

---

Subject: Reading part of a netcdf file?

Posted by [rjp23](#) on Tue, 24 Sep 2013 15:26:51 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I have a very large (22GB) netcdf file and I was hoping there was some way to read part of it at a time into IDL but I can't figure out how.

For example, I have this variable:

```
Var          FLOAT    = Array[144, 72, 17, 32161]
```

The 4th dimension is time, i.e. there are 32161 timesteps.

Is it possible to read only the first X in one go, then read the next X, etc meaning that less is stored in memory at once?

Cheers

Rob

---