PRODUCTS USED

VW Piezometer with vented cable
Automatic Monitoring of Reservoir water level meter

PROJECT SUMMARY

PROJECT NAME: Alaviyan Dam
PROJECT DATE: 2018

CLIENT: East Azerbaijan Regional Water Authority
CONSULTANT: Mahab Ghodss Consulting Eng.
INSTRUMENTATION SPECIALIST: Larzeh Sakht Savalan

OVERVIEW

This Earth fill Dam with clay core is built 3.5 km north of Maragheh city.

The dam has been built to:
Improve agriculture of 10,195 hectares
Develop 2000 hectares for agricultural Agriculture (improvement & development) - 101 million cubic meters
Drinking water - 12 million cubic meters
Industry - 8 million cubic meters

Dam statistics:
Height: 70
Crest Length: 935 m
Normal W.L: 1568 masl
Reservoir Volume: 57.7 MCM

MONITORING

Monitoring of the Reservoir water level is one of the important parameters for analysing a dam in operation time.

For monitoring of this parameter, a VW-3000 series Piezometer with vented cable was installed & connected to CR1000 for automatic recording.