

11. Supplement

615 **Suppl. Tab. 1: Difference between the median P_{tot} concentration on the rising and falling limb of the sprinkling experiments in [mg/l]. Positive values indicate that P_{tot} concentrations on the rising limb are higher than on the falling limb and negative values vice versa. Small values indicate that the difference between the median P_{tot} concentration on the rising and falling limb is small which means that the hysteresis is small and vice versa. Bold values indicate that the difference between P_{tot} concentration on the rising and falling limb is significantly different. NA indicates that this lysimeter or trench does not exist (TUT) or has not yield any water sample during the experiment (MIT).**

Event	LY1B	LY2B	LY3B	LY4B	TR1B	TR2B	TR3B
MIT Summer	0.642	0.010	0.072	0.104	-0.007	0.117	NA
MIT Spring	0.051	0.007	0.059	0.011	0.008	0.017	NA
CON Summer	0.063	0.004	0.012	0.000	0.488	0.059	0.062
CON Spring	0.176	0.113	0.007	-0.005	0.349	0.035	0.027
TUT Summer	0.319	-0.019	0.003	NA	0.106	0.006	NA
TUT Spring	0.049	0.003	0.029	NA	0.072	0.008	NA