Format descriptions for *K* index data

WDC format

Line 1:   from the 9th position - Observatory name and the lower limit of the disturbance
            amplitude for *K* = 9 in nT.
Line 2:   1 - 3 positions - Observatory code.
Line 3:   1 - 4 i4   Year.
            6 - 7 i2   Month.
            9 - 10 i2   Day.
            13 - 15 i3   Day of the year.
            17 - 32 8i2   Eight 3-hourly values of the index for the day.
            35 - 36 i2   The sum of 8 values of the index per day.
Line 4 and all subsequent to the end of the month:
            6 - 7 i2   Month.
            9 - 10 i2   Day.
            13 - 15 i3   Day of the year.
            17 - 32 8i2   Eight 3-hourly values of the index for the day.
            35 - 36 i2   The sum of 8 values of the index per day.
Then each new month begins with the 2nd line.
A missing value is identified by "-1".

INTERMAGNET format

The following information is given at the beginning of the file:
    observatory code,
    geographic coordinates (optional),
    the lower limit of the disturbance amplitude for *K* = 9 in nT,
    year,
    format string.

Then there are data lines in the following format:

Positions	Description
4 - 5	Day of month.
6	' - '
7 - 9	Three-letter abbreviation of the month name.
10	' - '
11 - 12	Last two digits of the year.
16 - 18	Number of the day in the year.
23 - 24	The value of *K* index for a 3-hour interval.
28 - 29	The value of *K* index for a 3-hour interval.
33 - 34	The value of *K* index for a 3-hour interval.
38 - 39	The value of *K* index for a 3-hour interval.
45 - 46	The value of *K* index for a 3-hour interval.
50 - 51	The value of *K* index for a 3-hour interval.
55 - 56	The value of *K* index for a 3-hour interval.
60 - 61	The value of *K* index for a 3-hour interval.
69 - 70	The sum of 8 values of *K* index for the day.

The empty line is located after the end of the month.
A missing value is identified by "-1".