

**Rancang Bangun Pusat Data *Ground Station* Sebagai Sistem Monitoring  
Cuaca Berbasis *Graphical User Interface***  
(*Designed up data center ground station as monitoring system based weather  
graphical user interface*)

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***ABSTRACT***

The learning process is the process of academic a series of events wind speed , the wind , moisture land , temperatures and humidity komponen- components the air is influencing the climate .Farmers and department of marine relies heavily on climate as they choose a crop to be planted and fisherman for decision at sea or not affected by the state of climate .This study attempts to develop technology gauges several components influencing the climate as the wind speed , the position of the wind , moisture land , temperatures and humidity air .To support the development of research , designed an instrument the mini mobile weather station .Mini mobile weather station as a means simple having measurements sensitive and thorough and can move ( mobile ) .Mini mobile weather station has several tools designed and integrated with some censorship.

Testing mini mobile weather station will be done with determine the value of the truth instrument has been designed with an instrument well-adapted by means of compare against a standard measuring national for a unit of reference tersertifikasi and materials .Then this instrument , will be processed to arduino uno and will be displayed in an application of display charts .The results of testing shows that instrument has been designed have data value by a comparison very small with an instrument well-adapted , so that mini mobile weather station can do measuring with good .The results of the examination of the information displayed on the application of display chart than informative .

**Keywords :** Mini Mobile Weather Station, Arduino UNO