

Site	Latitude (N)	Longitude (W)	Elevation (m a.s.l.)	Parameter (device and model)	Operation period
CSIC	40°26′25″	03°41′17″	713	NO _x (Teledyne API 200EU) O ₃ (2B Technologies 202) UFP > 2.5 nm (CPC-TSI 3775) BC (Aethalometer-AE33) PM ₁ (OPC-GRIMM 1107)	9–20 July 2016
CIEMAT	40°27′23″	03°43′32″	669	NO _x (THERMO 17i) O ₃ (THERMO 49i) UFP > 7 nm (CPC-TSI 3772) UFP > 2.5 nm (CPC-TSI 3776) BC (Aethalometer-AE33) PM _{2.5} (TEOM©) Meteorological tower	4–20 July 2016
ISCIH	40°27′27″	03°51′54″	739	NO _x (THERMO 17i) O ₃ (THERMO 49i) UFP > 7 nm (CPC-TSI 3783) UFP > 2.5 nm (CPC-TSI 3776) BC (MAAP-THERMO) PM ₁ (OPC-GRIMM 1108) PTR-ToF-MS (HR 8000, Ionicon; operating procedures described in SI)	4–20 July 2016
MJDH-RC (vertical profiles)	40°28′30″	03°52′55″	729	UFP > 3 nm (CPC Hy-CPC) O ₃ (PO3M™ 2B Technologies) Meteorology (temperature, relative humidity, pressure, wind speed and direction)	11–14 July 2016
El Retiro	40°24′55″	03°41′04″	667	Meteorological parameters	4–20 July 2016