



Raining on MG Road while  
bone-dry  
on Patel Street?

**WeatherBee**

—Real-time, hyperlocal weather information. Give API wings to your first/last mile business!







DATA-DRIVEN  
LAST MILE  
=  
FIRST MILE OF  
CUSTOMER  
DELIGHT







**CUSTOMER-OBSSESSED E-COMMERCE BUSINESSES,  
ESPECIALLY HYPER-LOCAL LOGISTICS, ARE  
DEPENDENT ON ACCURATE AND SWIFT  
INFORMATION ABOUT LOCAL WEATHER CONDITIONS**





FOR EXAMPLE, INFORMATION ON THE START/ STOP OF RAIN IN A SPECIFIC LOCALE CAN HELP THEM BRIDGE THE DEMAND-SUPPLY GAP WITH PROMPT COMMUNICATION ON INCENTIVES FOR DELIVERY ASSOCIATES/ DRIVERS SERVICING RAINY LOCALES;

ALSO, SWIFTLY NOTIFY CUSTOMERS ABOUT SURCHARGES OR WEATHER-THEMED SALES CALLOUTS.



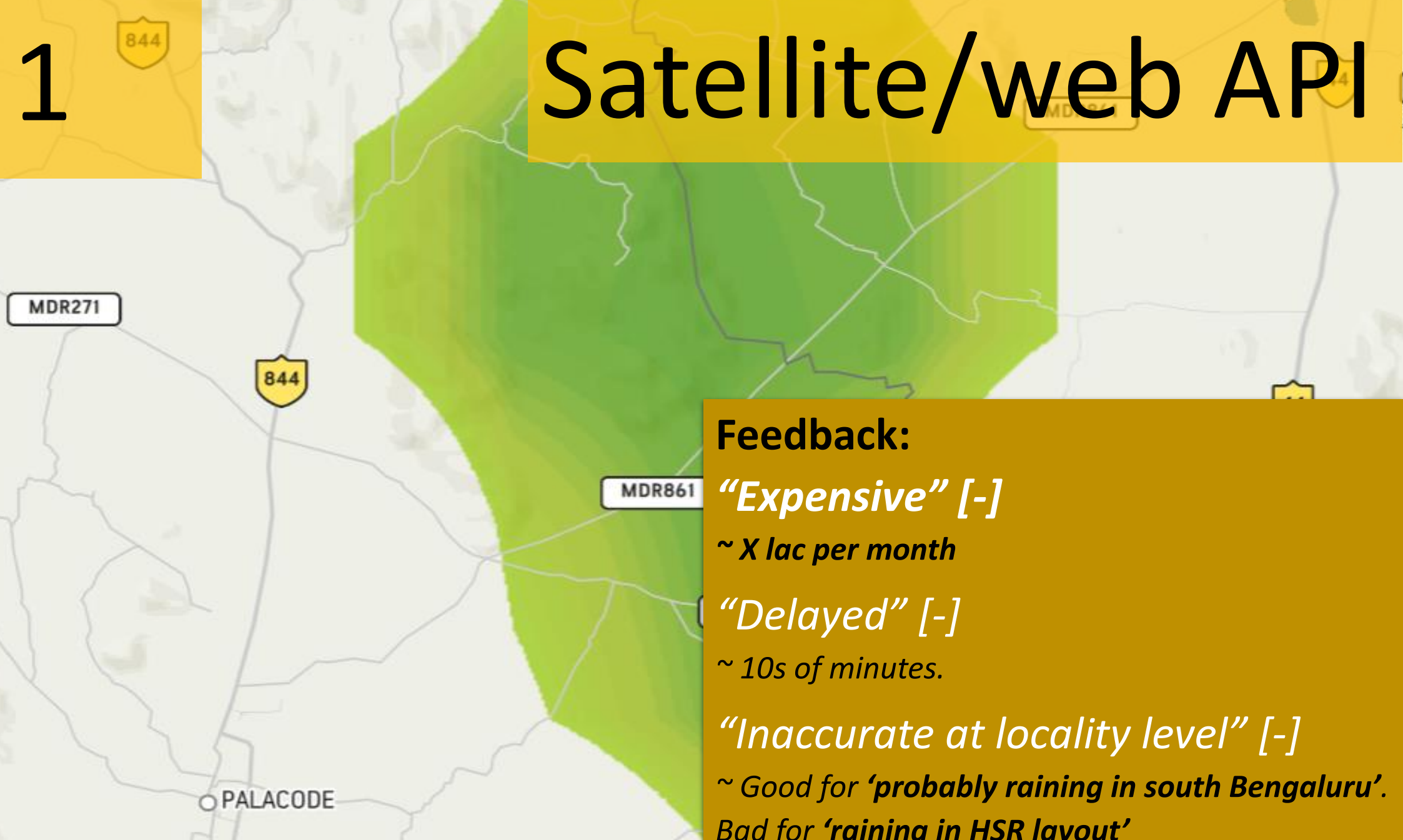
# What about existing information sources for rain detection data?

First hand feedback from existing users



1

# Satellite/web API



## Feedback:

*“Expensive” [-]*

*~ X lac per month*

*“Delayed” [-]*

*~ 10s of minutes.*

*“Inaccurate at locality level” [-]*

*~ Good for ‘probably raining in south Bengaluru’.*

*Bad for ‘raining in HSR layout’*

*“Easy to integrate” [+]*

*~ pure software/ API integration*

2



## Warnings

Subdivision Wise District Wise

## Nowcast

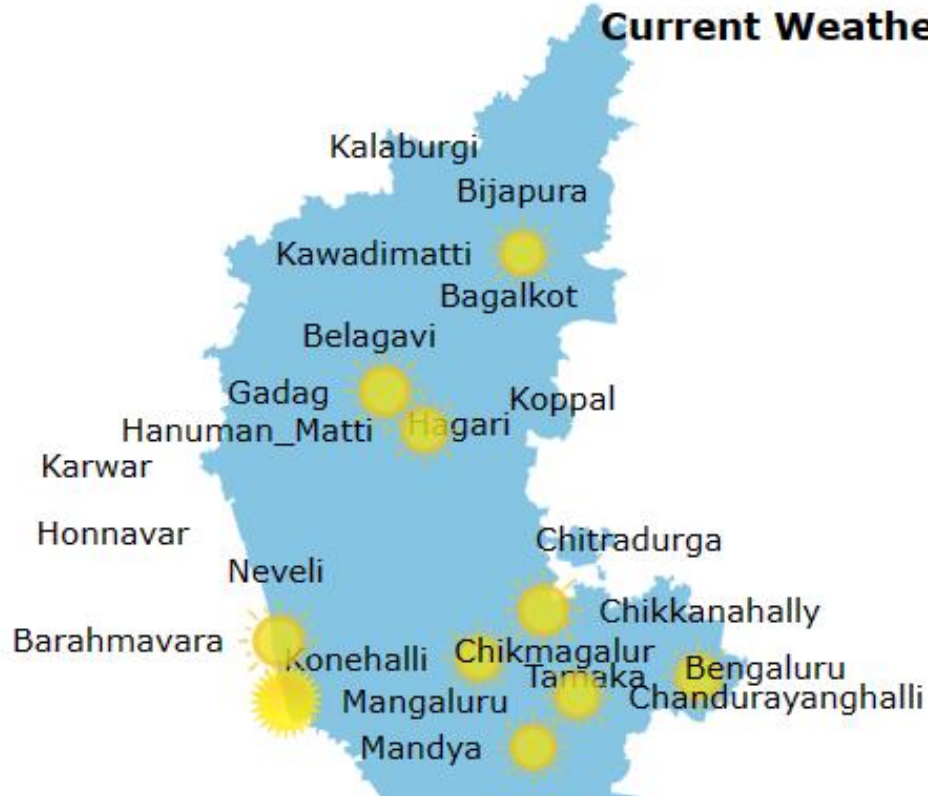
District Wise Station Wise

## Weather Observations

Daily AWS



## Current Weather



## Current Weather

### Bengaluru



30.6°C

35%

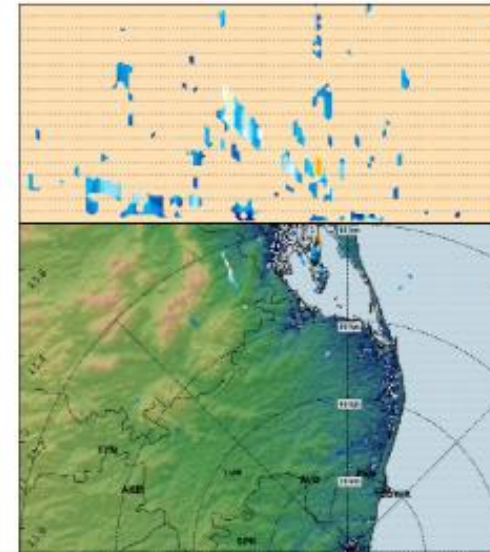
Easterly 7.5 km/h

Observation Time: 26 Apr, 17.30 IST

Sunrise: 06:03 (IST)

Sunset: 18:34 (IST)

## Bengaluru



## Feedback:

*“Non real-time” [-]*

*~ Historic data*

*“Cumbersome” [-]*

*~ There is a ‘form’ and a process to get data!*





## Feedback:

*“Bulky, Mechanical” [-]*

*~ More suited for data collection than real-time*

*“Requires power supply” [-]*

*~ Typically require access to wall socket, plumbing, wiring or large solar panel with battery.*

*“Costly” [-]*

*~ Each unit costs a lot, plus monthly subscriptions.*

*“Reliable data” [+]*

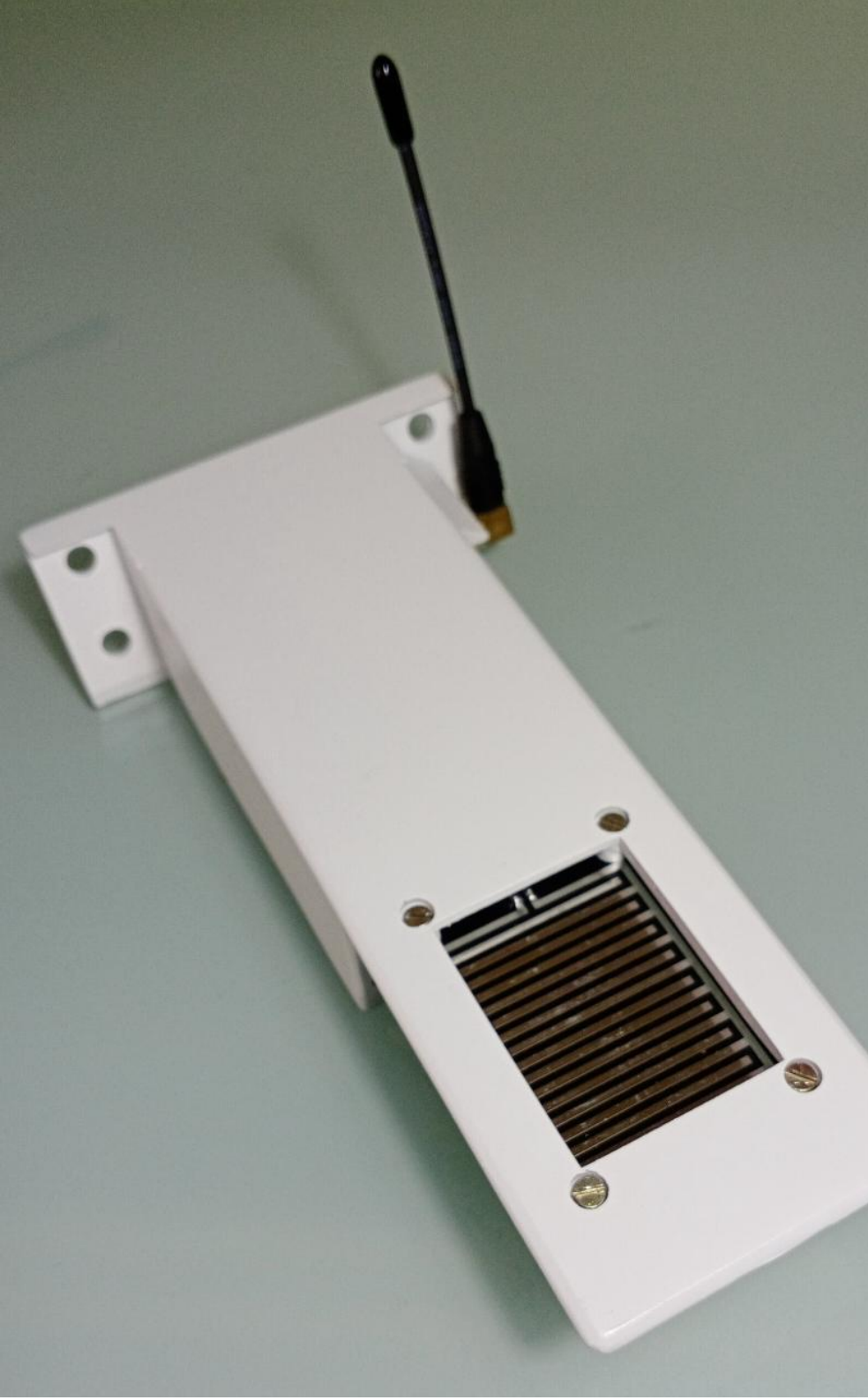
*~ Usually good near real-time data*



# That's why we built WeatherBee!

Based on 3+ years of research and trials





- **Fix on the wall and start!**
  - Zero config installation
  - Battery powered/ 2 x AA cells last for 1 year+
  - Compact, non-mechanical (no moving parts)
- **Long-range wireless.**
  - 15Km Line of Sight. #LoRaWAN™
- **Multi-sensor**
  - Moisture
  - Ambient light
  - Temperature
  - Humidity
  - Atmospheric pressure
  - Sound
- **Intelligent and smart**
  - Cortex M0+ processor
  - Intelligent Rain Sense algo



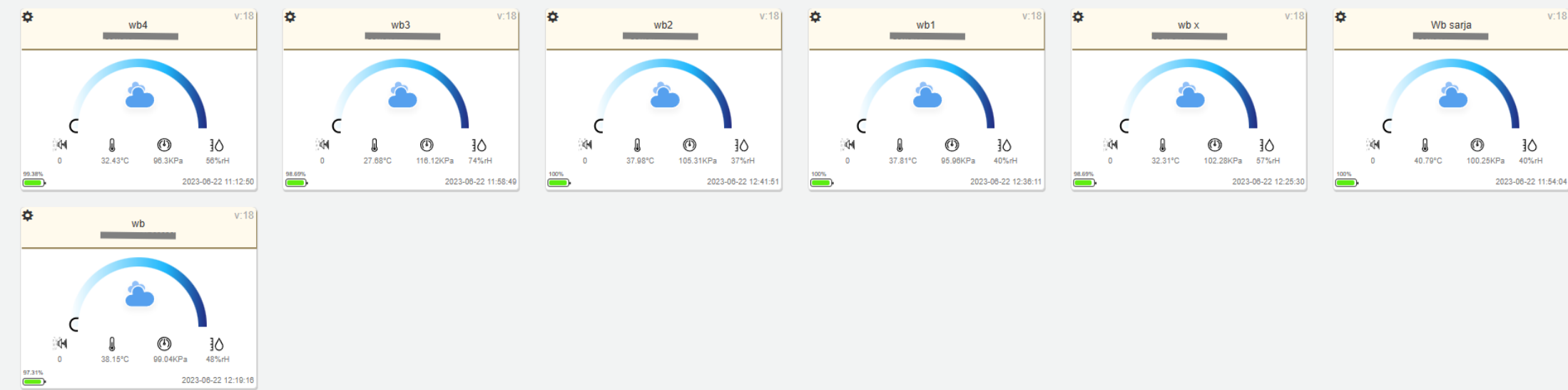
MICROCHIP

SENSIRION  
THE SENSOR COMPANY

BOSCH

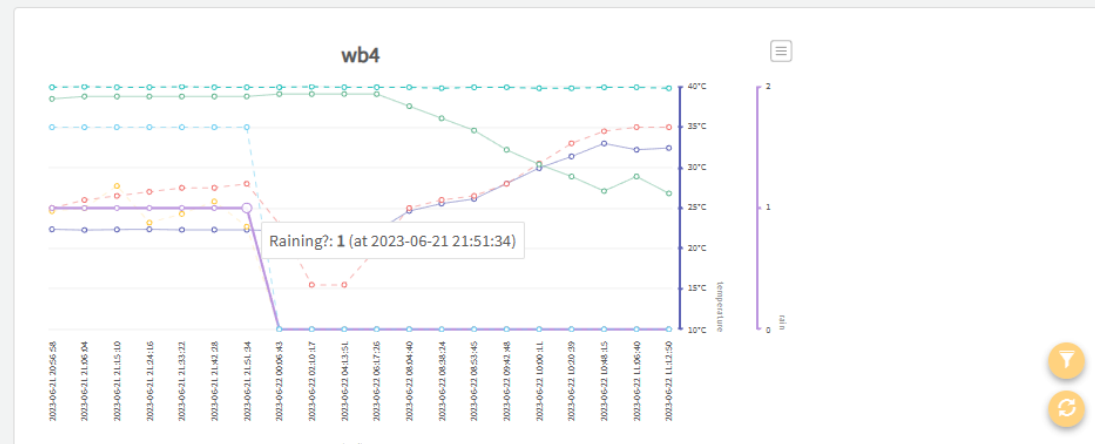






### Trendview

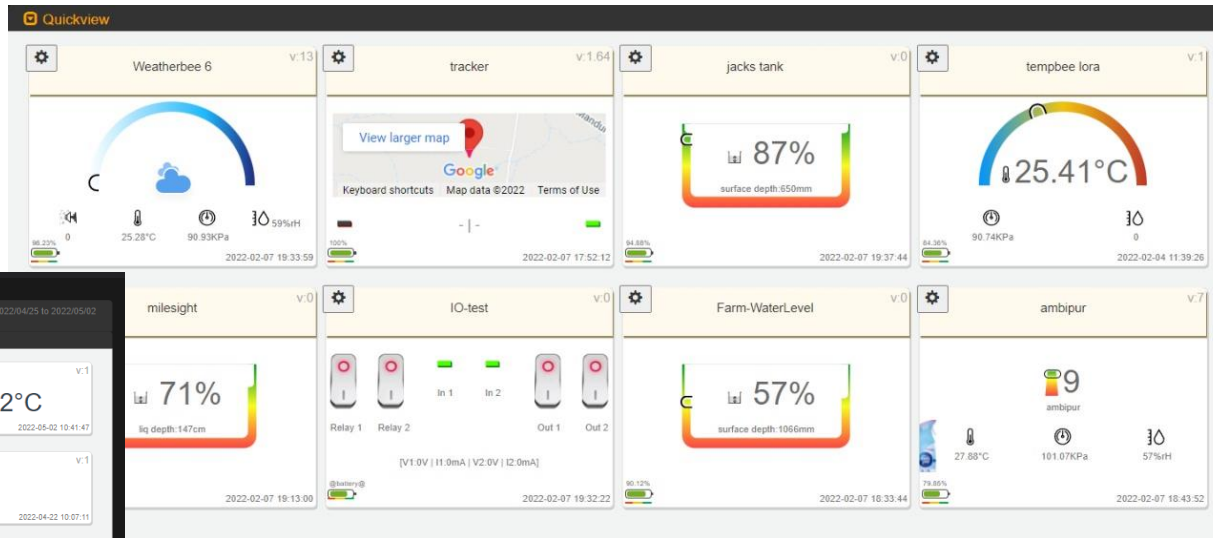
Last month
  Last week
  Last 24h



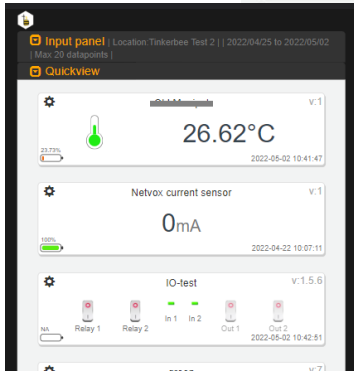
# An integrated cloud platform

Supports multiple sensors, multiple locations and multiple leveraging wireless technologies like WiFi, LoRaWAN or GSM.

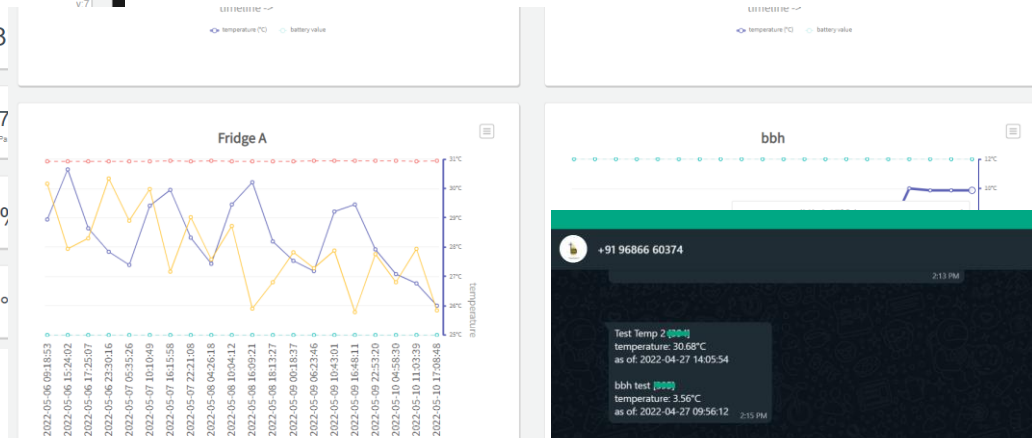




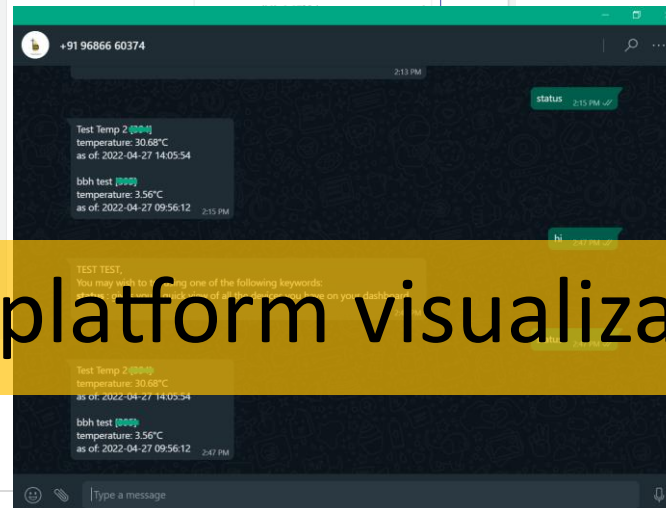
Quickview - desktop



Slimview - mobile



Trendview



Conversational view - WhatsApp™

With a rich cross-platform visualization interface







And an easy Webhook API integration to your platform



# For More Information

Please reach out to us through any of the following channels to know more about WeatherBee or to discuss how our smart sensors could transform your business!



Website



[tinkerbee.in/weatherbee](https://tinkerbee.in/weatherbee)



WhatsApp



[+919353643915](https://wa.me/+919353643915)



Email



<mailto:info@tinkerbee.in>

(Please scan these QR codes using your mobile devices to directly access these options)





# About us

At Tinkerbee, we make smart sensors, actuators, low-power micro computing devices, advanced wireless networks, and cloud infrastructure work for you.

End-to-end solutions that measure, analyse, take actions, and present actionable insights. So that you get to spend your time on what really matters. We exist to **#maximizeYourLife**.

 <https://tinkerbee.in>

 [https://twitter.com/tinkerbee\\_in/](https://twitter.com/tinkerbee_in/)

 <https://www.linkedin.com/company/tinkerbee/>

Government of India, Ministry of Communication, Department of Telecommunications  
M2M Service Provider for providing M2M services

**Registration No:KTK/MW/100006/0722**

[Stock image courtesy: [pixabay.com](https://pixabay.com) [\[1\]](#) [\[2\]](#) [\[3\]](#) [\[4\]](#)]



# Support

Tinkerbee provides documentation/ video guides, 24x7 email and WhatsApp™ messaging support for all its subscribers and devices for help with installation, onboarding, configuration, and account management. There is an integrated ticketing system on the online dashboard app that enables the customer to raise a ticket on any of his/ her devices and track them in real-time. Our endeavour is to provide a **24-hour** turnaround on any issue raised!

Depending on the scale of deployments, Tinkerbee may enter into agreements with regional partner entities from time to time who could provide additional sales channels, support options, and special services on a cost-basis and pursuant to specific agreements and SLAs.

# Warranty

Tinkerbee warrants its product(s) to be free from defects in material and workmanship, for a period of one year from the date of shipment.

In no event shall Tinkerbee be liable or have any responsibility under such warranty if the product(s) has been improperly stored, installed, used or maintained, or if any unauthorized modifications, adjustments and/or repairs were done to such product(s).

Tinkerbee's obligation hereunder is limited solely to repairing or replacing (at its opinion), at the factory any product(s), or parts thereof, which are proven to Tinkerbee's satisfaction to be defective as a result of defective materials, or workmanship and within the period of time, in accordance with the stated product warranty, provided, however, that written notice of claimed defects shall have been given to Tinkerbee within thirty (30) days from the date of any such defect is first discovered. The product(s) claimed to be defective must be returned to Tinkerbee, transportation prepaid by Buyer, with written specification of the claimed defect. Evidence acceptable to Seller must be furnished that the claimed defects were not caused by misuse, abuse, or neglect by anyone other than Tinkerbee.

Tinkerbee will return ship all warranty repairs or replacements at no cost to the customer. Any VAT or local country taxes are the responsibility of the owner of the product.

The foregoing warranty is in lieu of all other warranties (except as Title), whether expressed or implied, including without limitation, any warranty of merchantability, or of fitness for any particular purpose, other than as expressly set forth and to the extent specified herein, and is in lieu of all other obligations or liabilities on the part of Seller.

Tinkerbee's maximum liability with respect to these terms and conditions and any resulting sale, arising from any cause whatsoever, including without limitation, breach of contract or negligence, shall not exceed the price specified of the product(s) giving rise to the claim, and in no event shall Tinkerbee be liable under this warranty otherwise for special, incidental or consequential damages, whether similar or dissimilar, of any nature arising or resulting from the purchase, installation, removal, repair, operation, use or breakdown of the product(s) or any other cause whatsoever, including negligence.







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