

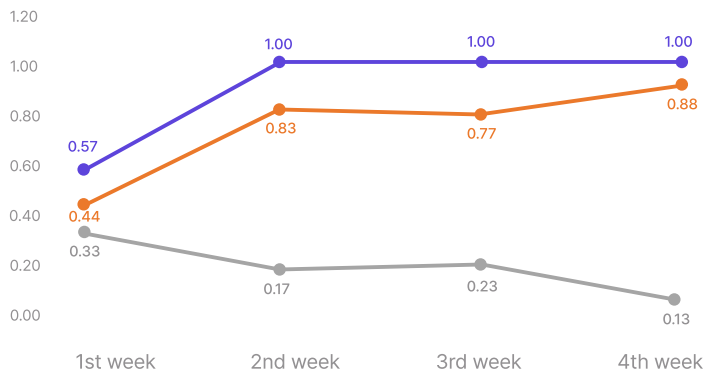
Rainbird Africa App Accuracy Analysis

✔ The Rainbird app has an average **detection rate of 89%** and a **prediction accuracy of 73%**.

- POD(Probability of Detection) represents the percentage of actual events (e.g., rain) that were correctly detected, while CSI(Critical Success Index) represents the percentage of predictions that match actual events.

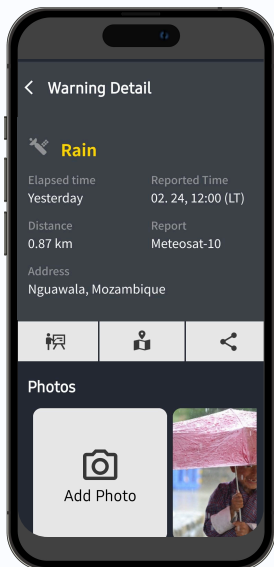


POD 89% and CSI 73% were calculated based on the average values over four weeks.



POD (Probability of Detection)
CSI (Critical Success Index)
FAR (False Alarm Ratio)

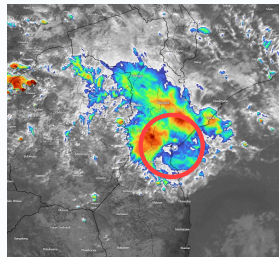
Research Period: 2025.01.25 – 2025.02.23



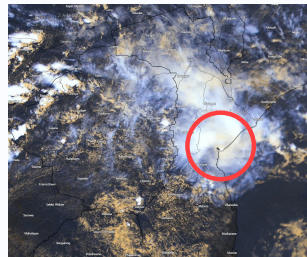
Mozambique

RBG App Forecast Alert

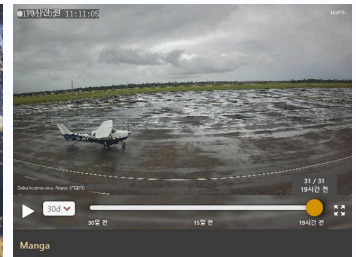
February 24, 2025, 15:15 (LT), Manga region rain match



Satellite data



Visible imagery



CCTV footage

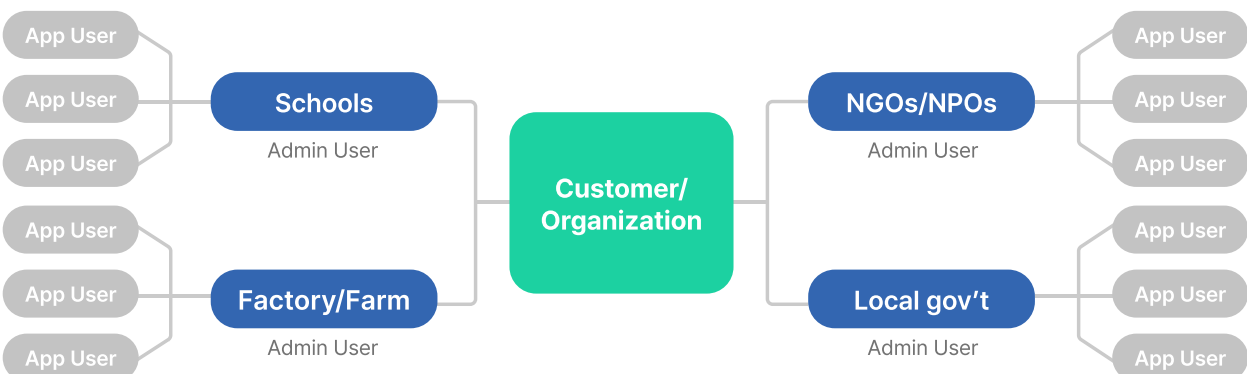
- The forecast for the Manga region in Mozambique was accurate, and the app's prediction was confirmed to match the actual rain through satellite data, visible imagery, and CCTV footage.

Rainbird Early Warning App: Extending Beyond Asia-Pacific to Africa

- ✔ Supporting UN SDGs and Early Warnings for All (EW4ALL) Initiative
- ✔ Climate risks at 15-minute intervals with a resolution of 3 km by European MSG satellite delivering precise risk alerts directly to mobile devices



'Rainbird' provides real-time alerts on climate risks based on geostationary satellite. 1) With Rainbird, users can receive alerts on climate risks that occurred nearby the individual user. 2) Users can make direct reporting with photos or texts, and search nearby hospitals, shelters, and emergency contacts. 3) Also, users can communicate with other users and share alerts via various SNS channels.



Customizing the Rainbird Early Warning App



- ✓ Please scan the QR code on the left or visit the following website to fill out the application form: <https://rbg-quotation.netlify.app/>
- ✓ Costs for additional options will be calculated after receiving the application form.
- ✓ For any inquiries not listed, RainbirdGEO consultants will assist you.

Rainbird App Customization List			
Category	Feature	Basic	Optional
Alerts	Satellite Alert Service	<input checked="" type="checkbox"/> Rain, Heavy Rain <input checked="" type="checkbox"/> Wildfire	<input type="checkbox"/> Heat wave <input type="checkbox"/> Flash Flood <input type="checkbox"/> Landslide <input type="checkbox"/> Windwave <input type="checkbox"/> Aerosol
	User Reporting and Alert Services	<input checked="" type="checkbox"/> Text Report <input checked="" type="checkbox"/> Photo Report	<input type="checkbox"/> Voice File Report
	SMS Alert Reporting Service		<input type="checkbox"/> SMS Alert Service
Additional Information	Weather Forecasts Information Service	<input checked="" type="checkbox"/> Basic Weather Forecast	<input type="checkbox"/> Special Weather Condition
	Relief Center Information Service	<input checked="" type="checkbox"/> Relief Center Information	<input type="checkbox"/> Relief Center Filtering Service
	Additional Monitoring Service	<input checked="" type="checkbox"/> 3 Locations	<input type="checkbox"/> 6 Locations <input type="checkbox"/> More than 10
	Seasonal Forecast Information Service		<input type="checkbox"/> Seasonal Forecast Information
Administrator	Administrator Functions		<input type="checkbox"/> Fake Report Management <input type="checkbox"/> Group user Management <input type="checkbox"/> 20 Monitoring Locations <input type="checkbox"/> Administrator Risk Report
	Research using Analysis Server		<input type="checkbox"/> Analysis Server Access
Other Features	Alert Sound Control	<input checked="" type="checkbox"/> Applying Local Alert Sounds	<input type="checkbox"/> Alert Sound Levels bt Risk Intensity
	Illustrations		<input type="checkbox"/> Your own Illustrations
	Language Package	<input checked="" type="checkbox"/> English <input checked="" type="checkbox"/> Local Language	<input type="checkbox"/> Other Languages

✓ Basic: \$1 USD per person per year (ex, Cost for 10,000 users with a 10-year warranty is \$100,000)

Rainbird for a Technical Experience

✔ Advantages of the Rainbird App



Target Location Setting for Additional Monitoring

Receive more alerts for areas you can want to monitor. The free version allows this setting up to three target locations.



User Incident Reception

Users can directly report local incidents through the app and receive alerts reported by others as well.



Lightweight and Efficient Technology

Rainbird app occupies relatively less storage space compared to other apps. Even after long periods of use, it stays lightweight and doesn't burden the device even with long-term use.

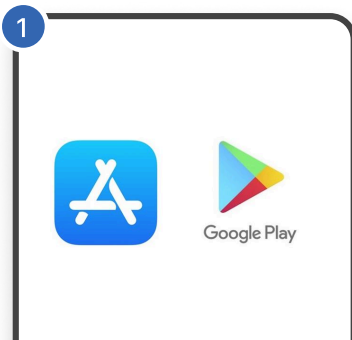
Facebook

Twitter

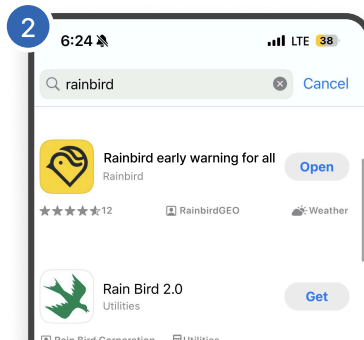
Instagram

Rainbird

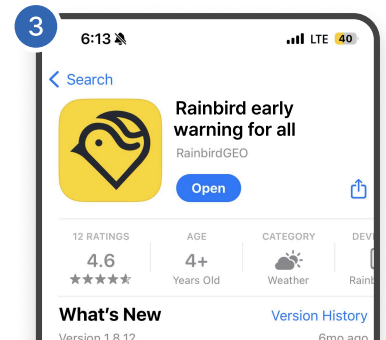
- ✔ The free version does not include any regional adjustments, so its performance may vary with locations.
- ✔ For more precise and various alerts, please contact RainbirdGEO at the information below.



1 Go to App Store or Play Store



2 Type 'Rainbird' and press enter or tap the search button



3 Download the Rainbird App

- ✔ Android https://play.google.com/store/apps/details?id=com.rainbirdgeo.af.app&hl=en_US
- ✔ Apple <https://apps.apple.com/app/rainbird-early-warning-for-all/id6502887903>



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