



Supplement of

Streamflow generation in a nested system of intermittent and perennial tropical streams under changing land use

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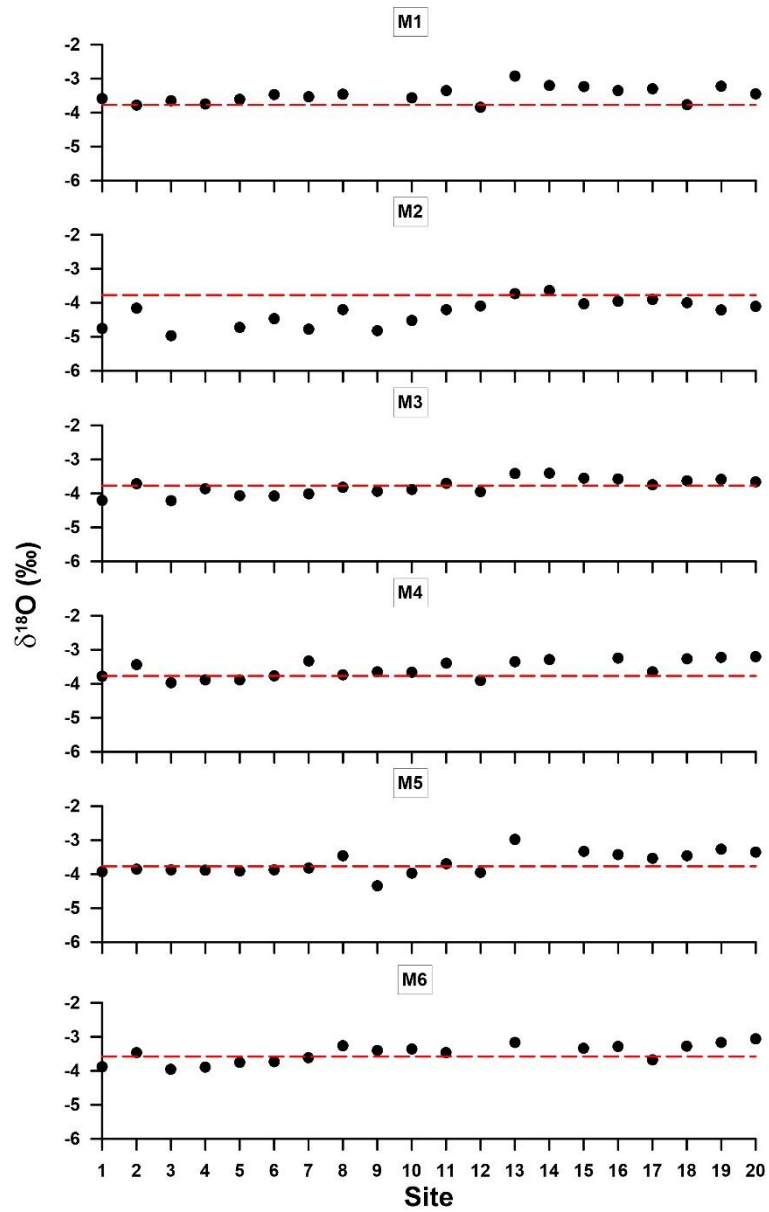


Figure S1. Oxygen-18 isotopic ratios ($\delta^{18}\text{O}$) in stream water samples collected at the 20 sampling sites within the Cube River catchment during six monitoring campaigns during the wet (M1 and M2), transitions (M3), and dry (M4-M6) periods. The dashed lines in all subplots represent the average $\delta^{18}\text{O}$ value (-3.7‰) of the samples collected at all monitoring sites during the six monitoring campaigns carried out in 2021 for reference.

Table S1. Detection limits of the chemical elements analysed in this study at each monitoring campaign (M1-M6).

Chemical element	Monitoring campaign					
	M1	M2	M3	M4	M5	M6
F ⁻ (mg/L)	0.05	0.05	0.05	0.05	0.05	0.05
NO ₃ ⁻ (mg/L)	0.11	0.11	0.11	0.11	0.11	0.11
TN (mg/L)	3.71	3.71	3.71	3.71	3.71	3.71
P (mg/L)	0.59	0.59	0.59	0.59	0.59	0.59
TOC (mg/L)	0.93	0.93	0.93	0.93	0.93	0.93
Al (µg/L)	77.22	77.22	84.04	77.22	77.22	77.22
As (µg/L)	23.12	23.12	13.65	23.12	23.12	23.12
Ba (µg/L)	1.03	1.03	1.50	1.03	1.03	1.03
Ca (mg/L)	0.33	0.33	0.29	0.33	0.33	0.33
Cd (µg/L)	0.99	0.99	1.49	0.99	0.99	0.99
Co (µg/L)	1.93	1.93	2.32	1.93	1.93	1.93
Cu (µg/L)	10.42	10.42	2.94	10.42	10.42	10.42
Cr (µg/L)	2.72	2.72	2.56	2.72	2.72	2.72
Fe (mg/L)	0.10	0.10	0.09	0.10	0.10	0.10
K (mg/L)	0.07	0.07	0.00	0.07	0.07	0.07
Mg (mg/L)	0.09	0.09	0.01	0.09	0.09	0.09
Mn (µg/L)	1.12	1.12	1.83	1.12	1.12	1.12
Mo (µg/L)	6.49	6.49	16.72	6.49	6.49	6.49
Na (mg/L)	0.31	0.31	0.44	0.31	0.31	0.31
Ni (µg/L)	2.89	2.89	3.17	2.89	2.89	2.89
Pb (µg/L)	8.16	8.16	6.79	8.16	8.16	8.16
V (µg/L)	3.68	3.68	2.76	3.68	3.68	3.68
Zn (µg/L)	6.11	6.11	9.33	6.11	6.11	6.11