Food and Agriculture Organization of the United Nations

AQUASTAT
Global Water Information System

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

Malta

Internal RWR

Precipitation (mm/year)	[1]	560	
Area of the country (1000 ha)	[2]	32	
Precipitation (km³/year)	[3]	0.	=([1]/1000000)x([2]x10)
Surface water: produced internally	[4]	0.	
Groundwater: produced internally	[5]	0.05	(a)
Overlap between surface water and groundwater	[6]	0	
Total internal renewable water resources	[7]	0.	=[4]+[5]-[6] (b)

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		0			
Outflow not submitted to treaties				0	
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]	0.	=[4]+[13]
Groundwater	[17]	0.05	=[5]+[14]
Overlap between surface water and groundwater	[6]	0	
Total renewable water resources	[18]	0.	=[16]+[17]-[6]
Dependency ratio (%)	[19]	0	=100*([11]+[14])/([11]+[14]+[7])

Metadata:
(a) Natural theoretical groundwater resources (GW recharge).
(b) 0.05 is the natural resources; if all is exploited you get salinisation of the aquifer (infiltration in the groundwater); in reality only 0.0155 is exploitable.