



Groundwater Body Code
MT006
Groundwater Body Name
Mizieb Mean Sea Level Groundwater Body
Reference Year
2004

General Characteristics

Location

The Mizieb Upper Coralline Limestone Aquifer is situated in the northern region of Malta and is bounded in the north by the Mizieb-Mistra Fault and the Manikata-Simar Fault in the south. The Mizieb syncline is the largest 'closed' basin structure known within the Maltese Islands. The occurrence of the Upper Coralline Limestone underlain by the Blue Clay in a synclinal structure gives rise to an ideal groundwater storage facility.

Area	5.2km ²
Main Aquifer	Lower Coralline Limestone
Main Aquifer Type	Fractured Carbonate Media
Groundwater Horizon	1
Maximum Length	1.3km
Maximum Width	5.7km
Mathematical centre of groundwater body	442500, 3978500
Hydro-geological characteristics	
Stratigraphy	Tertiary—Miocene
Mean Annual Precipitation	524mm
Mean Aquifer Thickness	31.5m
Main Recharge Source	Precipitation
Mean Annual Recharge	1.1hm ³
Pressures	
Main Land-Use Features (Corinne Landcover 2000)	
Discontinuous urban fabric	8%
Agriculture with significant area of natural vegetation	48%
Schlerophyllous vegetation	19%
Sparsely vegetated areas	3%
Mixed woodland	22%
Other Pressures	
Water Abstraction Purpose	Potable Supply, Irrigation
Artificial Recharge	Minimal
Associated Aquatic Ecosystems	None