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

Lao People's Democratic Republic

Internal RWR

Precipitation (mm/year)	[1]	1 834	
Area of the country (1000 ha)	[2]	23 680	
Precipitation (km³/year)	[3]	434.3	=([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	190.4	(a)
Groundwater: produced internally	[5]	37.9	
Overlap between surface water and groundwater	[6]	37.9	(b)
Total internal renewable water resources	[7]	190.4	=[4]+[5]-[6]

External RWR

	Total		Accounted	
Surface water				
Surface water entering the country	143.1	(c)		
Inflow not submitted to treaties		[8]	143.1	
Inflow submitted to treaties			0	
Inflow secured through treaties		[9]	0	
Flow in border rivers	0	[10]	0	
Accounted inflow		[11]	143.1	=[8]+[9]+[10]
Surface water leaving the country	333.6	(d)		
Outflow not submitted to treaties			333.6	
Outflow submitted to treaties			0	
Outflow secured through treaties		[12]	0	
Total external renewable surface water		[13]	143.1	=[11]-[12]
Groundwater				
Groundwater entering the country	0	[14]	0	
Groundwater leaving the country	0		0	
Total external renewable water resources		[15]	143.1	=[13]+[14]

Total RWR

Surface water	[16]	333.5	=[4]+[13]
Groundwater	[17]	37.9	=[5]+[14]
Overlap between surface water and groundwater	[6]	37.9	(b)
Total renewable water resources	[18]	333.5	=[16]+[17]-[6]
Dependency ratio (%)	[19]	42.91	=100*([11]+[14])/([11]+[14]+[7])

Metadata:
(a) Estimated as internal contribution to Mekong: Difference between (outflow of 324.45 to Cambodia + 9.1 to Viet Nam) minus (inflow of 73.63 from China + 17.6 from Myanmar + 51.9 from Thailand) equals 333.55-143.13equals190.42.
(b) Overlap between surface water and groundwater estimated by J. Margat is 100% of groundwater recharge. All groundwater drained by water courses.
(c) Inflow: 73.63 from China, 17.6 from Myanmar, 51.9 from Thailand. Total: 143.13.
(d) Outflow: 324.45 to Cambodia, 9.1 to Viet Nam. Total: 333.55.