CE378 Water Resources Engineering

Example Questions for Midterm II

1.) ………. is used to determine different flow regimes of [open channel flow](http://www.fsl.orst.edu/geowater/FX3/help/8_Hydraulic_Reference/Open_Channel_Flow.htm).

Answer: Froude number

2.)The directions of earthquake force on the concrete gravity dams can change according to ……….

Answer: reservoir full/empty conditions

3.)…….. velocity and …….. pressure head at spillway crest may cause cavitation on the spillway face.

Answer: large& small

4.)For different aquifers, water will always move from ………. piezometric head to ………. piezometric head.

Answer: higher& lower