

快报

沈阳雷电监测定位系统建设研究

王建华^{1,2},张涛²,杨雨春²,张菁²,崔劲松²

1. 南京大学大气科学系 南京210093; 2. 沈阳市气象局; 沈阳110168

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摘要 介绍了沈阳雷电监测定位系统由4个雷电探测站、1个数据处理中心站、若干显示终端和通信网络组成。通过系统可实时获得雷击的时间、位置、强度、极性、雷电流等雷电参数。针对系统建设实践中遇到的有关技术问题,给出了解决方案;指出了系统安装过程中需要注意的问题,如网络布局、监测网络信息传输与各种终端接入方式等,并就雷电监测定位系统的工作原理、系统功能及应用情况进行了阐述。

关键词 [雷电监测](#) [定位系统](#) [应用研究](#)

分类号

Research of thunder and lightning monitoring and location system in Shenyang

WANG Jianhua ZHANG Tao YANG Yuchun ZHANG Jing CUI Jinsong

1. Atmosphere Science Department; Nanjing University; Nanjing 210093; 2. Shenyang Meteorological Bureau; Shenyang 110168

Abstract Thunder and lightning monitoring and location system in Shenyang was introduced, including four thunder and lightning stations, one data processing center, many display terminals and communication network. Some thunder and lightning parameters such as time, position, intensity, polarity of thunder strike could be obtained quickly by this system. Aimed at some technology problems in practice, the solutions were pointed out. Some system installation problems such as network layout, monitoring network information transmission and various terminal accesses ways were also indicated. And work principles, system functions and applied conditions of thunder and lightning monitoring and location system were expounded.

Key words [Thunder and lightning monitoring](#) [Location system](#) [Applied research](#)

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