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

Ecuador

Internal RWR

Precipitation (mm/year)	[1]	2 274	
Area of the country (1000 ha)	[2]	25 637	
Precipitation (km³/year)	[3]	583	=([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	432	
Groundwater: produced internally	[5]	134	(a)
Overlap between surface water and groundwater	[6]	123.6	
Total internal renewable water resources	[7]	442.4	=[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	[10]	0	0	
Accounted inflow	[11]		0	=[8]+[9]+[10]
Surface water leaving the country		163.8	(b)	
Outflow not submitted to treaties			163.8	
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	[14]	0	0	
Groundwater leaving the country		0	0	
Total external renewable water resources	[15]		0	=[13]+[14]

Total RWR

Surface water	[16]	432	=[4]+[13]
Groundwater	[17]	134	=[5]+[14]
Overlap between surface water and groundwater	[6]	123.6	
Total renewable water resources	[18]	442.4	=[16]+[17]-[6]
Dependency ratio (%)	[19]	0	=100*([11]+[14])/([11]+[14]+[7])

Metadata:
(a) Difference between groundwater and overlap is 10.4, which is given by MAGAP (2011) as groundwater resources in de Pacifico basin. Not known in Amazon basin.
(b) TO: Peru: 3.47 (Chira)+60 (Santiago)+65 (Napo)+0.29 (Zarumilla); Colombia: 20 (Mira)+15 (Putumayo)