



Computation of long-term annual renewable water resources (RWR) by country (in km<sup>3</sup>/year, average)

## Malawi

Internal RWR		
Precipitation (mm/year)	[1]	1 181
Area of the country (1000 ha)	[2]	11 848
Precipitation (km <sup>3</sup> /year)	[3]	139.9 = $\frac{([1]/1000000) \times ([2] \times 10)}$
Surface water: produced internally	[4]	16.14
Groundwater: produced internally	[5]	2.5
Overlap between surface water and groundwater	[6]	2.5
<b>Total internal renewable water resources</b>	[7]	16.14 = $[4]+[5]-[6]$
External RWR		
	Total	Accounted
<u>Surface water</u>		
Surface water entering the country	1	
Inflow not submitted to treaties		[8] 1
Inflow submitted to treaties		0
Inflow secured through treaties		[9] 0
Flow in border rivers	0	[10] 0.14
Accounted inflow		[11] 1.14 = $[8]+[9]+[10]$
Surface water leaving the country	16.98	
Outflow not submitted to treaties		16.98
Outflow submitted to treaties		0
Outflow secured through treaties		[12] 0
Total external renewable surface water		[13] 1.14 = $[11]-[12]$
<u>Groundwater</u>		
Groundwater entering the country	0	[14] 0
Groundwater leaving the country	0	0
<b>Total external renewable water resources</b>		[15] 1.14 = $[13]+[14]$
Total RWR		
Surface water		[16] 17.28 = $[4]+[13]$
Groundwater		[17] 2.5 = $[5]+[14]$
Overlap between surface water and groundwater		[6] 2.5
<b>Total renewable water resources</b>		[18] 17.28 = $[16]+[17]-[6]$
Dependency ratio (%)		[19] 6.597 = $\frac{100 \times ([11]+[14])}{([11]+[14]+[7])}$