



Computation of long-term annual renewable water resources (RWR) by country (in km³/year, average)

Botswana

Internal RWR		
Precipitation (mm/year)	[1]	416
Area of the country (1000 ha)	[2]	58 173
Precipitation (km ³ /year)	[3]	242 = $\frac{[1]}{1000000} \times [2] \times 10$
Surface water: produced internally	[4]	0.8
Groundwater: produced internally	[5]	1.7
Overlap between surface water and groundwater	[6]	0.1
Total internal renewable water resources	[7]	2.4 = $[4]+[5]-[6]$
External RWR		
	Total	Accounted
<u>Surface water</u>		
Surface water entering the country	9.04	
Inflow not submitted to treaties		[8] 9.04
Inflow submitted to treaties		0
Inflow secured through treaties		[9] 0
Flow in border rivers	1.6	[10] 0.8
Accounted inflow		[11] 9.84 = $[8]+[9]+[10]$
Surface water leaving the country	0.6	
Outflow not submitted to treaties		0.6
Outflow submitted to treaties		0
Outflow secured through treaties		[12] 0
Total external renewable surface water		[13] 9.84 = $[11]-[12]$
<u>Groundwater</u>		
Groundwater entering the country	0	[14] 0
Groundwater leaving the country	0	0
Total external renewable water resources		[15] 9.84 = $[13]+[14]$
Total RWR		
Surface water		[16] 10.64 = $[4]+[13]$
Groundwater		[17] 1.7 = $[5]+[14]$
Overlap between surface water and groundwater		[6] 0.1
Total renewable water resources		[18] 12.24 = $[16]+[17]-[6]$
Dependency ratio (%)		[19] 80.39 = $\frac{100 \times ([11]+[14])}{([11]+[14]+[7])}$