



Γενική άποψη θεμελίων του φράγματος - General view of the foundations of the dam



Υπερχειλιστής υπό κατασκευή - Spillway under construction



Κατασκευή αναχώματος - Embankment under construction

ARMINOU DAM

Arminou Dam is constructed on Dhiarizos river, about 40 km north of Paphos, near the village of Arminou.

The dam has a central clay core, earth fill embankment and a height of 40 m. Its crest is 194 m long and the reservoir has a storage volume of about 4,3 million cubic meters (MCM). The catchment area contributing to the river flows is 116,5 km² and the reservoir area at full storage is 35,3 Ha.

The mean annual flow of Dhiarizos river, at the dam location, is 24,35 MCM/year. The dam is designed and constructed to divert 15,7 MCM/year (maximum) to Kouris dam through the Dhiarizos diversion tunnel and also to provide water for the irrigation of the valley and aquifer recharge.

The detailed design of the dam was carried out by the Consultants "Howard Humphreys and Partners Ltd" of U.K. in association with J. Theophilou of Cyprus. All field investigation and material testing was carried out by the Water Development Department and the Geological Survey Department.

The contract for the construction of the dam was awarded to the Cypriot contractor G.P. Zachariades Ltd for the sum of £3,877 million and works commenced in July 1995. The dam was completed in December 1998.

Diversion of water to Kouris dam began, with a temporary diversion arrangement, at the start of the 1997/98 winter season and continued in November 1998 using the completed works.



Γενική άποψη φράγματος - General view of dam