

## **CMA**

Using cloud factors of brightness temperature, temperature gradient etc to derived rain-rate and combined it with raingauge data

Ref: Lu Naimeng and Wu Rongzhang. (1997), Strong convective cloud characteristics derived form satellite cloud picture. *Quarterly J. Appl. Meteor.*, 8(3),269-275. (in Chinese) URL: in construction

### **Spectral Intervals & applicable satellites:**

GMS two IR channels

### **Spatial Scale:**

Resolution: 6km coverage: China

### **Temporal Scale:**

6 hr.

### **Ancillary Data ( e.g., soundings):**

Raingauge data

### **Additional Comments:**

Can derive hourly rainrate without raingauge data but with poor accuracy.

Contract Dr. Lu Naimeng; naimenglu@hotmail.com