

(1) Ersa, France ($42^{\circ}58'04.1''$, $9^{\circ}22'49.1''$)

Gases: NO_x (CRANOX), VOCs (PTR-ToF-MS-KORE)

Aerosols: PM_{10} total mass (TEOM-FDMS), online (non-refractive) PM_1

Chemistry : OA, SO_4^{2-} , NH_4^+ , NO_3^- (ACSM), ^{14}C (PM_1 , daily filters),
BC ($\text{PM}_{2.5}$, MAAP)

Meteorology: temperature, wind speed, wind direction, relative humidity

(2) Es Pinar, Spain ($39^{\circ}53'04.6''$, $3^{\circ}11'40.9''$)

Gases: NO_x (API Teledyne T200), VOCs (PTR-ToF-MS, Ionikon)

Aerosols: PM_{10} total mass (BETA corrected by factor obtained after

comparison with gravimetric), PM_1 online Chemistry: OA, SO_4^{2-} ,
 NH_3^+ , NO_3^- (HR-ToF-AMS), ^{14}C (PM_1 , daily filters),

BC ($\text{PM}_{2.5}$, Aethalometer AE33)

Meteorology: temperature, wind speed, wind direction, relative humidity

(3) Palma, Spain ($39^{\circ}36'20.88''$, $2^{\circ}42'23.7594''$), (4) Nîmes, France ($43^{\circ}51'21.6''$, $4^{\circ}24'21.5994''$), (5) Ajaccio, France ($41^{\circ}55'5.3256''$, $8^{\circ}47'38.0538''$)

Radiosondes: T , RH, wind speed, wind direction; at 00:00 and 12:00 UTC each day
