



of **WMO ASSISTANCE**  
**20 YEARS**



World Meteorological Organization

## **The picture on the cover**

The photograph on the cover shows the weather radar installed on the top of an old sugar mill in the grounds of the Caribbean Meteorological Institute, St. James, Barbados. This radar was installed in June 1970 as part of the project "Improvement of Caribbean Meteorological Services", which was executed by WMO under the United Nations Development Programme (see pages 43-44).

One of the main purposes of this project was the installation of six special weather radars capable of long-range detection and tracking of hurricanes and other severe storms so as to complete the existing weather radar network in the Caribbean area. The resulting network will not only be an essential facility for the development of an effective storm warning system but will also be an extremely valuable tool for the study of hurricanes.

By the end of the project in August 1972 five radars were in operation in Antigua, Barbados, British Honduras, Guyana and Tobago. The installation of the sixth radar in Jamaica and of a microwave relay system to collect and disseminate the resulting storm information was under way at the time of printing this publication.

The weather radar in Barbados is also a valuable training facility for fellows of the Meteorological Services in the Caribbean studying at the Caribbean Meteorological Institute in Barbados.

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WORLD METEOROLOGICAL ORGANIZATION

**TWENTY YEARS OF WMO  
ASSISTANCE**



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*Photographs* (number refers to opposite page):

NOAA: 48; United Nations: 17, 49, 64, 104, 129, 144;  
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