

Foreword

We at the Daniels Faculty had the pleasure during the winter term of 2008 to host Jürgen Mayer H., the first European architect to hold the Faculty's Frank Gehry International Visiting Chair in Architectural Design.

Mayer developed an extremely interesting approach to his studio, bringing together not only Weather and Architecture, as this volume proclaims, but also industrial archeology and an extremely complex site on Toronto's waterfront. The talented group of students working with him and Neeraj Bhatia investigated a whole series of historical topics, and their research is published here under such themes as "weather and shopping," "weather and media," "weather and tourism," etc. Invigorated by these studies, the students in the studio went on to produce some of the most interesting design proposals the faculty has seen in recent years. These also are documented in the pages that follow.

We at Daniels are grateful to Jürgen Mayer H. for the enthusiasm and insight that he brought to this innovative studio, and are proud to have this permanent record of its accomplishments.

Dean, John H. Daniels Faculty of Architecture, Landscape, and Design; University of Toronto March 2009

Weather + Science

Tomek Bartzak

Human Interaction with Weather

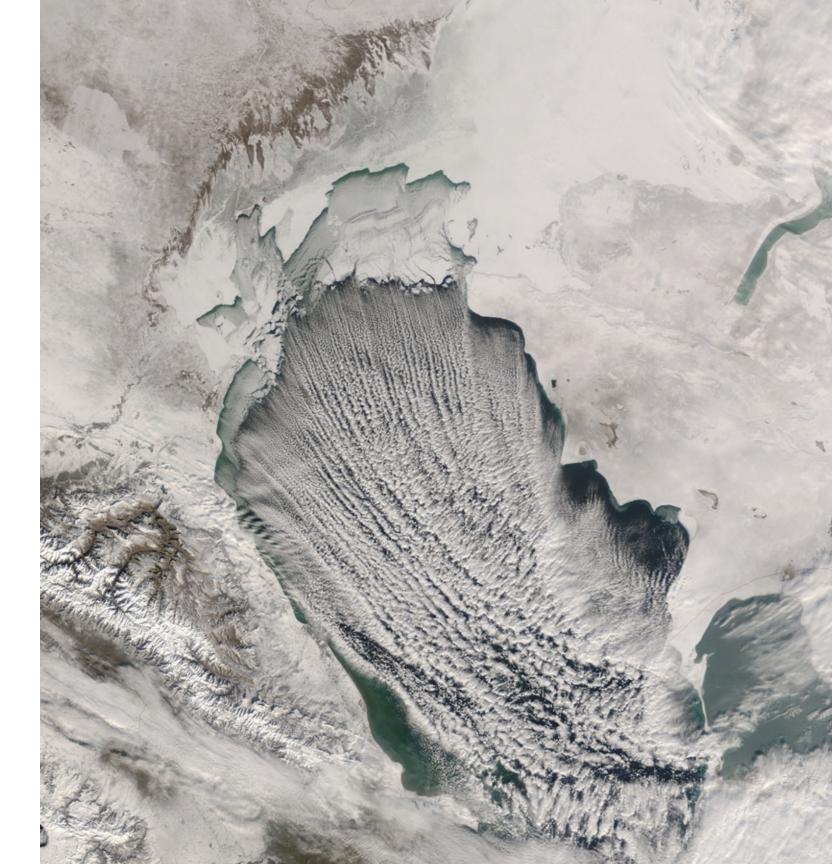
To explain what fell from the sky has long been a preoccupation for man. The human struggle with weather, climate, and meteorology can chiefly be divided into six nonlinear categories, namely: mythology, theory, measurement, understanding, forecasting, and controlling. These subdivisions mark shifts in the perception of weather rather than denoting equal intervals of time. For thousands of years, civilizations have attempted to explain weather through mythology and religion. Emerging around the Age of Enlightenment and continuing to the present day, large scientific and technological advances have dramatically altered our perception and understanding of weather phenomena.

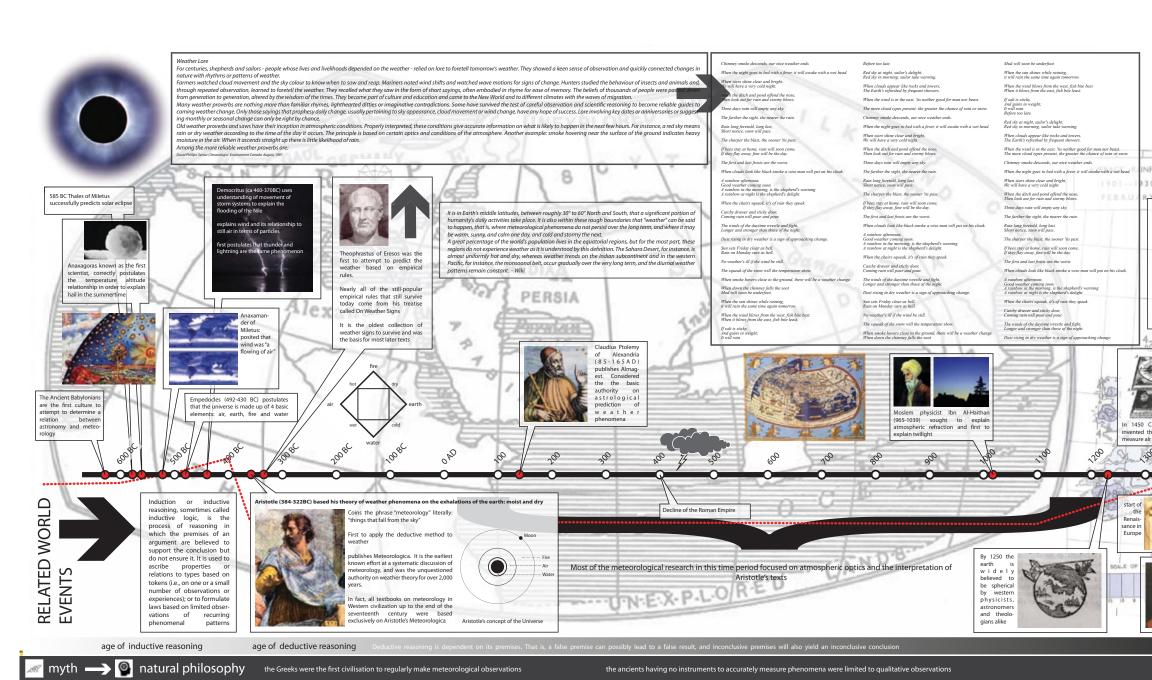
1. Science from Above

Aerial photograph of the Caspian Sea (facing page)

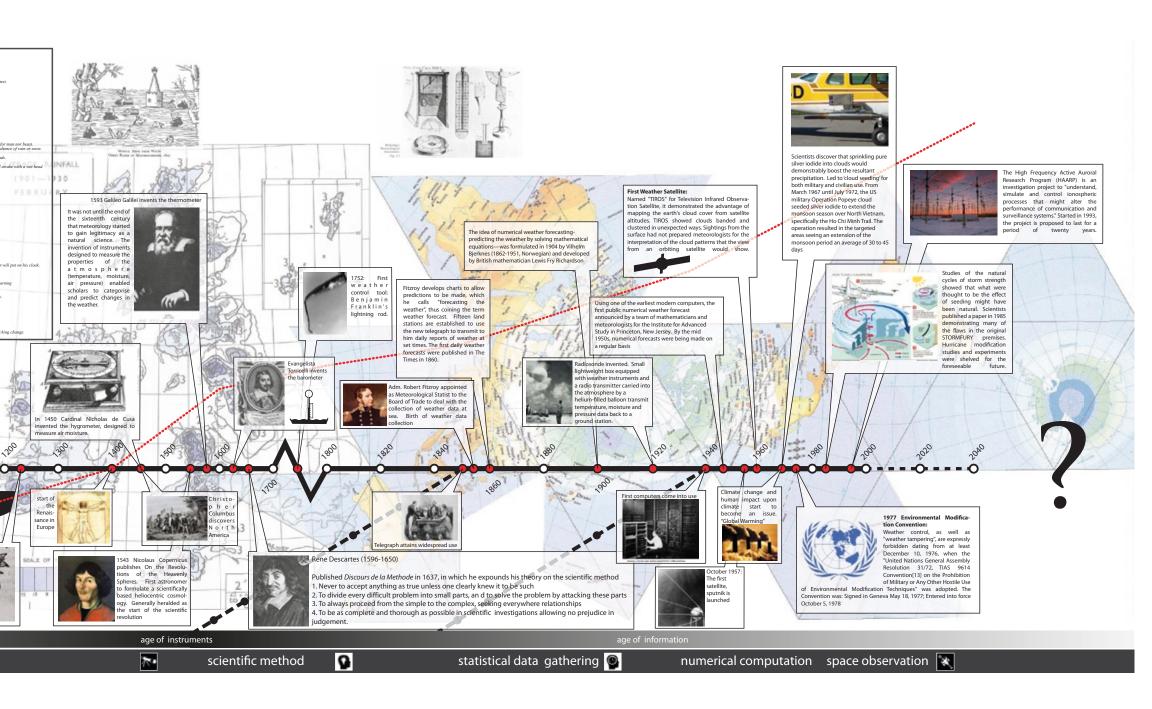
2. Weather and Scientific Developments

Maps the evolution of weather mythology, theory, measurement, understanding, forecasting, and control (following pages)





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