

# **Comparison work of ozone and temperature profiles from ozonesonde over Pohang, Korea with HALOE measurements**

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KMA (Korea Meteorological Administration) started the measurements of ozone and temperature over Pohang, Korea (36.02N, 129.23E) since 1995 in a weekly base with an ECC ozonesonde. To evaluate the profiles obtained from ozonesonde, 10-year (1995-2004) datasets from the HALOE onboard the UARS (Upper Atmosphere Research Satellite) are compared. During 1995-2004 periods, total 450 profiles are obtained from ozonesonde and 188 profiles are extracted from HALOE over Korea. A total of 34 nearly coincident profiles within temporal and spatial criteria are found from both measurements. In this study, a statistical analysis of ozone and temperature profiles from ozonesonde over Korea was presented compared with HALOE data sets.