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

Kyrgyzstan

Internal RWR

Precipitation (mm/year)	[1]	533	
Area of the country (1000 ha)	[2]	19 995	
Precipitation (km³/year)	[3]	106.6	=([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	46.46	(a)
Groundwater: produced internally	[5]	13.69	(b)
Overlap between surface water and groundwater	[6]	11.22	(c)
Total internal renewable water resources	[7]	48.93	=[4]+[5]-[6]

External RWR

	Total		Accounted	
Surface water				
Surface water entering the country	0.558 (d)			
Inflow not submitted to treaties		[8]	0.558	
Inflow submitted to treaties			0	
Inflow secured through treaties		[9]	0	
Flow in border rivers	0	[10]	0	
Accounted inflow		[11]	0.558	=[8]+[9]+[10]
Surface water leaving the country	41.81 (e)			
Outflow not submitted to treaties			5.72	(f)
Outflow submitted to treaties			36.09	(g)
Outflow secured through treaties		[12]	25.87	(h)
Total external renewable surface water		[13]	-25.31	=[11]-[12]
Groundwater				
Groundwater entering the country	0	[14]	0	
Groundwater leaving the country				
Total external renewable water resources		[15]	-25.31	=[13]+[14]

Total RWR

Surface water	[16]	21.15	=[4]+[13]
Groundwater	[17]	13.69	=[5]+[14]
Overlap between surface water and groundwater	[6]	11.22	(c)
Total renewable water resources	[18]	23.62	=[16]+[17]-[6]
Dependency ratio (%)	[19]	1.128	=100*([11]+[14]) /([11]+[14]+[7])

Metadata:
(a) Amu Darya 1.93; Syr Darya 27.42; Southeastern (Tarim) 5.36; Chu 5.00; Talas and Assa 1.74; Lake Issyk-Kul 4.65; Karkyra (Lake Balkhash) 0.36.
(b) Amu Darya 0.23; Syr Darya 5.25; Southeastern (Tarim) 1.76; Chu 3.60; Talas and Assa 0.83; Lake Issyk-Kul 2.02.
(c) Amu Darya 0.23; Syr Darya 4.70; Southeastern (Tarim) 1.76; Chu 2.56; Talas and Assa 0.36; Lake Issyk-Kul 1.61.
(d) From rivers on the west slopes of Barluke mountain in China.
(e) Lake Issyk-Kul basin is an interior and internal basin and all rivers flowing to it originate within the country (4.65). Thus outflow does not include this basin, which is equal to the IRSWR (46.46) minus the flow to Lake Issyk-Kul (4.65), distributed as follows: Amu Darya to TJK 1.93; Syr Darya to UZB 27.42; Chu to KAZ 5.00; Talas and Assa to KAZ 1.74; Lake Balkhasha to KAZ 0.36; Tarim to CHN 5.36.
(f) Southeastern basins flowing towards China 5.36; limited resources generated in the Lake Balkhash basin 0.36.
(g) Amu Darya to Tajikistan 1.93; Syr Darya to Tajikistan 27.42; Chu to Kazakhstan 5.00; Talas and Assa to Kazakhstan 1.74.
(h) Amu Darya to Tajikistan 1.51; Syr Darya to Uzbekistan 22.33; Chu, Talas and Assa to Kazakhstan 2.03.