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

Costa Rica

Internal RWR

Precipitation (mm/year)	[1]	2 926	(a)
Area of the country (1000 ha)	[2]	5 110	
Precipitation (km³/year)	[3]	149.5	=([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	113	
Groundwater: produced internally	[5]	37.31	
Overlap between surface water and groundwater	[6]	37.31	
Total internal renewable water resources	[7]	113	=[4]+[5]-[6]

External RWR

		Total		Accounted	
Surface water					
Surface water entering the country		0			
Inflow not submitted to treaties			[8]	0	
Inflow submitted to treaties				0	
Inflow secured through treaties			[9]	0	
Flow in border rivers		0	[10]	0	
Accounted inflow			[11]	0	=[8]+[9]+[10]
Surface water leaving the country		9.655	(b)		
Outflow not submitted to treaties				9.655	
Outflow submitted to treaties				0	
Outflow secured through treaties			[12]	0	
Total external renewable surface water			[13]	0	=[11]-[12]
Groundwater					
Groundwater entering the country		0	[14]	0	
Groundwater leaving the country		0		0	
Total external renewable water resources			[15]	0	=[13]+[14]

Total RWR

Surface water	[16]	113	=[4]+[13]
Groundwater	[17]	37.31	=[5]+[14]
Overlap between surface water and groundwater	[6]	37.31	
Total renewable water resources	[18]	113	=[16]+[17]-[6]
Dependency ratio (%)	[19]	0	=100*([11]+[14])/([11]+[14]+[7])

Metadata:
(a) For the period 1974-1994, national sources quote a figure of 167.2 km3/year which is equivalent to 3272mm
(b) TO: Nicaragua: 6.95 (San Juan); Panama: 5.409/2 (Sixaola [border- CRI/PAN])