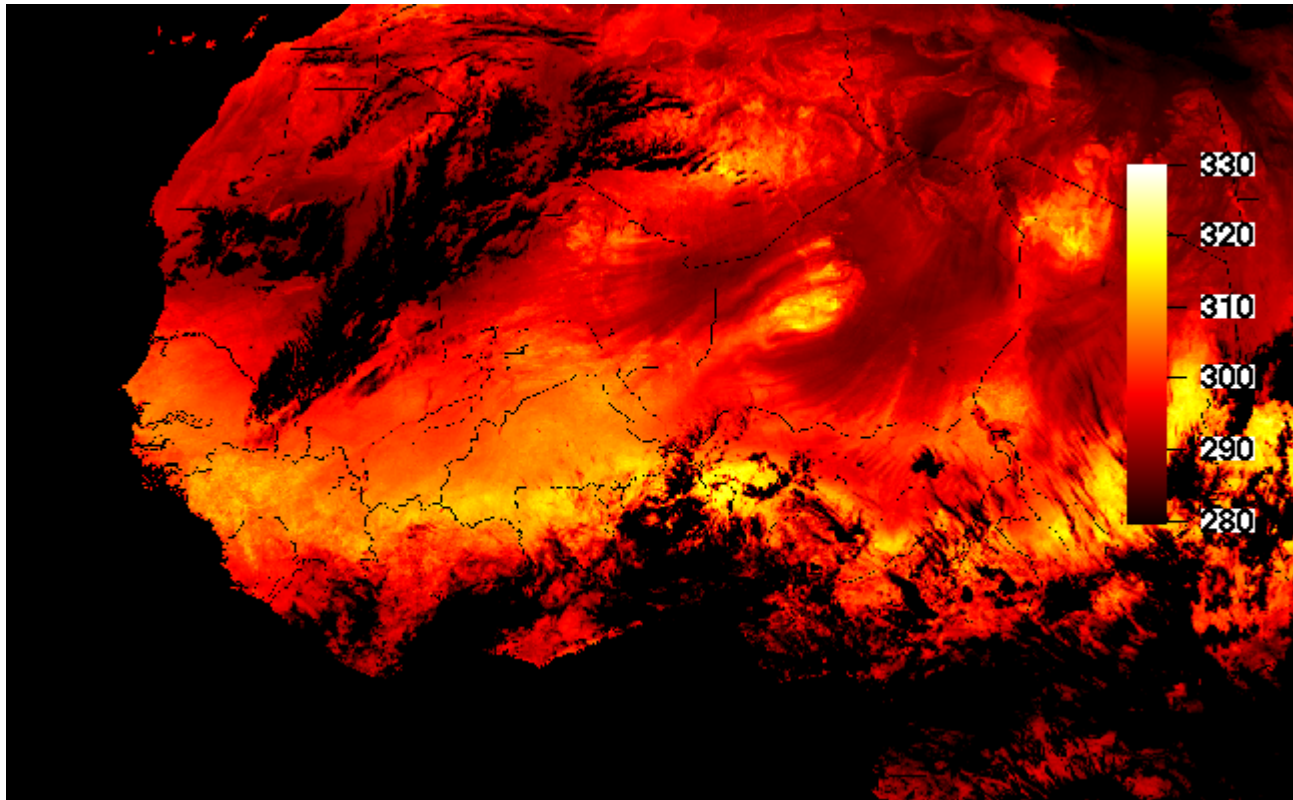


Land

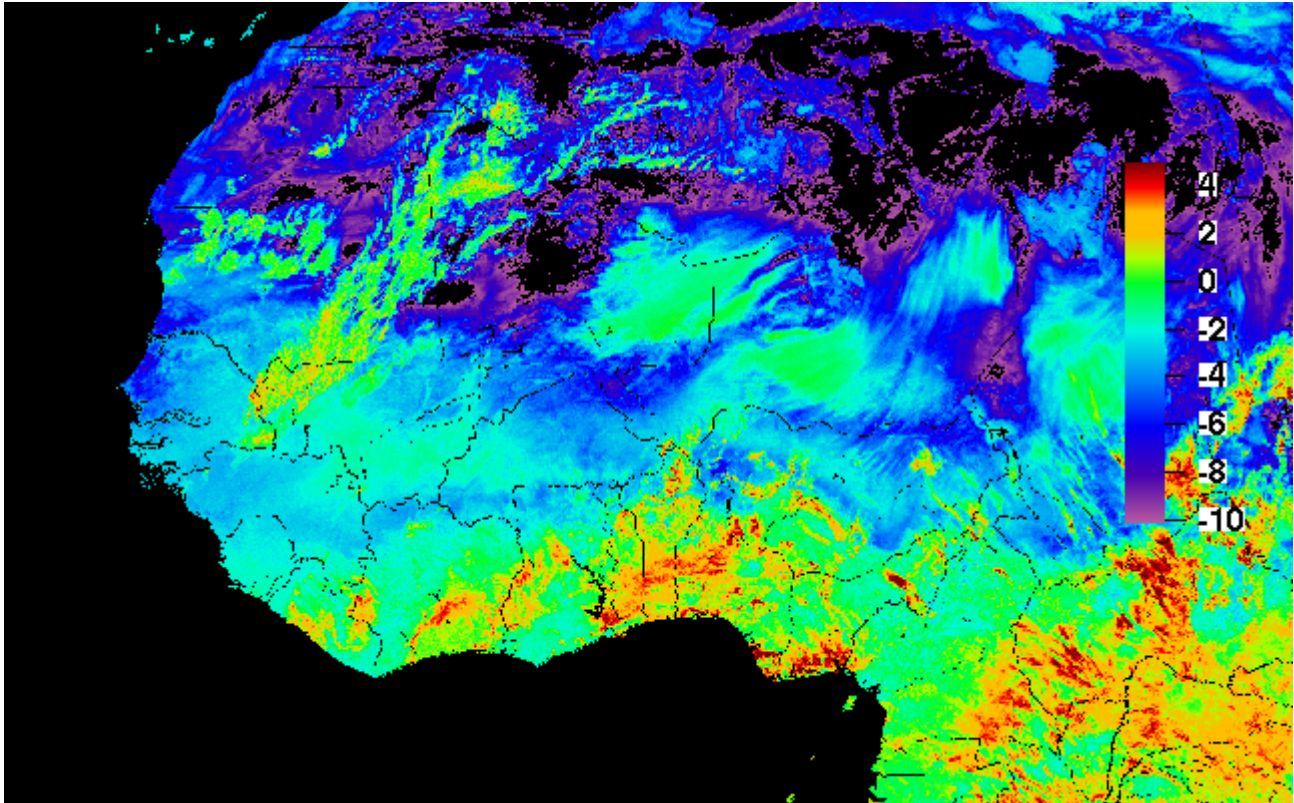
Meteosat-8 images

8 March 2006 12:00 UTC, dust outbreak over the Sahara.

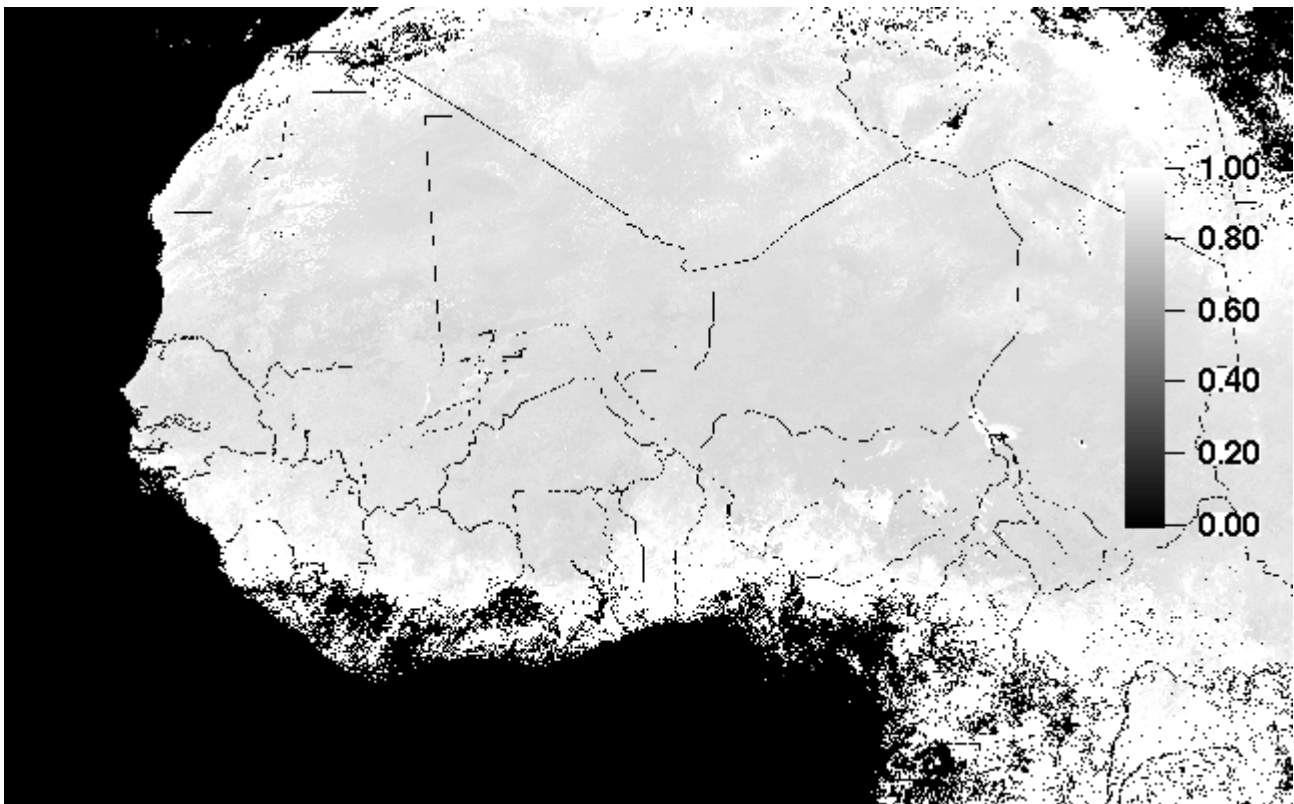
The desert surface is characterized by very low emissivity at IR8.7 μ m, we can see it appear darker on the image:



If we make the difference between 8.7 μ m and 10.8 μ m we are able to separate the clear-sky regions from the regions with aerosols:



In order to make a reference image with the surface contribution we estimate the surface emissivity from the clear-sky observations:



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Last update: **2013/10/14 11:04**

