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

Guatemala

Internal RWR

Precipitation (mm/year)	[1]	1 996	
Area of the country (1000 ha)	[2]	10 889	
Precipitation (km³/year)	[3]	217.3	=([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	100.7	(a)
Groundwater: produced internally	[5]	33.7	
Overlap between surface water and groundwater	[6]	25.2	
Total internal renewable water resources	[7]	109.2	=[4]+[5]-[6]

External RWR

		Total	Accounted	
Surface water				
Surface water entering the country		18.71		
Inflow not submitted to treaties	[8]		18.71	(b)
Inflow submitted to treaties			0	
Inflow secured through treaties	[9]		0	
Flow in border rivers	[10]	0	0	
Accounted inflow	[11]		18.71	=[8]+[9]+[10]
Surface water leaving the country		62.49		(c)
Outflow not submitted to treaties			62.49	
Outflow submitted to treaties			0	
Outflow secured through treaties	[12]		0	
Total external renewable surface water	[13]		18.71	=[11]-[12]
Groundwater				
Groundwater entering the country	[14]	0	0	
Groundwater leaving the country		0	0	
Total external renewable water resources	[15]		18.71	=[13]+[14]

Total RWR

Surface water	[16]	119.4	=[4]+[13]
Groundwater	[17]	33.7	=[5]+[14]
Overlap between surface water and groundwater	[6]	25.2	
Total renewable water resources	[18]	127.9	=[16]+[17]-[6]
Dependency ratio (%)	[19]	14.63	=100*([11]+[14])/([11]+[14]+[7])

Metadata:
(a) Vertiente Océano Pacífico 25.5; Vertiente Mar Caribe 31.9; Vertiente Golfo de México 43.3.
(b) From Mexico: 18.71 through tributaries of Usumacinta river.
(c) On Mopán and Sarstún: Sarstún is Border, Mopán becomes Belize
(c) On Paz, Guija Lake and others: Guija Lake is 1.57 (affluent to Lempa)
(c) TO: Belize: 100.7*0.06 (Mopán and Sarstún); El Salvador: +(100.7*0.07) (Paz, Guija Lake and others); Honduras: 100.7*0.005 (Lempa)+1 (Motagua [border- GTM/HND])