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 re-
ceiving stations. In order for meteorolo-
gists 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.