

Variable	No. of stations/sites	Instrument/source	Resolution (min)	Variable Code in database
Precipitation	6 ¹ +12	tipping bucket	breakpoint, 1, 15	rainfall_*
Air temperature	8 ¹ +1	official stations (SAIH) ¹	15	temperature
Solar radiation ¹	2			global_radiation
Air humidity ¹	2			relative_humidity
Water stage	1 ¹ + 5	capacitive, microwave, shaft encoder	1, 5, 15	water_stage_*
Discharge	1 ¹ +5	dilution, current meters	sporadic	discharge_metering, discharge_*
		from water stage	1, 5, 15	
Turbidity	3	turbidimeters	1, 5, 15	turbidity_*
Suspended sediment concentration	5	manual and automatic samplers	sporadic, event-based	ssc_generic, ssc_ISCO, ssc_manual,
	3	from turbidity	1, 5, 15	ssc_continuous_*
Reflectance spectra of soil samples	152	in situ and laboratory	–	_wavelength_nm_350-2151
Reflectance spectra of sediment samples	351	spectroscopy	–	_wavelength_nm_350-2151