

## **Abstract**

The Climate Information System is developed to provide standard routines to incorporate in climatological data processing and will be implemented at Climatology Division, Thai Meteorological Department. The system is developed simply to meet mandatory user requirements. The climate data organization and services have been studied to develop a framework of data management system providing functions for climatological data processing to ensure timely availability of reliable climate data which are accessible and exchangeable in acceptable form. Based on the existing system, some of programs are recoded for ease of using and to make more effective. Existing products or reports are modified to make them more comprehensive. The way some current functions are carried out were changed to facilitate the ease of services. The results from these development are that the system is capable for promoting application of existing climate information to a wide variety of users, improve the availability of data required and use of referral systems on climate information and also providing functions for collection and dissemination of climatological data to both internal department activities and external users .