



**BMKG**

# **INTRODUCTION TO THE WEB-BASED VISIBILITY AND WEATHER INFORMATION AT INDONESIAN AERODROMES FOR AVIATION USERS**

**Presented by : Indonesia**

# INTRODUCTION

- Visibility and weather condition at aerodrome is important role to aviation users, especially for take-off and landing;
- A visualized and web-based information on visibility and actual weather has received a positive response from the end-users;
- Indonesia has more than 200 airports with 100 of those have been equipped with manned meteorological stations, while remaining are equipped with AWOS;



# DISCUSSION

- Visibility and weather information map is available at official website on aviation meteorological information <http://aviation.bmkg.go.id/web/>

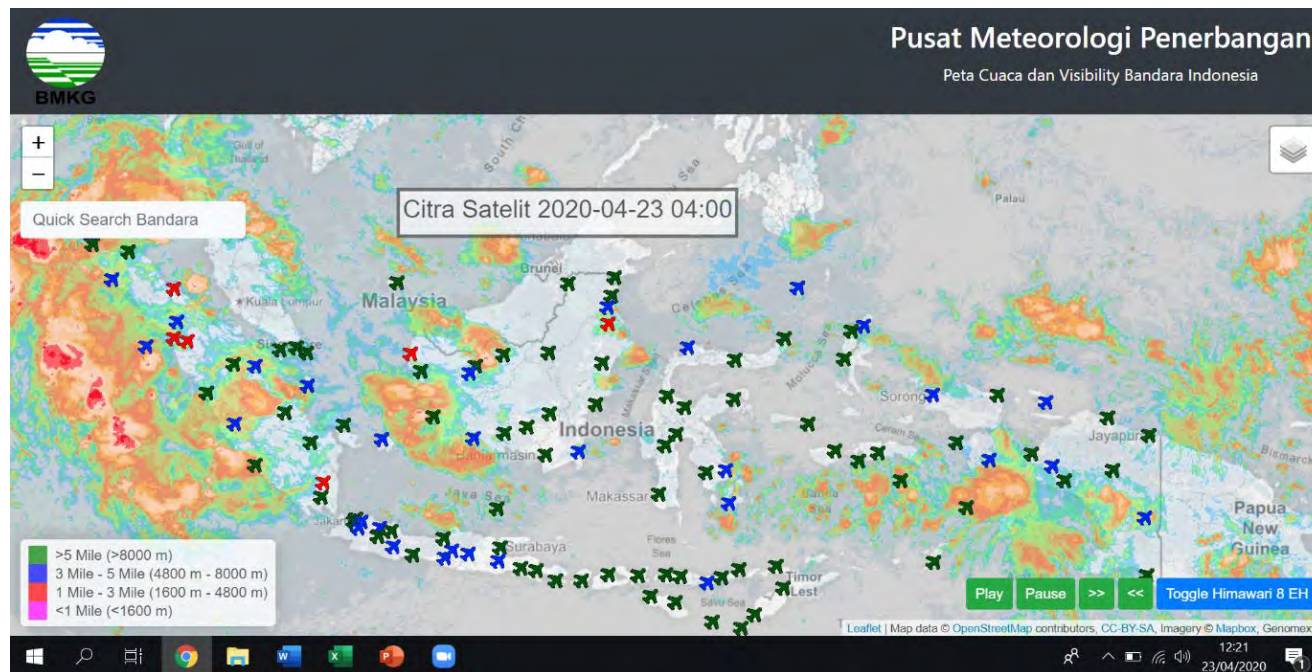
The screenshot displays the official website of the Badan Meteorologi, Klimatologi, dan Geofisika (BMKG) Aviation Meteorological Center. The page features a navigation menu with links for Home, About Us, Contact Us, and Agreement, along with a search bar. The main content area is titled "Aviation Meteorological Information System" and includes several key sections:

- Warnings:** A sidebar menu with a red arrow pointing to "Weather and Visibility".
- Observations:** A sidebar menu with a red arrow pointing to "Aerodrome Latest Weathers".
- Forecasts:** A sidebar menu with a red arrow pointing to "Aerodrome Weather Forecasts".
- Aerodrome Latest Weathers:** A central section displaying weather data for two airports: Sultan Syarif Kasim II - Pekanbaru (Haze) and Fatmawati Sukarno - Bengkulu (Clear - cloudy).
- SIGWX:** A section on the right displaying a SIGWX (Significant Weather) chart for the region.
- Map:** A large map at the bottom showing the Indonesian archipelago with various airports marked by airplane icons.

# DISCUSSION

Features available on the web-based visibility and weather information include :

- Weather Information
- Visibility information
- IR Satelitte animation



## DISCUSSION

- The GIS application was initially created to observe the distribution of areas affected by smoke in Indonesia due to forest fire events which occur almost annually, particularly in the Western of Indonesia.
- Further request from end-users would be much welcome

# ACTION BY THE MEETING

Note the information contained in this paper

# THANK YOU

**AERONAUTICAL METEOROLOGICAL CENTER  
METEOROLOGICAL, CLIMATOLOGICAL AND GEOPHYSICAL AGENCY OF REPUBLIC INDONESIA**

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