The snow products are available 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: Snowmap\_mmddyyyy.bin and the size of each file is 4MB.

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

The Snowcover code description is:

|  |  |
| --- | --- |
| **Value** | **Description** |
| 0 | Ocean |
| 1 | Snow |
| 2 | Land |

**To read the data in Matlab:**

filename=‘Snowmap\_mmddyyyy.bin’

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

mtx3=reshape(mtx,1440,720);

mtx3=flipud(rot90(mtx));

**To read the data in Fortran:**

real\*4 Snow(1440,720)

character\*255 filename

filename=‘Snowmap\_mmddyyyy.bin’

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

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

close(10)