D-Met

Upper Air Sounding Software

Key Features

- Intuitive operation requires minimal system training
- Simple flow of operation
- Highly configurable to meet all user requirements
- Clear display of sounding data in a range of formats
- Real-time data processing
- Wide range of standard and configurable reports and messages
- Per-second data
- XDATA supported (e.g. Ozone sensor)
- Built-in tests
- Data distribution via a variety of interfaces
- Multi units support
- Multi language support
- Automatic Weather Station integration

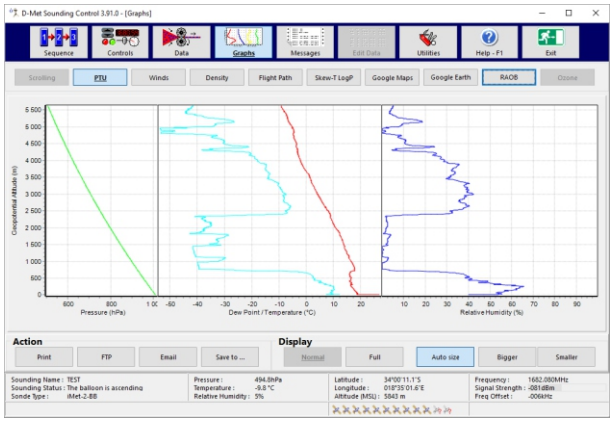
Graphs

- Pressure, temperature, humidity, density
- Wind speed, direction, N/E vector components, Hodograph
- Skew-T Log-P, Tephigram, Emagram, Stüve diagram
- Balloon ground track

Graphs available from launch

Interfaces with Google Earth and RAOB

Display, save, print, distribute, e-mail



D-Met PTU Graphs

Reports / Messages

Standard Messages:

- FM 35-XI Ext. TEMP, FM 36-XI Ext. TEMP SHIP, FM 38-XI Ext. TEMP MOBIL
- FM 32-XI Ext. PILOT, FM 33-XI Ext. PILOT SHIP, FM 34-XI Ext. PILOT MOBIL
- FM 94 BUFR 3 09 050, 3 09 051, 3 09 052, 3 09 055, 3 09 056, 3 09 057
- MET B2 STANAG 4061 (including expanded version)
- MET B3 STANAG 4061 (including expanded version)
- MET CM STANAG 4082 (including expanded version)
- MET TA STANAG 4140
- MET FM STANAG 2103
- MET SR
- METEO 11
- NASA SH1, SH2, SH4
- SHARPpy

Significant, standard levels, time and altitude messages:

- Time (UTC, local and elapsed time since launch)
- Altitude (geometric and geopotential heights)
- Position
- Wind speed and direction
- Pressure, temperature, relative humidity
- Dew point, dew point depression, frost point
- Ascent rate
- Air density, virtual temperature, mixing ratios and other meteorological parameters
- Ozone report
- Metadata
- XDATA (3rd-party sensor data)

Each type is fully configurable (e.g. units)
Available from launch
Automatic distribution via email, FTP or serial

Export to:

- KML
- RAOB

Utilities

- Data management and distribution
- Access control
- Help and manuals accessible from within software
- Archiving

D-Met is a Windows PC-based software package that may be used with any of the InterMet Africa radiosondes and antennas for detailed upper-air observation recording and management. It assists the user in preparation, execution and reporting on soundings. The package offers a wide range of graphs and reports.

Specifications subject to change without notice

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