

FileName: LAmet\_MJ.DAY

LA = 2-character BIPM code of the LAB

MJ = 2 first characters of the mjd

DAY = 3 last characters of the mjd

File Content : simplified version of the RINEX 2.11 format for meteorological data

METEOROLOGICAL DATA FILE - HEADER SECTION DESCRIPTION			
HEADER LABEL (Columns 61-80)	DESCRIPTION	FORMAT	
DATA TYPE	METEOROLOGICAL DATA	A20	
PGM / RUN BY / DATE	- Name of program creating current file - Name of agency creating current file - Date of file creation	A20, A20, A20	
* COMMENT	Comment line(s)	A60	*
LAB NAME	BIPM Acronym of the Time Laboratory	A60	
# / TYPES OF OBSERV	- Number of different observation types stored in the file - Observation types PR : Pressure (mbar) TD : Dry temperature (deg Celsius) HR : Relative humidity (percent)  The sequence of the types in this record must correspond to the sequence of the measurements in the data records	I6,  9(4X,A2)     6X,9(4X,A2)	
SENSOR MOD/TYPER/ACC	Description of the met sensor - Model (manufacturer) - Type - Accuracy (same units as obs values) - Observation type Record is repeated for each observation type found in # / TYPES OF OBSERV record	A20, A20,6X, F7.1,4X, A2,1X	
END OF HEADER	Last record in the header section.	60X	

Records marked with \* are optional

METEOROLOGICAL DATA FILE - DATA RECORD DESCRIPTION		
OBS. RECORD	DESCRIPTION	FORMAT
EPOCH / MET	- Epoch in GPS time (not local time!) year (2 digits, padded with 0 if necessary) month,day,hour,min,sec  The 2-digit years in RINEX Version 1 and 2.xx files are understood to represent 80-99: 1980-1999   and   00-79: 2000-2079  - Met data in the same sequence as given in the header	1X,I2.2, 5( 1X,I2),       mF7.1

#### METEOROLOGICAL DATA FILE - EXAMPLE

METEOROLOGICAL DATA		DATA TYPE	
GETMETEO	ORB	3-APR-17 00:10	PGM / RUN BY / DATE
EXAMPLE OF A MET DATA FILE			COMMENT
ORB			LAB NAME
3	TD HR PR		# / TYPES OF OBSERV
HAENNI		0.1	TD SENSOR MOD/TYPE/ACC
ROTRONIC	I-240W	5.0	HR SENSOR MOD/TYPE/ACC
UNKNOWN		0.0	PR SENSOR MOD/TYPE/ACC
			END OF HEADER

  

17	4	1	0	15	0	10.6	89.5	1013.2
17	4	1	0	30	0	10.9	90.0	1014.1
17	4	1	0	45	0	11.6	89.0	1015.1