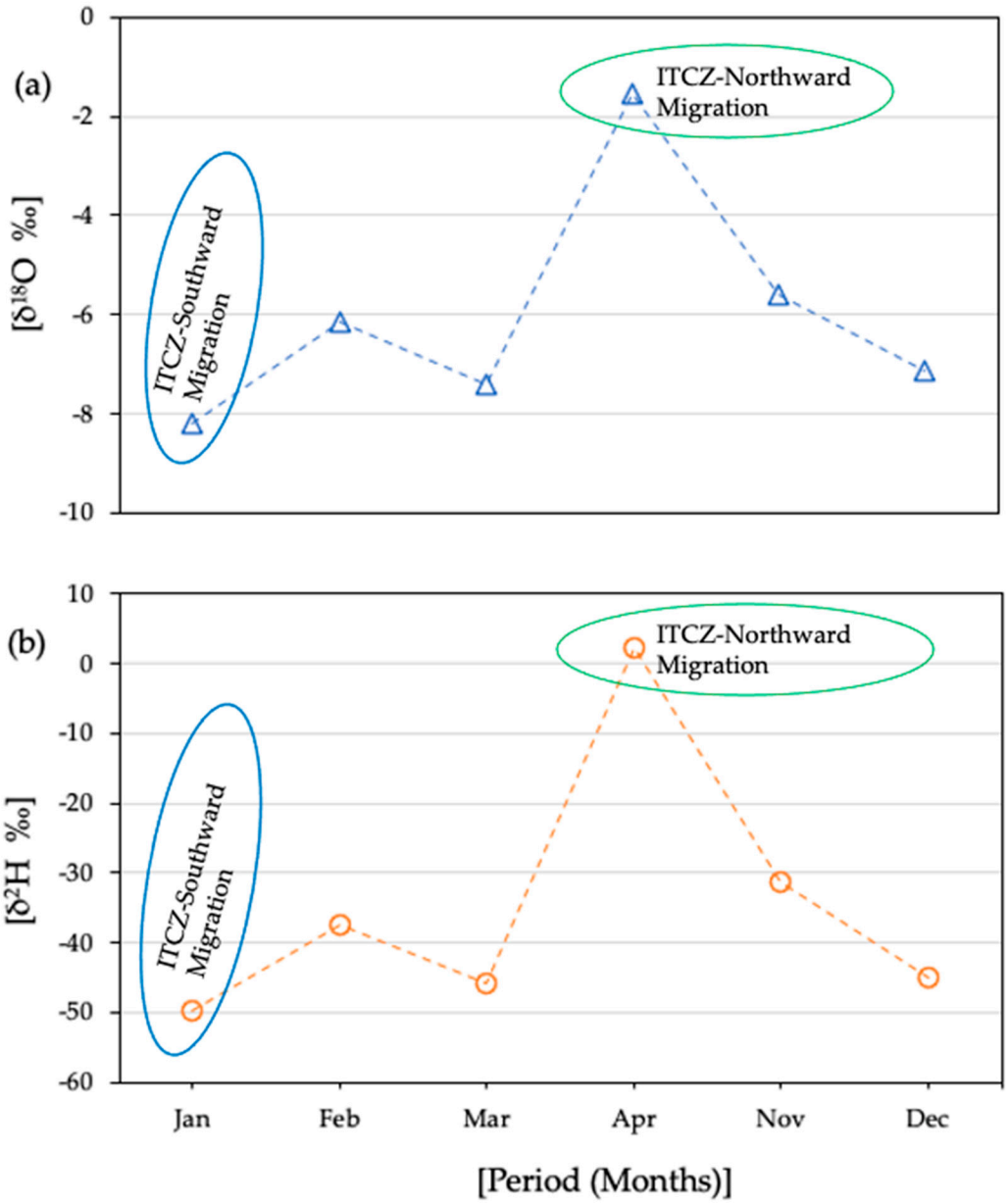
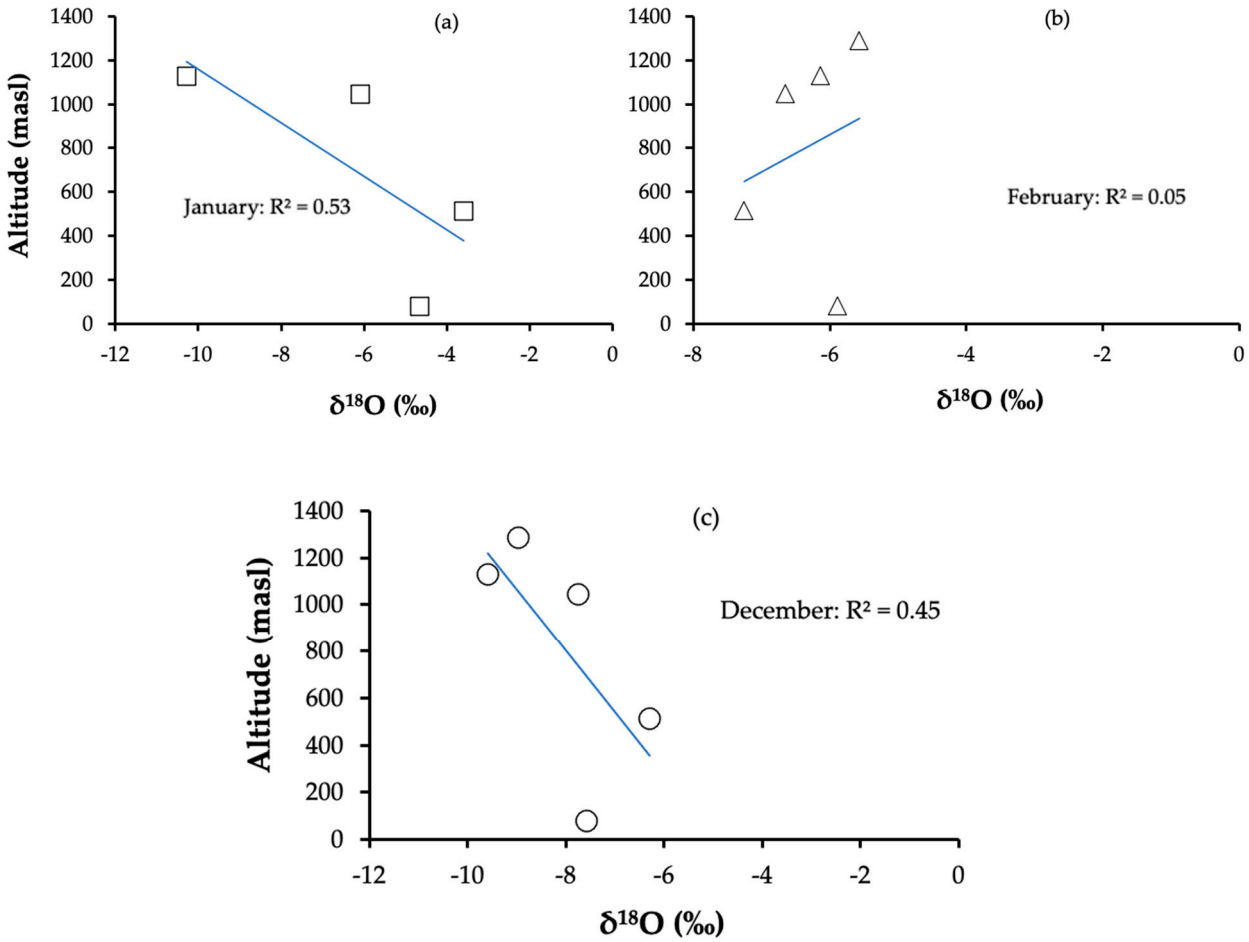
National Stable Isotope Baseline for Precipitation in Malawi to underpin Integrated Water Resources Management

Limbikani C. Banda[1], *, Michael O. Rivett[1], Anold S.K. Zavison[2], Sydney Kamtukule[2], and Robert M. Kalin[1]

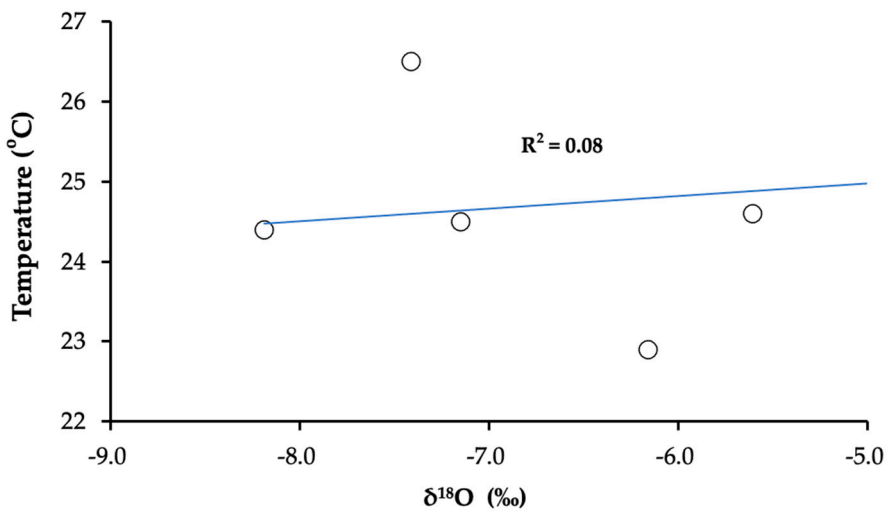
SM Figures



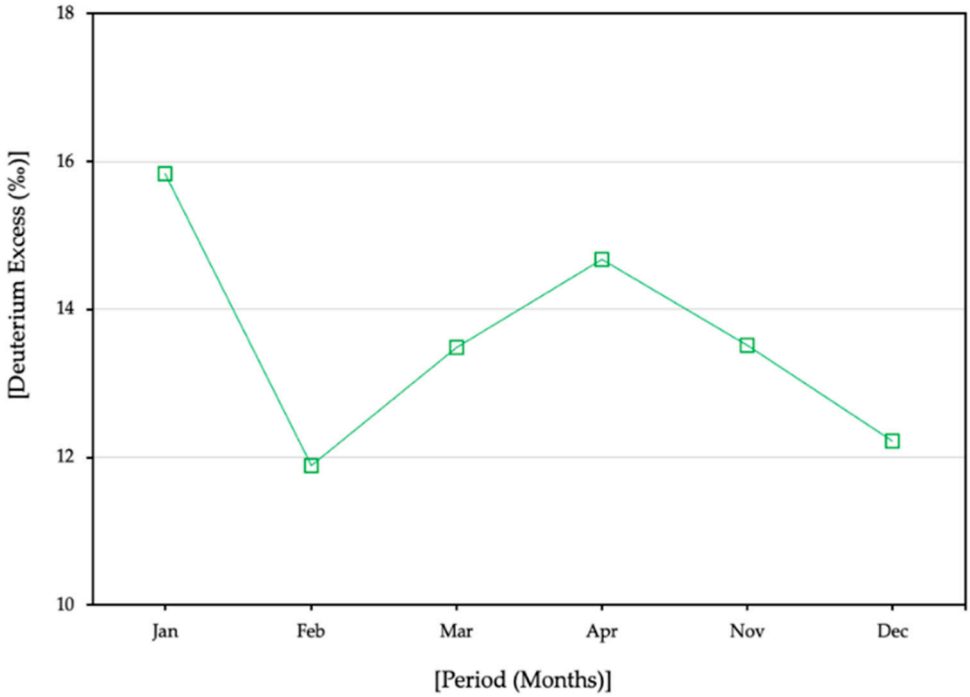
SM-Figure S1. Plots of weighted monthly mean values of $\delta^{18}O$ (a) and $\delta^{2}H$ (b) recorded at MNIP stations between 2014 and 2019, indicating monthly variations in isotopic signatures of local precipitation.



SM-Figure S2. Altitude effects on the $\delta^{18}O$ signatures of local precipitation in MNIP stations for the months of (a) January (b) February and (c) December over the period 2014-2019.



SM-Figure S3. Mean temperatures plotted versus $\delta^{18}O$ values for all monthly data for the MNIP stations over the period 2014-2019.



SM-Figure S4. Deuterium excess for each month of the wet season recorded at MNIP stations, indicating monthly variations in precipitation derived from weighted mean monthly values over the period 2014-2019.