

TABLE 2: Rain indexes, LMWLs and evaporation lines of different locations and climatic zones

Rain Collecting Location	Rain Index (RI)		Local Meteoric Water Line (LMWL)/ Evaporation Line	References
	$\delta^{18}\text{O}$ (‰)	$\delta^2\text{H}$ (‰)		
Puttalam	-5.98	-34.8	$\delta^2\text{H}=7.8\delta^{18}\text{O} + 12.1\text{‰}$ ($r^2= 0.97$) Evaporation Line: $\delta^2\text{H}=5.4\delta^{18}\text{O} -2.3\text{‰}$	Edirisinghe et al., 2014
Anuradhapura	-6.67	-40.7	$\delta^2\text{H}=7.9\delta^{18}\text{O} + 12.2\text{‰}$ ($r^2= 0.94$) Evaporation Line – North Central DZ: $\delta^2\text{H}=5.7\delta^{18}\text{O} -3.6\text{‰}$	Edirisinghe et al., 2017
Highland (~1400m)			$\delta^2\text{H}=7.9\delta^{18}\text{O} + 15.4\text{‰}$	Measured data in 2016
Intermediate Zone	-5.98	-35.3	$\delta^2\text{H}=7.9\delta^{18}\text{O} + 12.4\text{‰}$	Edirisinghe et al., 2017
Dry Zone - East Cost			$\delta^2\text{H}=7.9\delta^{18}\text{O} + 10.8\text{‰}$	Edirisinghe et al., 2017
Dry Zone - NE Valley			$\delta^2\text{H}=7.9\delta^{18}\text{O} + 11.8\text{‰}$	Edirisinghe et al., 2017