



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

Greece

Internal RWR		
Precipitation (mm/year)	[1] 652 (a)	
Area of the country (1000 ha)	[2] 13 196	
Precipitation (km ³ /year)	[3] 86.04 =([1]/1000000)x([2]x10)	
Surface water: produced internally	[4] 55.5	
Groundwater: produced internally	[5] 10.3	
Overlap between surface water and groundwater	[6] 7.8 (b)	
Total internal renewable water resources	[7] 58 =([4]+[5]-[6])	
External RWR		
	Total	Accounted
<u>Surface water</u>		
Surface water entering the country	7.6 (c)	
Inflow not submitted to treaties		[8] 7.6
Inflow submitted to treaties		0
Inflow secured through treaties		[9] 0
Flow in border rivers	5.6	[10] 2.8 (d)
Accounted inflow		[11] 10.4 =[8]+[9]+[10]
Surface water leaving the country	1.8	
Outflow not submitted to treaties		1.8
Outflow submitted to treaties		0
Outflow secured through treaties		[12] 0
Total external renewable surface water		[13] 10.4 =[11]-[12]
<u>Groundwater</u>		
Groundwater entering the country	0	[14] 0
Groundwater leaving the country	0	0
Total external renewable water resources		[15] 10.4 =[13]+[14]
Total RWR		
Surface water		[16] 65.9 =[4]+[13]
Groundwater		[17] 10.3 =[5]+[14]
Overlap between surface water and groundwater		[6] 7.8 (b)
Total renewable water resources		[18] 68.4 =[16]+[17]-[6]
Dependency ratio (%)		[19] 15.2 =100*([11]+[14])/([11]+[14]+[7])

Metadata:

(a) EUROSTAT gives a value of 871 mm (Source: EUROSTAT. 2015. EUROSTAT database. <http://ec.europa.eu/eurostat/data/database>. Accessed on 01/06/2015)

(b) Overlap is less than 100% of groundwater (GW) recharge; most the GW is drained by rivers and becomes the low flow of water courses. Some GW flows out into the sea from the long coast or islands (an estimation was indicated by a Greek source).

(c) 3 from Bulgaria; 4.6 from The former Yugoslav Republic of Macedonia

(d) Rule of 50 % of river flow applied for border river Evros between Greece and Turkey, so 2.8 is accounted as external resource.