Download and plot the files below as maps. File formats are lon, lat, B_r where B_r is the radial component of the magnetic field at the location at latitude, λ and longitude, ϕ. Br is computed on an evenly space (2° spacing) lat, lon grid.

Files (7 total):
  a) deg1_surf.br
  b) deg2_surf.br
  c) deg5_surf.br
  d) deg14_surf.br
  e) deg2_core.br
  f) deg5_core.br
  g) deg14_core.br

The code snippet below is helpful – you can then just contour the grid d2sm

```
d2s=load('deg2_surf.br');
d2sm=reshape(d2s,181,91)';
lat=-90:2:90;
lon=0:2:360;
```

My figure for the degree and order 2 field (i.e. including all spherical harmonic terms up to degree and order 2) looked like this