



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

Oman

Internal RWR		
Precipitation (mm/year)	[1] <input type="text" value="125"/>	(a)
Area of the country (1000 ha)	[2] <input type="text" value="30 950"/>	
Precipitation (km ³ /year)	[3] <input type="text" value="38.69"/>	$=([1]/1000000) \times ([2] \times 10)$
Surface water: produced internally	[4] <input type="text" value="1.05"/>	
Groundwater: produced internally	[5] <input type="text" value="1.3"/>	
Overlap between surface water and groundwater	[6] <input type="text" value="0.95"/>	
Total internal renewable water resources	[7] <input type="text" value="1.4"/>	$=([4]+[5]-[6])$ (b)

External RWR	Total	Accounted
Surface water		
Surface water entering the country	<input type="text" value="0"/>	
Inflow not submitted to treaties		[8] <input type="text" value="0"/>
Inflow submitted to treaties		<input type="text" value="0"/>
Inflow secured through treaties		[9] <input type="text" value="0"/>
Flow in border rivers	<input type="text" value="0"/>	[10] <input type="text" value="0"/>
Accounted inflow		[11] <input type="text" value="0"/>
		$=([8]+[9]+[10])$
Surface water leaving the country	<input type="text" value=""/>	
Outflow not submitted to treaties		<input type="text" value=""/>
Outflow submitted to treaties		<input type="text" value=""/>
Outflow secured through treaties		[12] <input type="text" value="0"/>
Total external renewable surface water		[13] <input type="text" value="0"/>
		$=([11]-[12])$
Groundwater		
Groundwater entering the country	<input type="text" value="0"/>	[14] <input type="text" value="0"/>
Groundwater leaving the country	<input type="text" value=""/>	<input type="text" value=""/>
Total external renewable water resources		[15] <input type="text" value="0"/>
		$=([13]+[14])$

Total RWR		
Surface water	[16] <input type="text" value="1.05"/>	$=([4]+[13])$
Groundwater	[17] <input type="text" value="1.3"/>	$=([5]+[14])$
Overlap between surface water and groundwater	[6] <input type="text" value="0.95"/>	
Total renewable water resources	[18] <input type="text" value="1.4"/>	$=([16]+[17]-[6])$
Dependency ratio (%)	[19] <input type="text" value="0"/>	$=100 \times ([11]+[14]) / ([11]+[14]+[7])$

Metadata:

(a) 19.25 km³ for rainfall equals 62 mm in Mitchell, T.D. et al. 2003. A comprehensive set of high-resolution grids of monthly climate for Europe and the globe: the observed record (1901-2000) and 16 scenarios (2001-2100) -> average of 125 mm/y (1961-90)
(b) One source mentions that 80% of the rainfall evaporates, leaving 20% as IRWR.