

Aircraft measurements of tropospheric ozone and its precursor gases in the eastern Asia : A case study for April 17-24, 1998

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Between April 17 and 24, 1998, five flights were carried out over the eastern Asian region. The focus of the flights was to investigate the distribution of O₃ and its precursor gases in the troposphere. High CO concentration of more than 300ppbv and the enhancement of other precursor gases were observed in the upper and middle troposphere on April 24. Transport associated with the jet stream and the motion of frontal systems, and the possible chemical process will be discussed in the session.