The emissivity products are available for 7 channels: 19V, 19H, 22V, 37V, 37H, 85V, 85H

The data are in daily square maps (0.25° x 0.25°) in binary (real\*4) format.

The Data format is in Flat binary (.bin) 4-byte floating point values.

The Spatial Resolution is 25 km.

The Grid size is 720 x 1440

The projection is Equal-area

File naming is: SQ19V\_mmddyyyy.bin

The size of each file is 4.1 MB.

The data are zipped for 12 years (Jan 1993 to Dec 2004) with daily resolution for each channel.

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**To read the data in Matlab:**

filename=['SQ85V\_12242004.out'];

mtx=readmtx(filename,720,1440,'real\*4',[1:720],[1:1440]);

**To read the data in Fortran:**

real\*4 EM85V(1440,720)

character\*255 filename

filename=['SQ85V\_12242004.out'];

open(10,file=filename,form='unformatted',access='direct',recl=(1440\*720),iostat=irc,status='old')

read(10,rec=1,iostat=irc) EM85V

close(10)