



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

Argentina

Internal RWR		
Precipitation (mm/year)	[1]	591
Area of the country (1000 ha)	[2]	278 040
Precipitation (km ³ /year)	[3]	1 643 =([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	276
Groundwater: produced internally	[5]	128 (a)
Overlap between surface water and groundwater	[6]	112
Total internal renewable water resources	[7]	292 =([4]+[5]-[6])
External RWR		
	Total	Accounted
<u>Surface water</u>		
Surface water entering the country	516.3 (b)	
Inflow not submitted to treaties		[8] 516.3
Inflow submitted to treaties		0
Inflow secured through treaties		[9] 0
Flow in border rivers	135.9 (c)	[10] 67.94
Accounted inflow		[11] 584.2 =([8]+[9]+[10])
Surface water leaving the country	48	
Outflow not submitted to treaties		48
Outflow submitted to treaties		0
Outflow secured through treaties		[12] 0
Total external renewable surface water		[13] 584.2 =([11]-[12])
<u>Groundwater</u>		
Groundwater entering the country	0	[14] 0
Groundwater leaving the country	0	0
Total external renewable water resources		[15] 584.2 =([13]+[14])
Total RWR		
Surface water		[16] 860.2 =([4]+[13])
Groundwater		[17] 128 =([5]+[14])
Overlap between surface water and groundwater		[6] 112
Total renewable water resources		[18] 876.2 =([16]+[17]-[6])
Dependency ratio (%)		[19] 66.67 =100*([11]+[14])/([11]+[14]+[7])

Metadata:

(a) The difference between groundwater and overlap is 16 km³/year, which is estimated to be distributed as follows over the different basins: NOA-Cuya 6; Pampeana-Litroal 4.2; Puelche aquifer 5.7; Guaraní aquifer 0.03.
 (b) FROM: Uruguay: 0 (Negro); Paraguay: 73.27 (Paraguay R.)+52.31 (Parana/Río de la Plata [border- PRY/ARG]); Chile: 3.15 (Gallegos); Brazil: 51.05 (Iguazu/Iguaçu)+326.4 (Parana/Río de la Plata)+130/2 (Uruguay R. [border- ARG/URY]); Bolivia (Plurinational State of): 10.1 (Bermejo)+5.92/2 (Pilcomayo [border- ARG/PRY])
 (c) Pilcomayo, coming from the Plurinational State of Bolivia and being the border between Argentina and Paraguay: total 5.92, accounted for 5.92/2=2.96. Uruguay river is border between Argentina and Brazil and then Argentina and Uruguay; Total flow 150, but 20 is considered to be sheet flow contribution by Argentina itself, which thus is removed. Total: 5.92/2+130/2=67.96.