



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

France

Internal RWR		
Precipitation (mm/year)	[1]	867
Area of the country (1000 ha)	[2]	54 909
Precipitation (km ³ /year)	[3]	476.1 =([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	198
Groundwater: produced internally	[5]	120
Overlap between surface water and groundwater	[6]	118 (a)
Total internal renewable water resources	[7]	200 =([4]+[5]-[6]) (b)
External RWR		
	Total	Accounted
<u>Surface water</u>		
Surface water entering the country	[11]	(c)
Inflow not submitted to treaties		[8] 11
Inflow submitted to treaties		0
Inflow secured through treaties		[9] 0
Flow in border rivers	[10]	0 (d)
Accounted inflow		[11] 11 =([8]+[9]+[10])
Surface water leaving the country	[12]	(e)
Outflow not submitted to treaties		18
Outflow submitted to treaties		0
Outflow secured through treaties	[12]	0
Total external renewable surface water	[13]	11 =([11]-[12])
<u>Groundwater</u>		
Groundwater entering the country	[14]	0
Groundwater leaving the country		
Total external renewable water resources	[15]	11 =([13]+[14])
Total RWR		
Surface water	[16]	209 =([4]+[13])
Groundwater	[17]	120 =([5]+[14])
Overlap between surface water and groundwater	[6]	118 (a)
Total renewable water resources	[18]	211 =([16]+[17]-[6])
Dependency ratio (%)	[19]	5.213 =100*([11]+[14])/([11]+[14]+[7])

Metadata:

(a) Overlap is less than 100% of groundwater recharge; most the groundwater is drained by rivers and becomes the low flow of water courses. Some groundwater (+/- 2 km³/yr) flows out into the sea as there is a long coast.

(b) EUROSTAT gives a value of 179.95 km³ (Source: EUROSTAT. 2015. EUROSTAT database. <http://ec.europa.eu/eurostat/data/database>. Accessed on 01/06/2015)

(c) Net inflow estimated at 10 km³/yr from Switzerland, 1 km³/yr from Spain, negligible from Belgium.

(d) Rhine excluded

(e) Net outflow estimated at 7 km³/yr to Belgium, 5 to Germany, 5 to Luxembourg and Germany (Moselle), 0.5 to Spain, 0.5 to Italy.