1-1-1977

Weather Displays Containing Gridding on a Minicomputer System

Andre Van Gysegem
Ronald H. Irlbeck

Follow this and additional works at: http://docs.lib.purdue.edu/lars_symp

http://docs.lib.purdue.edu/lars_symp/191

This document has been made available through Purdue e-Pubs, a service of the Purdue University Libraries. Please contact epubs@purdue.edu for additional information.
WEATHER DISPLAYS CONTAINING GRIDDING
ON A MINICOMPUTER SYSTEM

ANDRE VAN GYSEGEM
Royal Meteorological Institute, Brussels, Belgium

RONALD H. IRLBECK
Metric Systems Corporation, 736 North Beal Street, Fort Walton Beach, Florida, 32548

The United States Government has launched several meteorological satellites which are intended to provide extensive weather information to earth based receiving stations. In order for meteorologists and weathermen to utilize this information, it has become necessary for the construction of low-cost minicomputer controlled data acquisition and display systems. This paper discusses the research which went into such a system prior to its actual development. It is intended to show the feasibility of developing similar systems for other completely different applications utilizing existing "on the open market" minicomputers and peripherals.