

论文

沈阳大气成分观测站站址环境特征分析

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摘要 根据沈阳地理位置、地形特点和区域环境及气候环境等,对沈阳大气成分站所处站址环境进行探讨。并利用2004—2006年逐时气象观测数据对周围地物影响以及周围大气污染源对观测数据可能产生的影响进行了分析。结果表明:沈阳大气成分站的站址设置基本符合建站要求,颗粒物和黑炭浓度的观测数据可以反映出沈阳地区大气环境特征与大气成分变化情况。

关键词 [大气成分观测站址](#) [环境特征](#) [观测数据影响](#) [污染气象资料](#) [沈阳](#)

分类号

Environmental characteristics around Shenyang atmospheric ingredient monitoring station

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Abstract According to the geographical position, topography features, regional environment and climatic environment and so on, the environment around Shenyang atmospheric ingredient monitoring station was analyzed. The effects of constructions and pollution sources near the station on observation data were discussed in terms of observation data from 2004 to 2006. The results indicate the station position set of Shenyang atmospheric ingredient monitoring station is reasonable, which accords with the related standard of China Meteorological Administration. And the monitoring data of aerosol and black carbon concentration can reflect the atmospheric environmental characteristics and the atmospheric ingredient changes in Shenyang region.

Key words [Atmospheric ingredient monitoring station position](#) [Environment characteristics](#) [Impact of observation data](#) [Pollution meteorology data](#) [Shenyang](#)

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