

# Using Meteorological Data

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# Frequent Asked Questions

- How is meteorological data collected?
- Why and how should meteorological data be used?
- Who is already currently using it?
- How can organisations access meteorological data?
- How are KMD working to disseminate data to communities?
- What are KMD looking for in a partner?
- Different sources of meteorological data

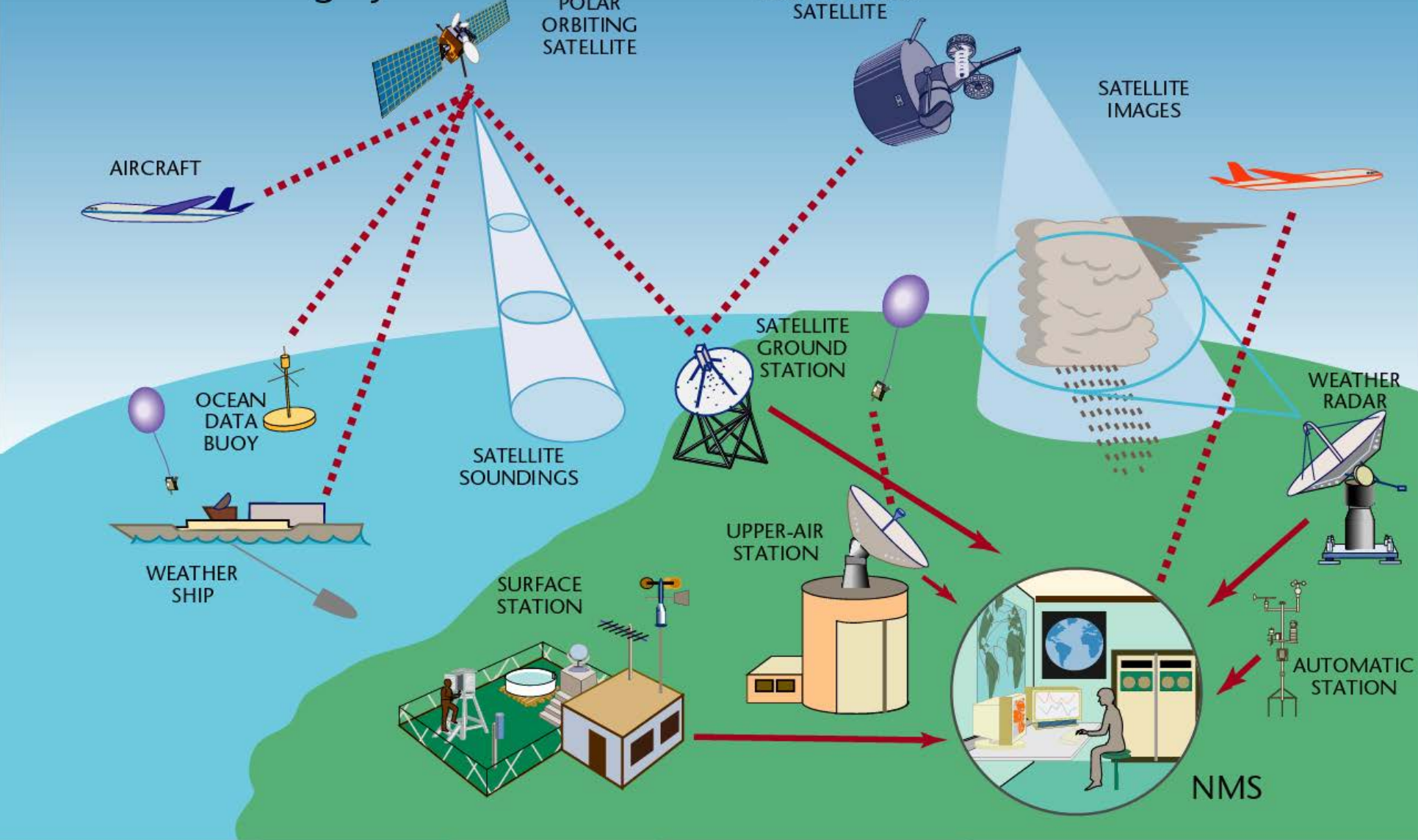
# Of General interest to everybody

- Weather is often a topic that is included in conversations/ greetings
- Most people/ communities know some interesting facts about the weather.
  - New moon and rains
  - Acacia leaves and rain
  - Etc.

# How is meteorological data collected?

- Feelings,
- Instruments
  - Weather station on land , seas, satellites, radars, aircrafts, etc
  - Most people know some interesting facts about the weather.

# Global Observing System



## Why should meteorological data be used?

- To monitor Weather,
- To monitor climate variabilities and changes
- To make reliable forecast, better decisions often can be made

# HOW of Meteorological Data/services can be Used

Meteorological information takes a variety of forms.

- It appears in the form of statistical summaries of historical data
- indices derived from such data (e.g. climatological information)
- as forecasts on various time scales (e.g. daily weather forecasts and seasonal climate outlooks).
- Warnings and Alerts

# Who is already currently using KMD Services?

The beneficiaries of meteorological services include government Ministries and Departments/Agencies and the Private Sector involved in;

- Disaster risk reduction and management.
- Water resource development and management.
- Forest conservation and environmental management including pollution control and management
- Agriculture and Livestock development and management
- Development and management of Aerodromes and Airstrips
- Economic operation and safety of civil aviation industry
- Financial services and banking
- Economic planning purposes including urban planning
- Energy development, production, management and distribution
- Health management and disease control
- Ports and Harbours management
- Safety of Marine Navigation, including marine and fisheries research



# How can organisations access meteorological data/services?

## Easy

- Websites
- Media
- Datasets on request
- MOUs/ Partnerships

# Delivery modes

## TV

Public weather presentation



Educational and Awareness presentations

**Radio (Ranet  
Community, FM stns**



# Delivery modes

**Public Display**

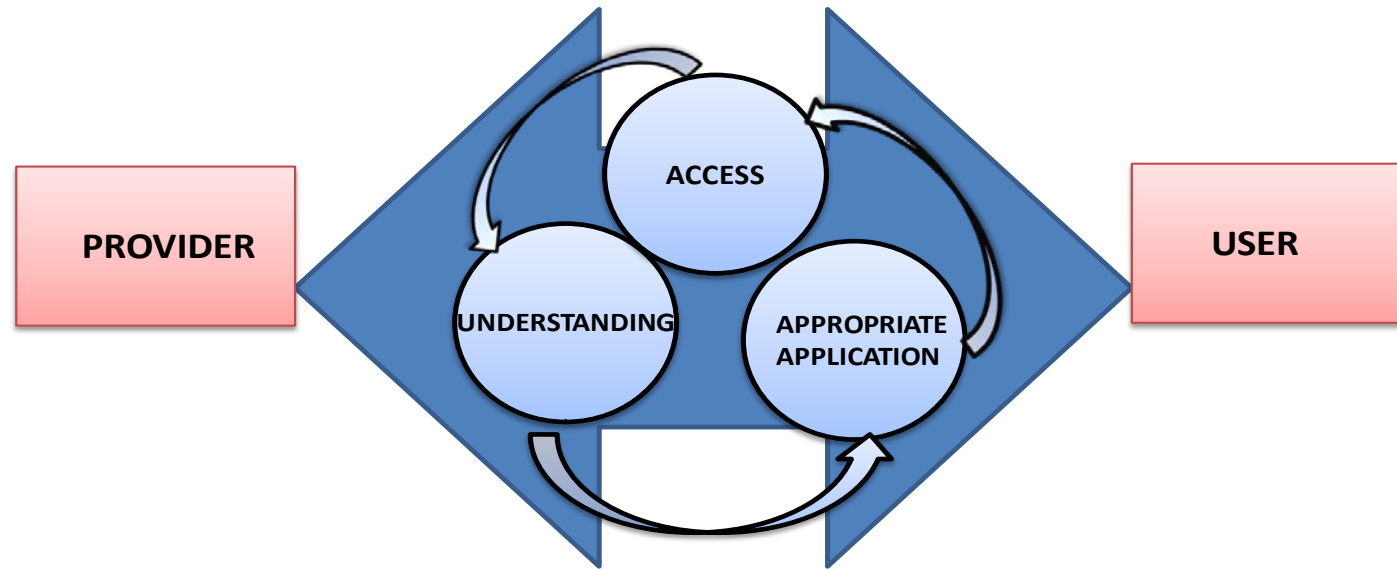


**Email**



Websites,  
social media

How are KMD working to disseminate data/  
services to communities?



# What are KMD looking for in a partner?

- **Characteristics of Meteorological services**  
are expensive to produce but relatively cheap to reproduce.  
Hence, the services considered public good

## Collaboration

# Different sources of meteorological data

- Different sources exist
  - Researchers experiments
- Question is
  - Quality? – methods of observation
  - Length of data period ?

THANK YOU

How best can KMD and other providers work with intermediaries to ensure that information is accessed, understood and used properly by end-users.