

B. BOREAS will consist of a three to four year period of low level in situ monitoring observations of two boreal forest biome sites in central Canada. These roughly 400-600 square kilometer sites are the Prince Albert National Park region in Saskatchewan and the Nelson House region near Thompson, Manitoba. In the summer of 1993, one pilot intensive observation campaign was conducted. In 1994, up to five intensive field campaigns will be conducted to cover mid-winter, spring thaw, and early, mid-, and late growing season conditions. These intensive field campaigns will involve approximately 75 Principal Investigator-led international teams, extensive in situ observations at each site, several U.S. and Canadian remote sensing aircraft, and satellite observations. It is planned to base the smaller aircraft (e.g., NASA helicopter and C-130) at Prince Albert and Thompson, the larger aircraft (e.g., NASA DC-8) at Saskatoon and/or Churchill, and the NASA ER-2 at Spokane, Washington.

C. A data and information system, the BOREAS Information System (BORIS), will be established to provide the BOREAS Science Team members with a data system from which data for the whole project may be queried, accessed, and extracted. Participating scientists will be expected to submit their data to BORIS in a timely fashion. All those participating in BOREAS shall have access to BORIS and all BOREAS data distributions will be through BORIS, or through the long-term archive to follow BORIS.