Format of the APF107.DAT file:

(see also COMMENT section of subroutine APF in IRIFUN.FOR)

year(I3), month(I3), day(I3),
3-hour Ap indices for the UT intervals (0-3),)3-6),)6-9), ..,)18-21),)21-24((8I3),
daily Ap (I3),
-11(I3),
F10.7 radio flux for the day (F5.1),
81-day average of F10.7 radio flux (F5.1),
365-day average of F10.7 centered on the date of interest (F5.1)

At the start and end of the index file the 81-day and 365-day averages are calculated taking only the available indices, e.g. for the first date the 81-day average is only over 40 F10.7 values and over 41 values on the 2nd date.

Format of the IG_RZ.DAT file:

The indices file IG_RZ.DAT contains the 12-month running mean of the ionosphere global (IG) index (IG12) and of the sunspot number (Rz12). IG_RZ.DAT is structured as follows (values are separated by comma) line by line:

month, day, year of the last update of this file,
a blank line
start month, start year, end month, end year,
a blank line
the IG12 index for the month before the start month of start year (needed for interpolation)
the IG12 indices for the rest of the start year,
the twelve IG12 indices for the year following the start year
.. and so on until the year before the end year,
the IG12 indices for the end year from January to the end month+1 (needed for interpolation)
a blank line
the Rz12 index for the month before the start month of start year (needed for interpolation)
the Rz12 indices for the rest of the start year,
the twelve Rz12 indices for the year following the start year
.. and so on until the year before the end year,
the Rz12 indices for the end year from January to the end month+1 (needed for interpolation)