

Supplement Table SI. Instruments and interval of measurements.

Instrument	Type of sensor or data recorded	Interval of measurement	Manufacturer and type
Raingauge	0.5-mm per tip	1 min.	B-071-02-00, Yokogawa Denshi Co., Ltd. Tokyo, Japan
	Storage type	Once or twice a day excluding during a rain event.	Home-made, 22.7 cm in diameter, made of copper alloy
Flowmeter	0.1-mm per tip	5 min.	CTKF-0.1, Climatec Inc., Tokyo, Japan
	500-ml per tip	5 min.	J-271-01-00, Yokogawa Co., Ltd., Tokyo, Japan
	500-ml per tip	5 min.	UIZ-TB500, Uizin Co. Ltd., Tokyo, Japan
Electric balance	2000-ml per tip	5 min.	UIZ-TB2000, Uizin Co. Ltd., Tokyo, Japan
		1 min.	UX4200S, Shimadzu Corporation, Kyoto, Japan
Digital push-pull gauge		1 min.	RX-20, Aikoh Engineering, Co., Ltd., Osaka, Japan
Anemometer	Ultrasonic	1 min.	SAT-540, Sonic Co., Ltd., Tokyo, Japan
Data logger	0.5-mm raingauge		M-3521-18-03, Yokogawa Denshi Co., Ltd., Tokyo
	0.1-mm raingauge, flowmeters (500-ml per tip), digital push-pull gauge, anemometer		GL220, Graphtec, Co., Ltd., Yokohama, Japan
	Flowmeter (2000-ml per tip)		UIZ3639, Uizin Co. Ltd., Tokyo, Japan