Some Comments on Ranadu-produced data.frames

1. Want to load every variable? Use "ALL".

2. data.frames produced by getNetCDF() preserve attributes.

3. [caution: use sparingly] The command "attach()" – consider "with()" instead.

4. R uses NA for missing variables. netCDF -32767. missing-values are converted to NA.

5. FI <- DataFileInfo (file.address) gives info on a netCDF file.

R code and result

```
fileName <- sprintf("%sMPEX/MPEXrf05.nc",
    DataDirectory())
FI <- DataFileInfo(fileName)
## best to assign to a variable;
## otherwise, a large number of lines will
## be printed. You can then look at the
## individual components.
names(FI)


##  [1] "Number"    "Project"   "Platform"  "DataFile"  "Sta
##  [6] "End"       "Rate"      "LatMin"    "LatMax"    "Lon
## [11] "LonMax"    "Variables"


FI$Platform


## [1] "N677F"


sort(FI$Variables[51:60])


##  [1] "ALT_MTP"   "AQRATIO"   "AT_A"      "AT_A2"     "AT_
##  [6] "ATF1"      "ATH2"      "ATTACK"    "ATX"       "BAL
```