



Computation of long-term annual renewable water resources (RWR) by country (in km<sup>3</sup>/year, average)

## Panama

Internal RWR		
Precipitation (mm/year)	[1]	2 928
Area of the country (1000 ha)	[2]	7 542
Precipitation (km <sup>3</sup> /year)	[3]	220.8 =([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	133.2 (a)
Groundwater: produced internally	[5]	21
Overlap between surface water and groundwater	[6]	17.6
<b>Total internal renewable water resources</b>	[7]	136.6 =([4]+[5]-[6])
External RWR		
	Total	Accounted
<u>Surface water</u>		
Surface water entering the country	[b]	0
Inflow not submitted to treaties		[8] 0
Inflow submitted to treaties		0
Inflow secured through treaties		[9] 0
Flow in border rivers	[10] 5.409	[10] 2.704
Accounted inflow		[11] 2.704 =([8]+[9]+[10])
Surface water leaving the country	[c]	0
Outflow not submitted to treaties		0
Outflow submitted to treaties		0
Outflow secured through treaties		[12] 0
Total external renewable surface water		[13] 2.704 =([11]-[12])
<u>Groundwater</u>		
Groundwater entering the country	[d]	0
Groundwater leaving the country	[e]	0
<b>Total external renewable water resources</b>		[15] 2.704 =([13]+[14])
Total RWR		
Surface water	[16]	135.9 =([4]+[13])
Groundwater	[17]	21 =([5]+[14])
Overlap between surface water and groundwater	[6]	17.6
<b>Total renewable water resources</b>	[18]	139.3 =([16]+[17]-[6])
Dependency ratio (%)	[19]	1.941 =100*([11]+[14])/([11]+[14]+[7])

Metadata:

(a) Período 1971-2002

(b) FROM: Costa Rica: 5.409/2 (Sixaola [border- CRI/PAN])