

KORUS-AQ - Other: 05/11/16 Science Report

Aircraft: Other: B-200 (Hanseou University) - 16M031

Date: Wednesday, May 11, 2016

Mission: KORUS-AQ

Mission Location: OSAN Air base

Mission Summary:

Morning flight: 8:18 to 11:50

King Air was starting to Osan Air Base, past the Gwangju Gwangyang, South Coast and returned to Osan Air Base. Flight altitude was 1000-1500 m, the average speed was 310 km / hour. It was flying altitude of 300-500 m in south coast area. The ozone concentration is 70 ppb, the CO was 200-400 ppb .

Afternoon flight: 13:50 to 17:25

Flight path was the path as Morning flight. Pollutants concentration levels of ozone were 70-80 ppb, CO 400-500 ppb, NO₂ 2-5 ppb at low altitude. SO₂ was the concentration of 1 ppb or less, regardless of the altitude.

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