



Satellite Image application in Flood Forecast in Central Part Of Viet Nam

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Vietnam belongs the Asian monsoon area. Every year, due to the monsoon activities, especially in the interaction between monsoon systems and the mesoscale disturbances, at different parts of Vietnam, people have to face many kind of severe weather events such as: typhoon, hurricane, flood, drought... one of them is heavy rainfall, which causes flooding problem is outstanding problem of concern to both government and general public.

Since the late years of 80Th decade Satellite images were popular used in weather forecasting in Viet Nam. Owing to application of satellite image the capacity of weather forecasting is steadily improved. However there are many difficulties in forecasting precipitation quantity in order to flooding and flash flood forecasting with high accuracy.

We have a small work "Application satellite images for precipitation quantity perdition in central part of Viet Nam"

This page will present:

- Some severe weather feathers in central part of Viet Nam: Heavy rainfall causing river flood, flash flood, tropical storm. . .
- Classification some main synop kinds in central part of Viet Nam.
- By statistic method we find out the relative between precipitation and top-cloud temperate in some kinds of synop situations.
- Starting step find out some categories to predict precipitation depend on top-cloud

temperate in some main synop situations.

- In conclusion we make some remarks and issue limitations of method