



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

Tajikistan

Internal RWR		
Precipitation (mm/year)	[1]	691
Area of the country (1000 ha)	[2]	14 138
Precipitation (km ³ /year)	[3]	97.69 =([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	60.46 (a)
Groundwater: produced internally	[5]	6
Overlap between surface water and groundwater	[6]	3
Total internal renewable water resources	[7]	63.46 =[4]+[5]-[6]
External RWR		
	Total	Accounted
<u>Surface water</u>		
Surface water entering the country	34.19 (b)	
Inflow not submitted to treaties		[8] 0
Inflow submitted to treaties		34.19
Inflow secured through treaties		[9] 13.31 (c)
Flow in border rivers		[10] 0
Accounted inflow		[11] 13.31 =[8]+[9]+[10]
Surface water leaving the country	94.65 (d)	
Outflow not submitted to treaties		
Outflow submitted to treaties		94.65
Outflow secured through treaties		[12] 54.86 (e)
Total external renewable surface water		[13] -41.55 =[11]-[12]
<u>Groundwater</u>		
Groundwater entering the country	0	[14] 0
Groundwater leaving the country		
Total external renewable water resources		[15] -41.55 =[13]+[14]
Total RWR		
Surface water	[16]	18.91 =[4]+[13]
Groundwater	[17]	6 =[5]+[14]
Overlap between surface water and groundwater	[6]	3
Total renewable water resources	[18]	21.91 =[16]+[17]-[6]
Dependency ratio (%)	[19]	17.34 =100*([11]+[14])/([11]+[14]+[7])

Metadata:

(a) Amu Darya 59.45 (including Zeravshan); Syr Darya 1.01 (Reference for 1.01 irswr of Syr Darya: "CAWaterInfo. Undated. The Aral Sea Basin. (Available at: http://www.cawater-info.net/arak/index_e.htm Accessed on 20/06/2012)")

(b) Amu Darya from Kyrgyzstan 1.93; Syr Darya from Kyrgyzstan 27.42; Syr Darya from Uzbekistan 4.84.

(c) Amu Darya from Kyrgyzstan 1.51; Syr Darya from Uzbekistan 11.8 (including part from Kyrgyzstan flowing through Uzbekistan to Tajikistan).

(d) Amu Darya to UZB 59.45; Amu Darya to UZB 1.93 (from KGZ through UZB); Syr Darya to UZB 1.01; Syr Darya to UZB 27.42 (from KGZ through UZB); Syr Darya to UZB 4.84 (from UZB through TJK, then again crossing to UZB).

(e) Amu Darya to Uzbekistan 43.32, of which 22 to Uzbekistan (including Zeravshan 3.09) and 22 - 0.68 (IRSWR TKM) = 21.32 to Turkmenistan (through Uzbekistan); Syr Darya 11.54 to Uzbekistan.