



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

Rwanda

| Internal RWR | | |
|---|-----------|---|
| Precipitation (mm/year) | [1] | 1 212 |
| Area of the country (1000 ha) | [2] | 2 634 |
| Precipitation (km ³ /year) | [3] | 31.92 =([1]/1000000)x([2]x10) |
| Surface water: produced internally | [4] | 9.5 |
| Groundwater: produced internally | [5] | 7 |
| Overlap between surface water and groundwater | [6] | 7 (a) |
| Total internal renewable water resources | [7] | 9.5 =([4]+[5]-[6]) |
| External RWR | | |
| | Total | Accounted |
| <u>Surface water</u> | | |
| Surface water entering the country | 3.8 (b) | |
| Inflow not submitted to treaties | | [8] 3.8 |
| Inflow submitted to treaties | | 0 |
| Inflow secured through treaties | | [9] 0 |
| Flow in border rivers | 0 (c) | [10] 0 |
| Accounted inflow | | [11] 3.8 =([8]+[9]+[10]) |
| Surface water leaving the country | 6.145 (d) | |
| Outflow not submitted to treaties | | 6.145 |
| Outflow submitted to treaties | | 0 |
| Outflow secured through treaties | | [12] 0 |
| Total external renewable surface water | | [13] 3.8 =([11]-[12]) |
| <u>Groundwater</u> | | |
| Groundwater entering the country | 0 | [14] 0 |
| Groundwater leaving the country | 0 | 0 |
| Total external renewable water resources | | [15] 3.8 =([13]+[14]) |
| Total RWR | | |
| Surface water | | [16] 13.3 =([4]+[13]) |
| Groundwater | | [17] 7 =([5]+[14]) |
| Overlap between surface water and groundwater | | [6] 7 (a) |
| Total renewable water resources | | [18] 13.3 =([16]+[17]-[6]) |
| Dependency ratio (%) | | [19] 28.57 =100*([11]+[14])/([11]+[14]+[7]) |

Metadata:

- (a) Overlap between surface water and groundwater is 100% of groundwater recharge; most of the groundwater is drained by the rivers (equivalent to the low flow of water courses), as Rwanda is a humid landlocked country.
 (b) FROM: United Republic of Tanzania: 7.6/2 (Kagera/Akagera [border- RWA/TZA])
 (c) Small border river between Burundi and Rwanda, but as both countries contribute to it, it is not accounted.
 (d) TO: United Republic of Tanzania: 4.67 (Kagera/Akagera); Democratic Republic of the Congo: 0.3 (Feeding Kivu Lake); Burundi: +(4.7/2)/2 (Rusizi [border- BDI/COD])
 (d) (TZA):On Kagera/Akagera: This is the contribution from the Kanyaru to the Kagera