Overview
White Papers
Contacts
Platforms
Flt-Planning
Support
Schedules
Data
Presentations
Reports
Publications
Outreach
Links

INTEX-NA Introduction

A central component of NASA's grand vision in Earth Sciences is to understand how the Earth's atmosphere is changing and the consequences of this change. INTEX-NA is an integrated atmospheric field experiment consisting of two phases. Phase A will occur in the summer of 2004 over the central and eastern United States followed by Phase B in the spring of 2006 to occur on the west coast and out in the pacific region toward Asia. The INTEX-NA mission seeks to answer questions about the transport and transformation of gases and aerosols on transcontinental/intercontinental scales and their impact on air quality and climate. The main constituents of interest are ozone and precursors, aerosols and precursors, and the long-lived greenhouse gases. A particular focus of this study is to quantify and characterize the inflow and outflow of pollution over North America and its transformation during transport to distant continents.

During the summer of 2004, NASA's INTEX-NA activities will be coordinated with several national and international partners. Scientists from the United States, Canada, United Kingdom, Germany, and France will be working together to achieve these goals. The INTEX-NA objectives will be met using a

combination of observations from surface, airborne, and space platforms.

Home Overview Science Implementation Contacts Flight Planning Mission Support Schedules Data Reports Outreach Reference Information

NASA Contact: Michael Craig, INTEX-NA Project Manager
Web Administrator: **Greg Klinedinst**