

Current Status of Studing Cloud Drift Wind in China

Chen Jin E
Satellite Meteorology Center
China Meteorological Administration
Beijing 100081, People's Republic of China

ABSTRACT

At the time of the Second International Wind Workshop, I presented the processing method of FY-2 cloud drift wind in China. At that time, We were starting just this studing about cloud drift wind. Passing this two years, We have fineshed the software of cloud drift wind. It has been running testing since Sep. 1995 in M-770 computer in SMC. With geostatinaly meteorological satellite (GMS) S-VISSR Infrared data, We derived cloud drift wind vectors. The result vectors are very good. And it is in agreement with the weather chart analysis. The derived vectors are very usefull in weather analysis and forecast. The weather forecasters are an interesting in that.

We have a plan to put software of cloud drift wind into operation before summer in 1996. The results of cloud wind vectors will be sent to NMC for useing in numerical weather prediction. It also will be one of product in FY-2 satellite data processing system.

The paper will discuss accuracy of vectors to compare with radiosende wind.

Finally we will introduce how to modify the software and imploveing quality control etc.