

	Instrument	Parameter used in this study	Frequency	Accuracy
Airborne platform	Nephelometer, TSI Model 3565, USA	$\sigma_{\text{sca}}, \sigma_{\text{bsca}}$	1 s	0.5 Mm^{-1}
	PSAP, Radiance Research Inc., USA	σ_{abs}	60 s	0.1 Mm^{-1}
	CWIP, Rain Dynamics, USA	T	1 s	$\pm 1^\circ$
		RH	1 s	2 %
		Position	0.1 s	
Xingtai supersite	CAPS, Aerodyne Res. Inc., USA	σ_{ext}	1 s	$< 2 \text{ Mm}^{-1}$
	Radiosondes, Graw Model DFM-09, Germany	Pressure	1 s	0.1 hPa
		T		0.1°
		RH		1 %
	CIMEL, CE-318, France	SSA	Hourly	0.03