

CIMEL

Data Format Description

The exact parameters of the installation site are listed below:

Full location name:	National Observatory of Athens, Thiseio
Short location name:	Athens-NOA
Country of location:	Greece
Location latitude [deg]:	37.9878
Location longitude [deg]:	23.7750
Location altitude [m]:	130

The full data record for Athens can be found at the official website of NASA https://aeronet.gsfc.nasa.gov/cgi-bin/data_display_aod_v3?site=ATHENS-NOA&nachal=2&level=3&place_code=10.

Data gathered in the output products of the ASPIRE data base relate to Level 1.5; they are cloud cleared and quality controls have been applied.

A comma-separated string for each output product contains the information in each case as described in detail below.

AOD Measurements

- **Column 1-2:** Date (dd:mm:yyyy), Time (hh:mm:ss)
- **Column 3-11:** AOD_1640nm, AOD_1020nm, AOD_870nm, AOD_675nm, AOD_500nm, AOD_440nm, AOD_380nm, AOD_340nm, Precipitable_Water(cm)
- **Column 12-16:** 440-870_Angstrom_Exponent, 380-500_Angstrom_Exponent, 440-675_Angstrom_Exponent, 500-870_Angstrom_Exponent, 340-440_Angstrom_Exponent

In any of the afore-mentioned retrievals, value 9e99= retrieval not successful.