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

Turkey

Internal RWR

Precipitation (mm/year)	[1]	593	
Area of the country (1000 ha)	[2]	78 535	
Precipitation (km³/year)	[3]	465.7	=([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	186	
Groundwater: produced internally	[5]	69	
Overlap between surface water and groundwater	[6]	28	
Total internal renewable water resources	[7]	227	=[4]+[5]-[6]

External RWR

	Total	Accounted	
Surface water			
Surface water entering the country	1.8		
Inflow not submitted to treaties		[8] 1.8	
Inflow submitted to treaties		0	
Inflow secured through treaties		[9] 0	
Flow in border rivers	5.8	[10] 2.9	
Accounted inflow		[11] 4.7	=[8]+[9]+[10]
Surface water leaving the country	60.12		
Outflow not submitted to treaties		41.22	
Outflow submitted to treaties		15.75	
Outflow secured through treaties		[12] 18.9	(a)
Total external renewable surface water		[13] -14.2	=[11]-[12]
Groundwater			
Groundwater entering the country	0	[14] -1.2	
Groundwater leaving the country	11	11	
Total external renewable water resources		[15] -15.4	=[13]+[14]

Total RWR

Surface water	[16]	171.8	=[4]+[13]
Groundwater	[17]	67.8	=[5]+[14]
Overlap between surface water and groundwater	[6]	28	
Total renewable water resources	[18]	211.6	=[16]+[17]-[6]
Dependency ratio (%)	[19]	15.18	=100*([11]+[14])/([11]+[14]+[7])

Metadata:

(a) Turkey has unilaterally guaranteed to allow 15.75 km3/year (500 m3/s) of water cross the border to the Syrian Arab Republic, but no formal agreement has been obtained so far on the sharing of the Euphrates water. To Georgia (Corub River) 3.15