



HCHO and NO₂ column measurements in hot summer 2010 at Moscow region

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A few instruments perform DOAS measurements in the visible and UV spectral region at Moscow, Zvenigorod (Moscow region) and Minsk (Belarus). The measurements started in 2010. It is possible to retrieve the NO₂ and HCHO column basing on these measurements.

The availability of the observations at urban (Moscow) and background (Zvenigorod) areas allows to compare their contents and to investigate the anthropogenic sources of HCHO.

The NO₂ and HCHO measurements were carried out during forest fires in the hot summer of 2010. The comparison of Moscow region and Minsk (free of fires) data allows to research the HCHO sources related with forest fires.

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