

DATA FILE FORMAT

The filenames containing the **raw** or unprocessed magnetometer data have the form:

mYYYYMMDD.stn

where:

m = letter "m"

l = an identifier letter for internal use within IPS with definitions given in the [station parameters file](#).

YY = 2 digit year

MM = 2 digit month

DD = 2 digit day

stn = three letter station abbreviation code.

Data is written to files in the following format:

The first line is a one-line header of [station parameters](#) that provide limited information relating to the field station and equipment used. The remaining lines of the file are the data records. Each record is of the form:

hh mm ss data1 data2 dataN

where:

hh = the UT hour the measurement was taken

mm = the minute the measurement was taken

ss = the second the measurement was taken

data1 data2 dataN = the measurements in nano-Tesla for the N geomagnetic field components as defined in the one-line header of [station parameters](#).

The format of each data record is also given in the one-line header of each file as defined by the [station parameters](#).