

ABSTRACT

Grader of floods Height based on the this microcontroller AT89S51 is addressed by as effort in development of scheme of application of floods detector which can assist the society life in preventing and handling floods problems which during the time fret the life.

This water level Height grader is frequently needed to know the water level height. Frequently the mechanism is still in the form of way of manual, so that is needed by a mechanism of measurer height water, one of them is by using a copper plate which is interfaced by a Transistor network and distributed by Relay. Afterward baited to network microcontroller to be processed to become the scale showing value of water height seen at LCD. Indicator showing height change used by network LED.

At early condition, network LED will extinguish all that designate that second of undamped plate water. After second install of the soaking plate, hence the network LED is on of one later on shown with the height value at LCD. After water height shows to the maximum scale, buzzer is going on in-which indicate that water have bubbled up meaning floods.

Result of this appliance can measure the height of water to be developed later on become the appliance of detector floods so that would be benefit to society life.

Keyword: Copper Plate, Relay, Microcontroller AT89S51, LCD, Buzzer.