

NewYorkLab

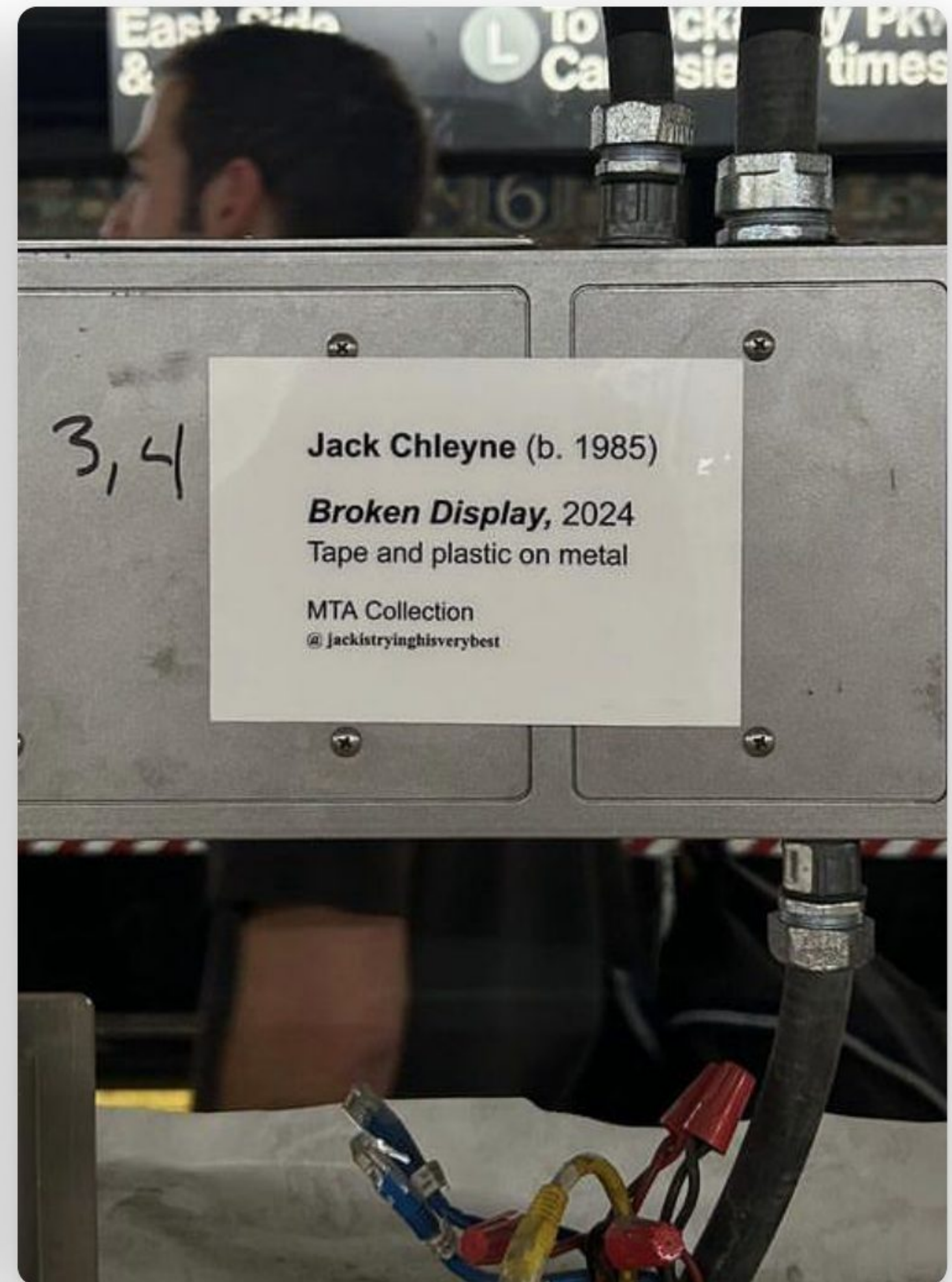
The Lab In The Subway











HOW ARE YOU FEELING TODAY?



@JACK
IS
TRYING
HIS
VERY
BEST

im Feeling no bad in

tired but alive!

Billy: I'm feeling Sigma
feeling Great than's god

happy say my bf
and friends
follow joselineeb

glum trying to be grateful
Sub to IamIron27

Happiness

Not too bad

Better now

EMPTY AND FULL OF NICOTINE

HOPEFULLY

MOTIVATED

Morose

Delightful

Happy 😊 Calm 😊

trying to persevere

Happy 😊

good

I'm re covering from
the MDMA.

h dtp!

Good, thank you! I hope all is well with you!
Feeling grateful & reflective as I prepare to move in 5 days :)/
To Any one feeling low or out of it You
are loved. I Love you. have an
amazing day on purpose.

little sick a little good.
its always its a mixed bag.



Cortado

Pretty sad, just trying to push through

I happy
Betty

surprisingly good but saying goodbye to

GOOD

great

Glad
& grateful

sharing.



**Yo check out how
hot this bag of trash
gets in Chinatown,
NYC**

New York Lab

142



I Love New York

Animal parts mixed
with mung bean hu...

7

No Phone Zone



MTA Department of Analog Activities
in collaboration with @newyorklab.co

NYC LOCAL

Under Mamdani, NYC Pilots "No Phone Zone" In Subway

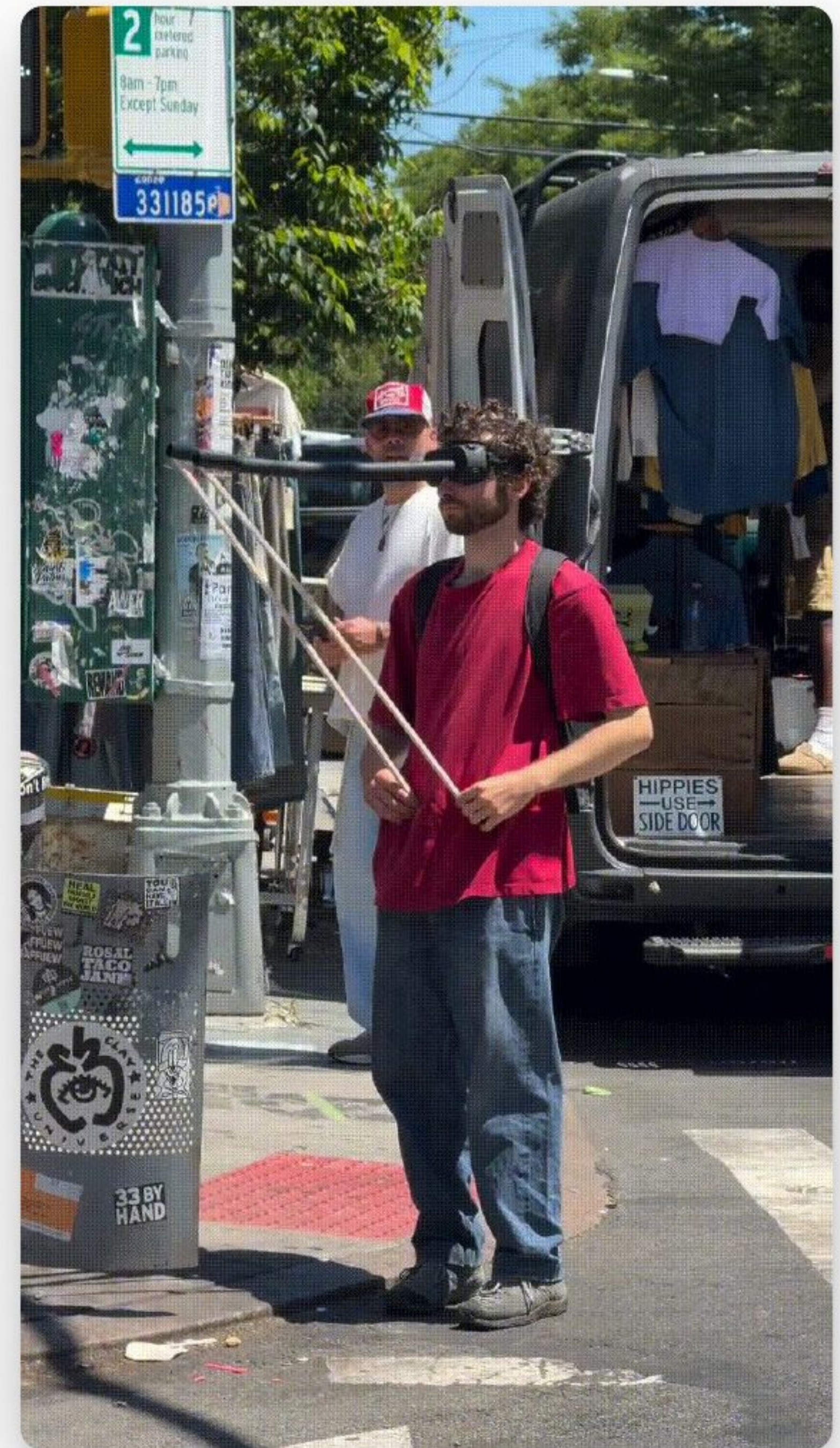
Mayor Mamdani sites an uptick in phone usage on subway, launches new initiative

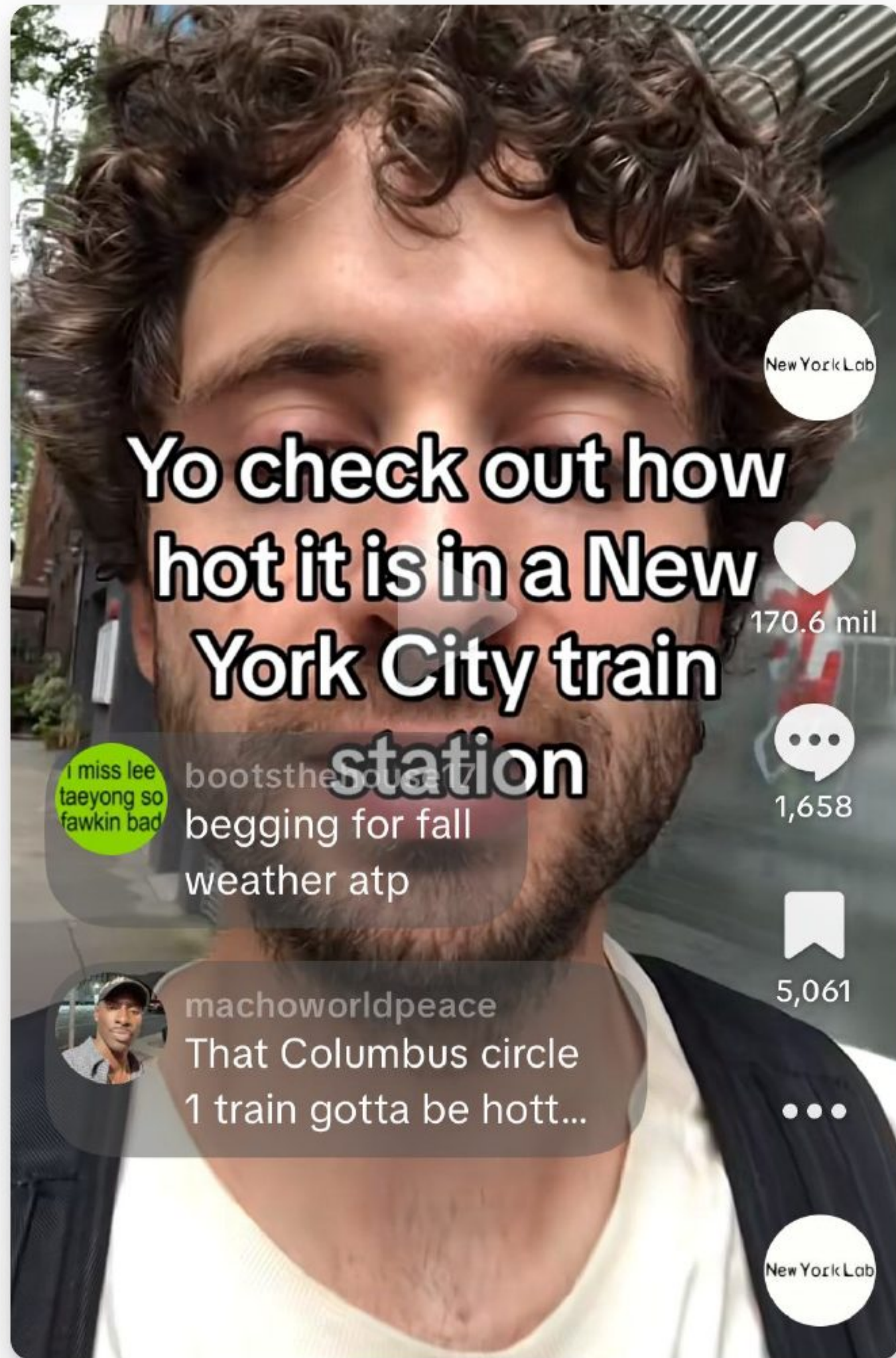
MTA

The Bronx

2
Walden St









Knightowl87 🍉

😬 Stay hydrated yall & look out for the elderly & young children cuz they have the hardest time in temps like this

6-19

Reply



8



ricky

literal hell. they need to figure out how to ventilate

2024-8-8

Reply



18.5K

View 33 replies ▾



Jo Zen

MTA getting billions in aid packages every year.
Money always goes poof

6-23

Reply



8389

View 45 replies ▾



Tori

The SSRI/MTA combo during the summer is especially dangerous and miserable 😞 I've nearly passed out a couple times

7-13 Reply

View 6 replies ▾



311



k80.king

our infrastructure cannot keep up with climate change, we all got a big storm coming

6-24 Reply



272



elizcongdon The other day I thought I was going to pass out it was so hot in canal street. I got on a train that wasn't even mine just to get off the platform and then just re-routed from there

2w 12 likes Reply



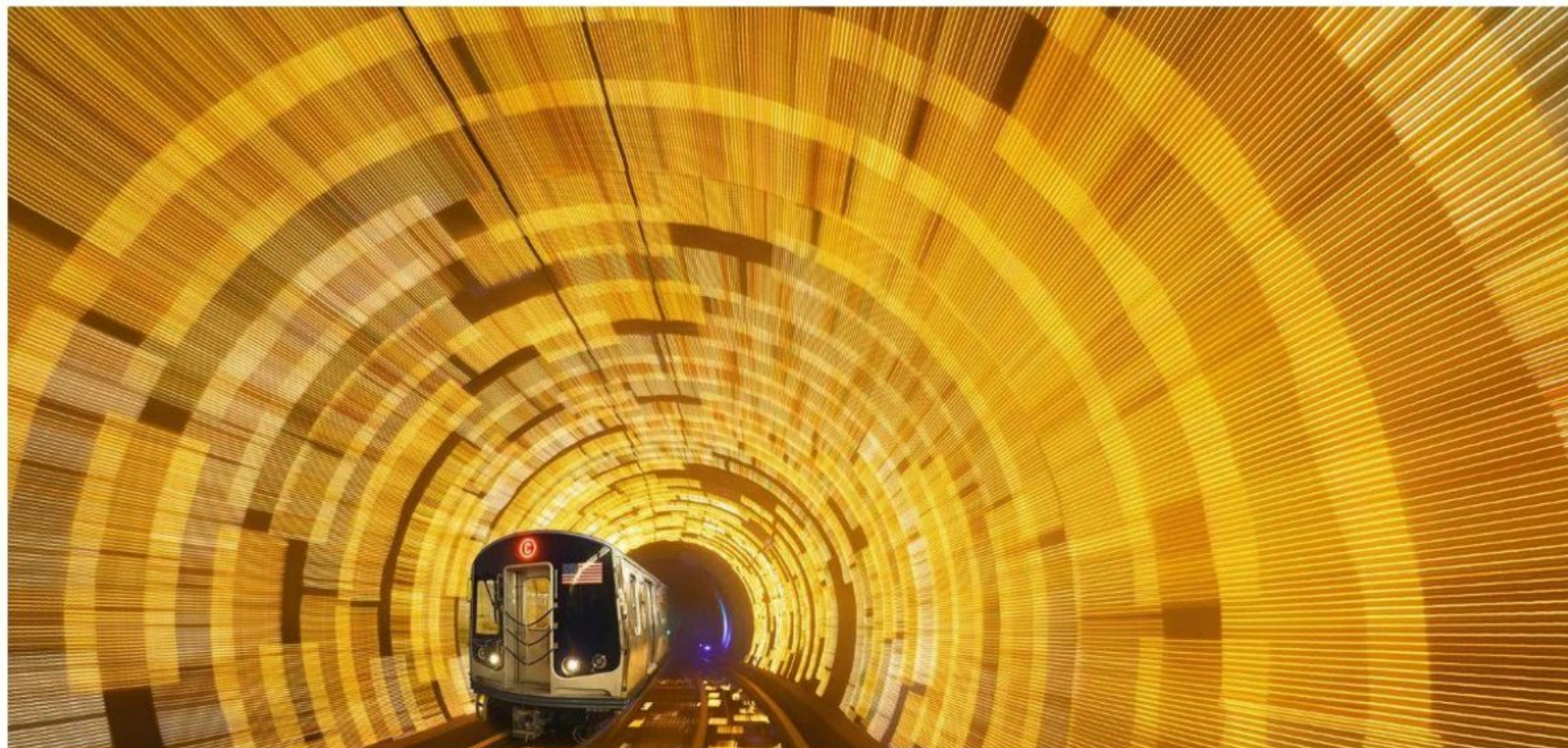
Was looking into if it's possible to just hack into a digital thermometer, rather than building something from arduino. Seems like yes

AARIAN MARSHALL

GEAR FEB 27, 2025 5:00 AM

The New York City Subway Is Using Google Pixels to Listen for Track Defects

New York City's transit authority is one of a few US systems experimenting with using sensors and AI to improve track inspections.





02/23/2025



02/23/2025



Kestrel DROP D3 Wireless Temperature, Humidity & Pressure Data Logger

\$139.00

Get More Advanced Environmental Monitoring with the DROP D3 Wireless Data Logger

Works
With



AVAILABILITY: **IN STOCK**

SKU: 0730

[GOVERNMENT PRICING AVAILABLE](#)

Please fill out the selections below to help us ensure that you're getting the most accurate product

Select your Drop color *

-- Please Select --





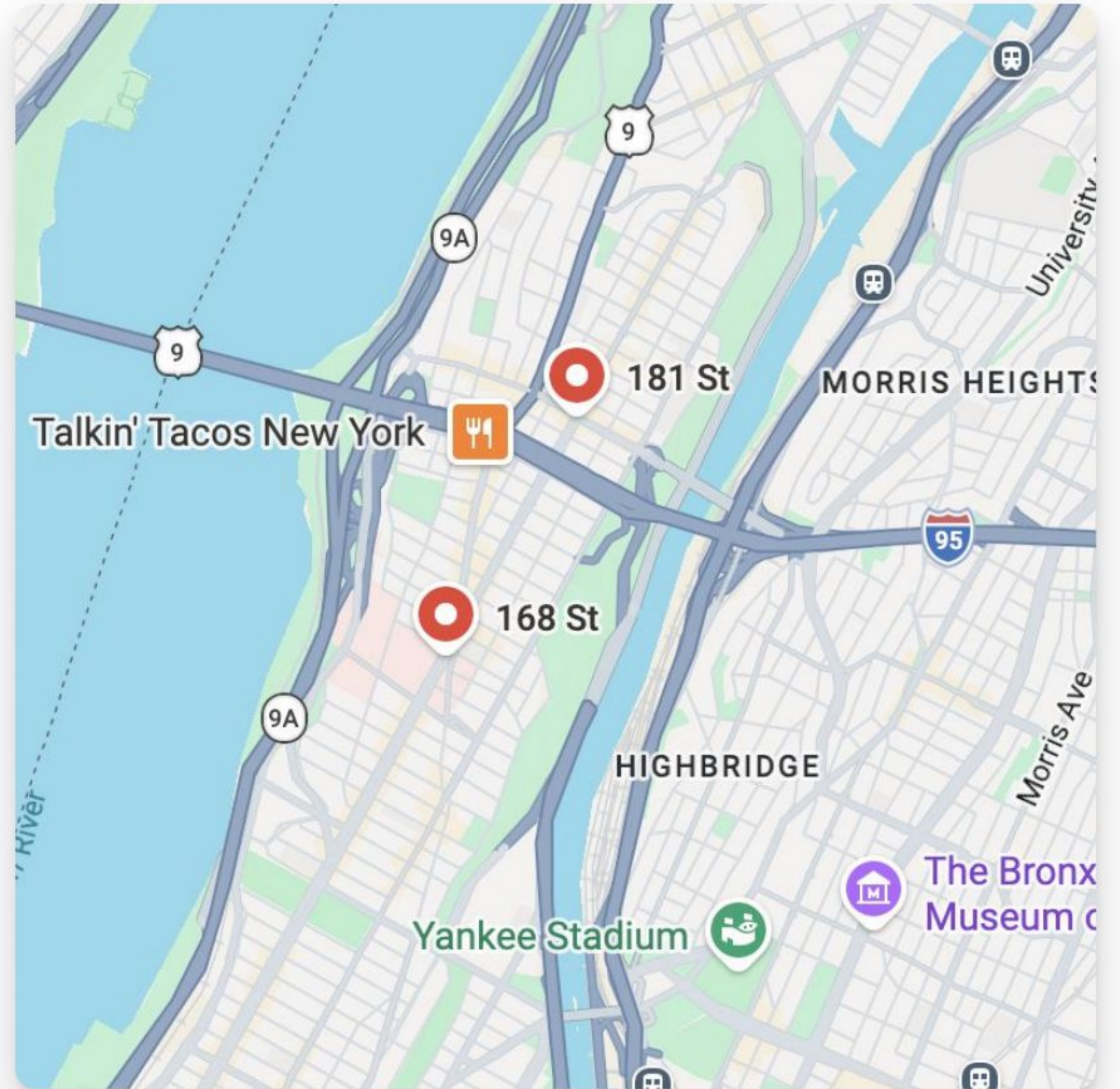
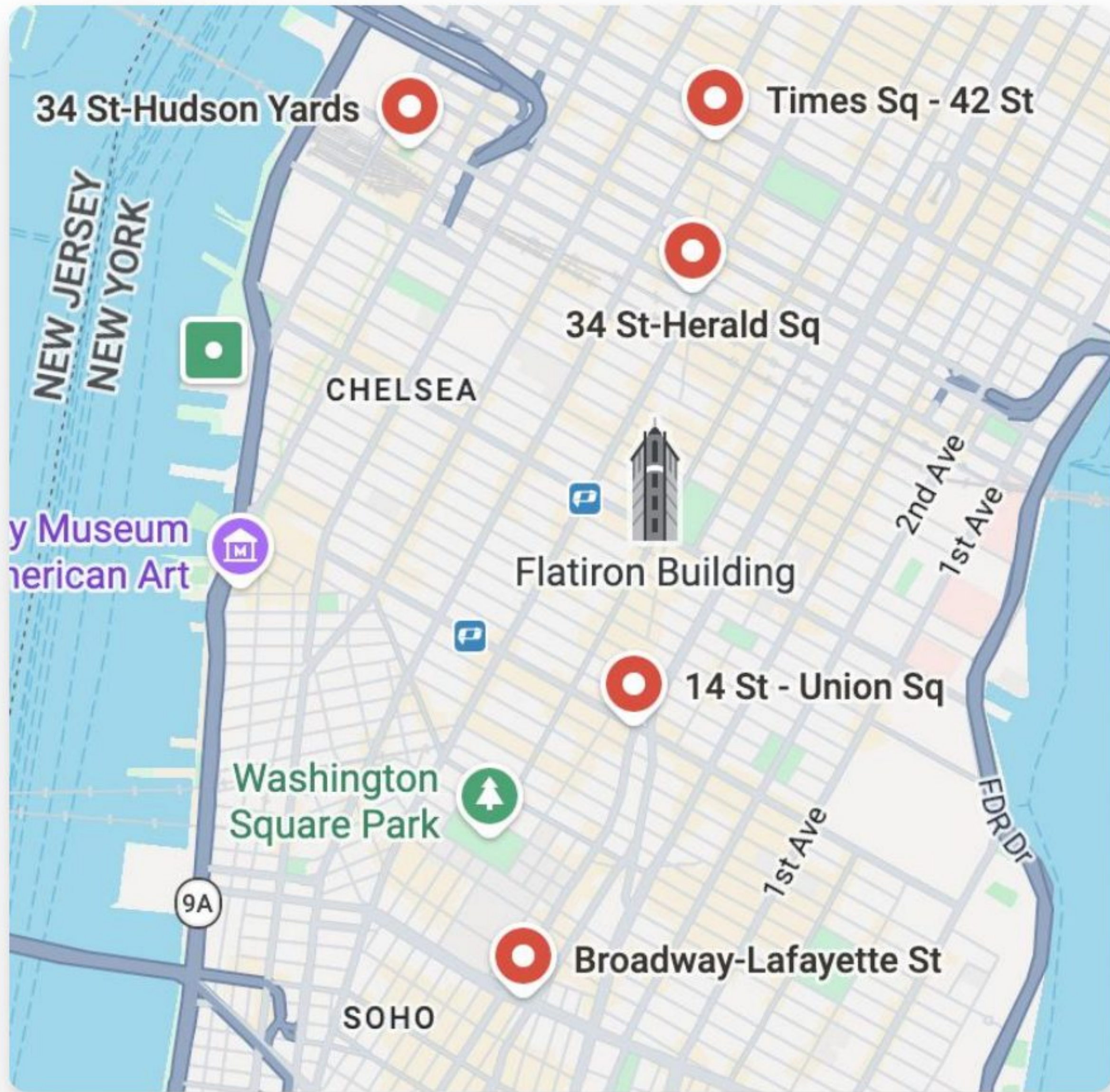
06/03/2025



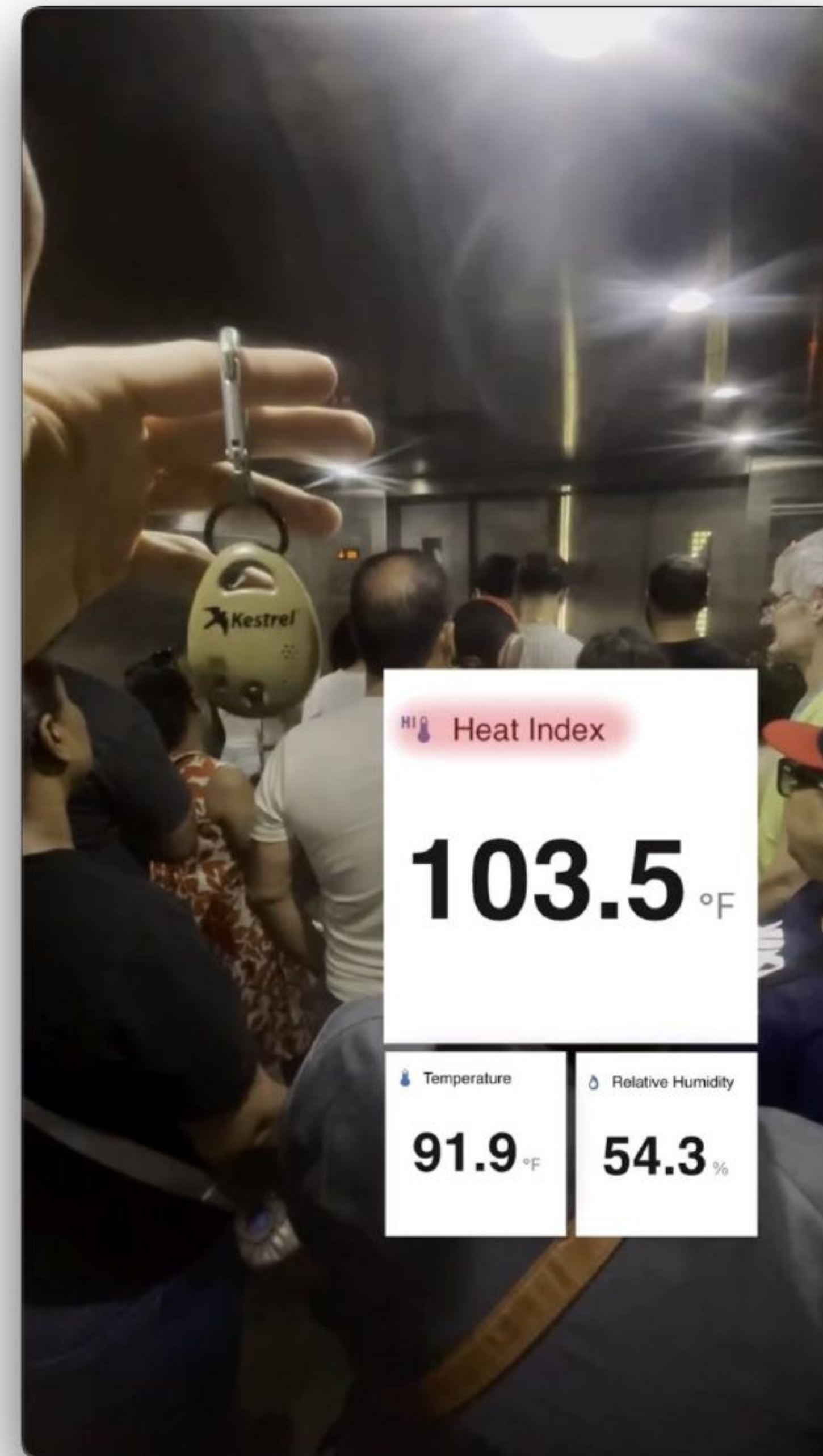
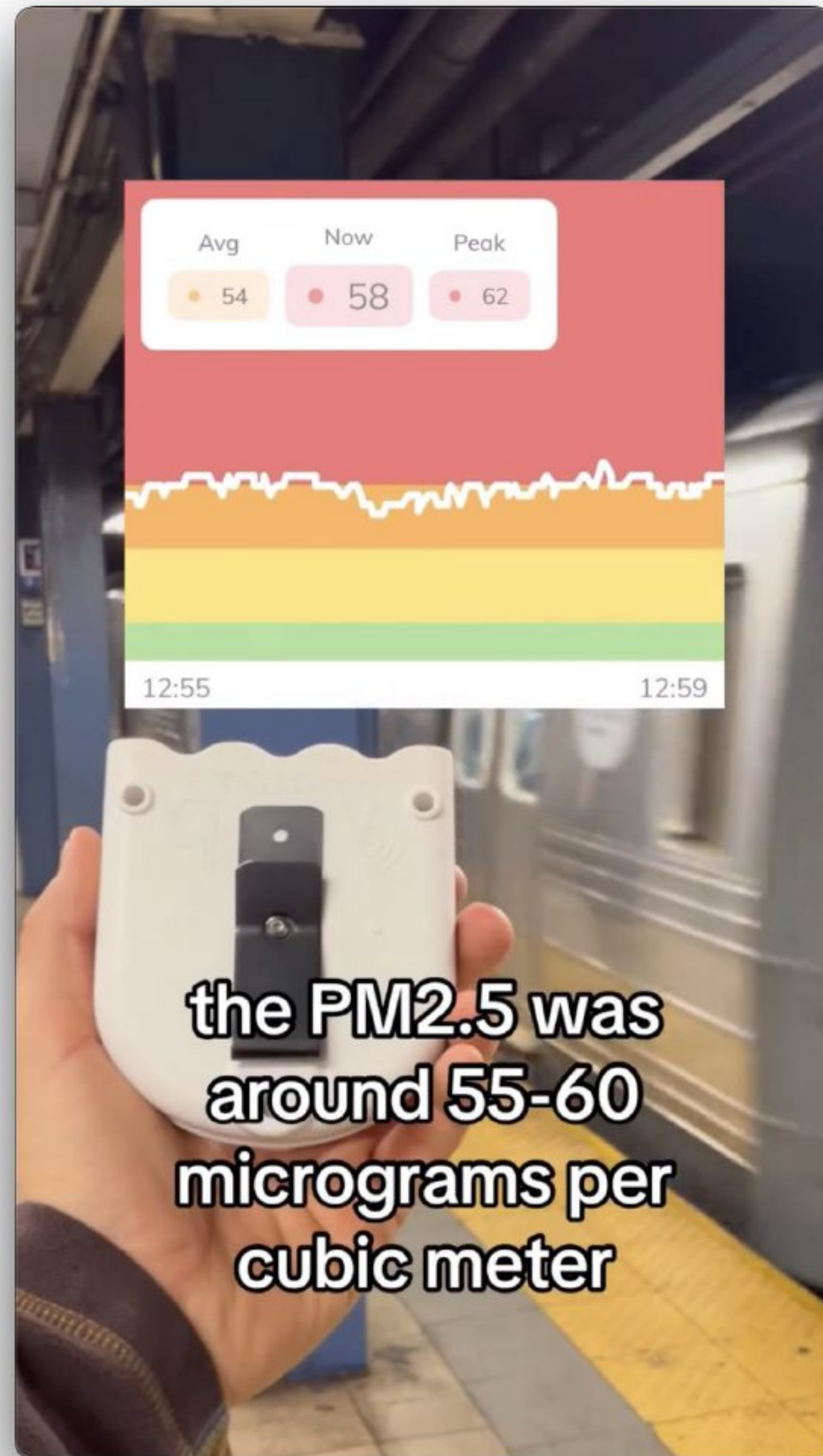
06/03/2025



06/03/2025



Device Name	union square 456			
Device Model	Kestrel DROP 2			
Serial Number	3061464			
FORMATTED DATE_TIME	Temperature	Relative Humidity	Heat Index	Dew Point
yyyy-MM-dd hh:mm:ss a	°F	%	°F	°F
2025-07-15 02:00:00 PM	100.7	43.2	116.2	74.3
2025-07-15 02:05:00 PM	100.5	43.3	115.7	74.2
2025-07-15 02:10:00 PM	100.7	44.0	116.8	74.8
2025-07-15 02:15:00 PM	100.2	44.2	116.1	74.5
2025-07-15 02:20:00 PM	100.2	45.0	116.1	74.9
2025-07-15 02:25:00 PM	100.6	44.0	116.2	74.7
2025-07-15 02:30:00 PM	100.2	44.2	116.1	74.5
2025-07-15 02:35:00 PM	100.5	44.3	116.4	74.8
2025-07-15 02:40:00 PM	100.4	44.0	116.2	74.5



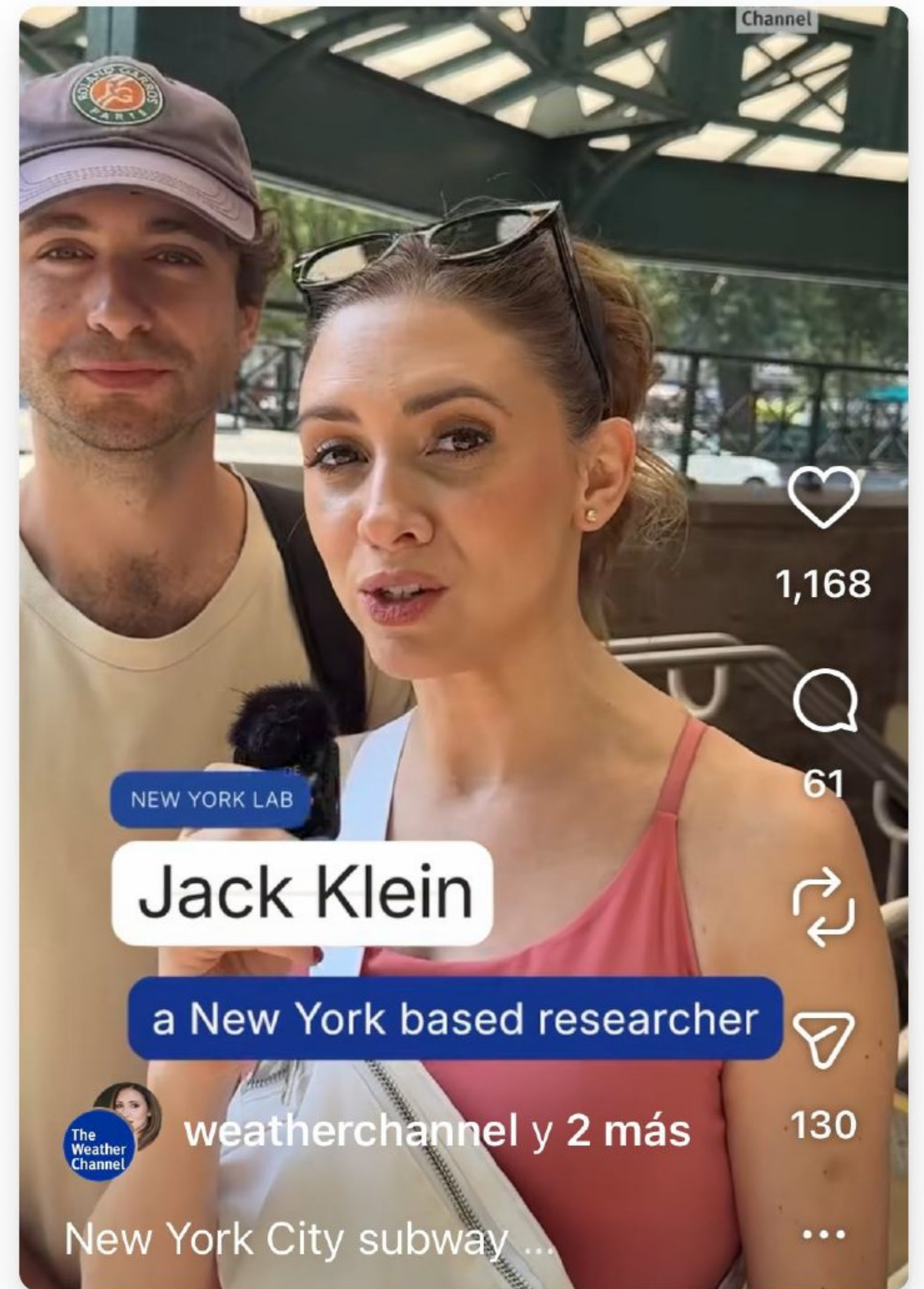
METRO *EXCLUSIVE*

Quirky NYC art project sheds light on scorching hot subway stations with ‘feels like’ temps well above 100 degrees — and this one is the hottest

By [Nicole Rosenthal](#) and [Reuven Fenton](#)

Published July 16, 2025 | Updated July 16, 2025, 6:17 p.m. ET

 38 Comments



News from the Columbia Climate School

CLIMATE, URBANIZATION, VIEWPOINTS

How Do We Fix the Hellish Heat of the New York City Subway System?

by Jonathan Ung

August 19, 2025

 [1 comment](#)

08/19/2025

Did you know that there's a lab under the subway?

Jack Klein is thinking about simple, realistic solutions to a better MTA.



EMILY SUNDBERG

AUG 26, 2025 • PAID

MTA 1855 xRFI-C xFulto xOur xNY Oper xSum x17 Goo xM x+

meet.google.com/bqj-jerq-tun?authuser=0

Relaunch to update

Apps | Vipassana Meditat... | HealthCare.gov | bluecross | NYT Cooking | the skint | zoho | All Bookmarks



Tanya Khotin



Jeff Freedman



Netanel Hutman



James Tannahill

J

Joel O'Camb



Peter Cantone



Aurora Robertson

rS

8 others



J K

People

Add people

Search for people

IN THE MEETING

Contributors

16

^

J

JK (You)

Meeting host

⋮

⋮



Aurora Robertson

🔊

⋮



Billy Schaefer

🔊

⋮

C

Chacko Jacob

🔊

⋮

H

Hamid Norouzi

🔊

⋮

1:21 PM

⋮

🔊

^

📺

📶

😊

📄

👋

⋮

📞

ℹ️

👤 16

💬

⋮

🔒

🕒

Urban Climate Risk Index for ESG & Sustainable Finance Applications

Real-World Climate Index for ESG Investment & Urban Resilience Insights

Exploring Environmental Monitoring Partnership with MTA Leadership

NYC subway heat data — possible relevance to Lyft?



James Tannahill <jtannahill@plocamium.com> • 🔍



🚩 Wed, 09 Jul 2025 5:10:23 PM -0400 • INBOX

📧 To "OHsiang" <OHsiang@lyft.com>

Cc "Jack Klein" <info@newyorklab.co>

Tags 🏷️

Security 🔒 TLS [Learn more](#)



Hi Oliver — quick note: at **NewYorkLab** we're capturing real-time subway heat data in NYC, surfacing overlooked risks that affect commuter experience and potentially influence demand patterns. Curious if this kind of dataset could be relevant to Lyft's partnerships, especially in NYC— happy to share more if helpful!

Warmly,

James

I'd a experience of being underground during heat waves.

We

the

Would this be something you'd want to hear more about, or possibly a dataset/story that fits with your coverage areas? Happy to jump on a quick call.

NewYorkLab

x

The 
Weather
Company

Unlocking Real-Time Climate
Intelligence for Urban Resilience

07/17/2025

Re: Following up on NYC subway microclimate data

Security  [Learn more](#)



Hi Jack,

It was a pleasure speaking with you last week. The vision behind NY Labs is compelling, and we truly appreciate the time you've taken to share your thoughts and concepts with us over our recent conversations.

As we continue to explore the potential for a partnership, we wanted to outline a few areas where we would appreciate further clarity:

- **Data Legality:** It will be important to confirm that any data we ingest is done so with the appropriate permissions from the state, metro authorities, or other relevant entities.
- **Data Adequacy:** We would like more insight into whether the sample data is sufficient for scaling and whether it is usable without additional infrastructure data to support predictive modeling. It would be helpful if you could provide demonstrations or proof-of-concept examples showing how the data could be applied.
- **Intellectual Property Protections:** If you do not already have a patent or one pending, we recommend requiring companies to sign an NDA prior to sharing your product and methodology, in order to protect against potential replication.

Cleaner, cooler subway stations for all New Yorkers

New York Lab

 Public Sector

09/30/2025

Cleaner, cooler subway stations for all New Yorkers

New York Lab



11/25/2025

The Problem

Urban heat is an invisible but escalating climate risk, **especially underground.**

Extreme Heat

Subway station heat in the summer months can reach **120°F heat index**. This impacts riders' and workers' health, especially the most vulnerable.

Lack of Data

Today, heat is measured **only anecdotally** or in one-off studies in NYC subway stations.

Agency Priority

MTA's 2024 Climate Resiliency Roadmap: **Goal #8 = expand underground air circulation and cooling.**

Where We're Going

We're ready for pilots—what's needed now is funding and MTA partnership.

Sensor Pilot Program

Deploy sensors in ~25 stations for 1-2 years.
Use data to evaluate risks and identify station-specific cooling strategies.

Adaptable Solutions

Explore near-term measures like seating, hydration stations, and ventilation fans to reduce heat stress and improve rider comfort.

Innovative Tech

Assess longer-term options such as air-source heat pumps and advanced cooling methods tailored to station depth, age, and design.

RE: MTA Climate Resilience/New York Lab - Introductions



[Redacted]@mtacd.org>  • 

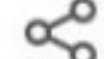
    | 

 Wed, 01 Apr 2026 1:18:06 PM -0400 • INBOX

 To "Jack K" <info@newyorklab.co>

Tags 

Security  TLS [Learn more](#)

Hi Jack,

I hope you have been well, too, and thanks for following up. I have discussed with our broader team, and we do not have the bandwidth to collaborate at this time.

Thank you again, and all the best,

[Redacted signature]

04/01/2026

Re: Google Public Sector <> NewYorkLab: Tackling Subway Heat



▶ OCT 10, 2025 8:22 AM •  • INBOX



Jack K,



Think we are passing here my friend



Google Cloud



Key Account Executive
Google Public Sector
New York Public Sector and EDU
Mobile: 
email: 

Re: [EXTERNAL] Follow-Up on Cooler, Cleaner Subway Stations

Best,
Jack

From: d10scheduling <d10scheduling@council.nyc.gov>

To: "Jack K" <info@newyorklab.co>

Date: Thu, 19 Feb 2026 12:29:23 -0500

Subject: Re: [EXTERNAL] Follow-Up on Cooler, Cleaner Subway Stations

Hi Jack

Thanks for reaching out and at this moment we are short-staffed and in the midst of hiring new staff members. Once we are more setup let's chat. If you don't hear from me by late March please reach out.

Best





RFI-GEO-1-1

**Request for Information for
Geothermal Cooling Technologies
for NYCT Subway Stations**

September 18, 2025

11/21/2025



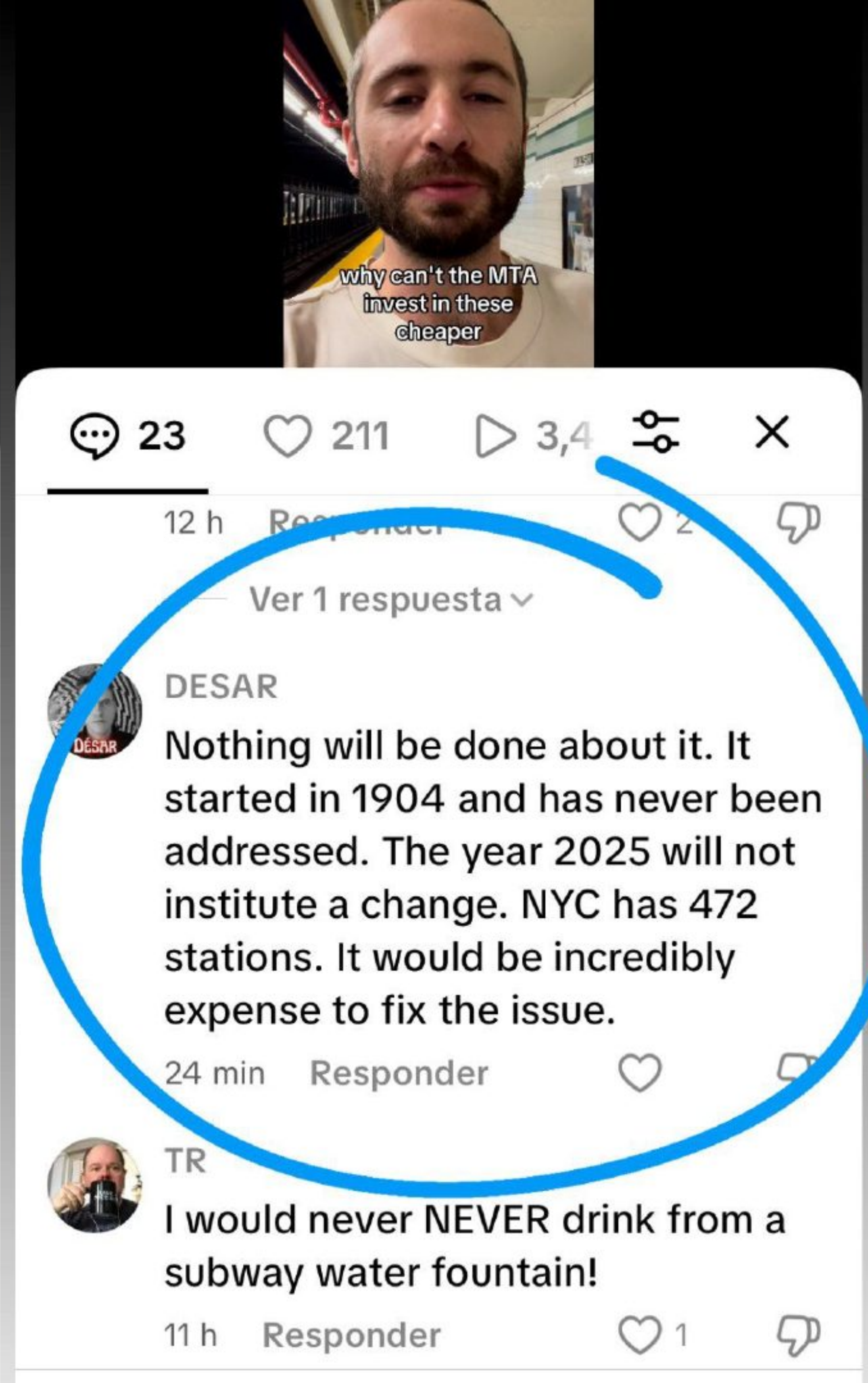
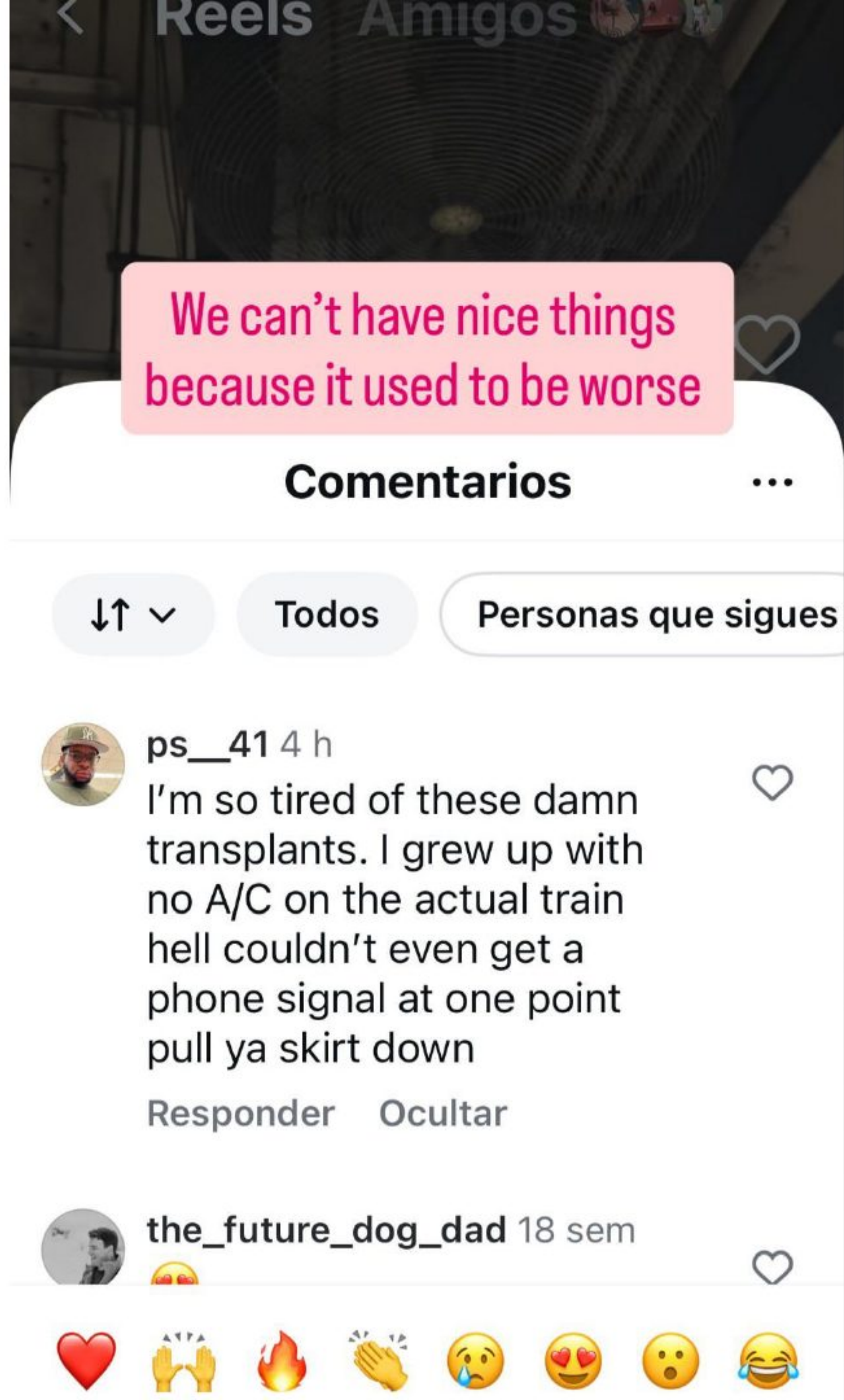
**New York City subway
and bus fares going
up to \$3 in 2026,
MTA officials say**



LOCAL NEWS

**A power outage on one of
the hottest days of the
summer is sending
commuters into a tailspin**





S

Stablerrules76

...

3 July, 2026

Yes its called summertime. It happens every single year

Reply ·  42 · Share

A

ajray

...

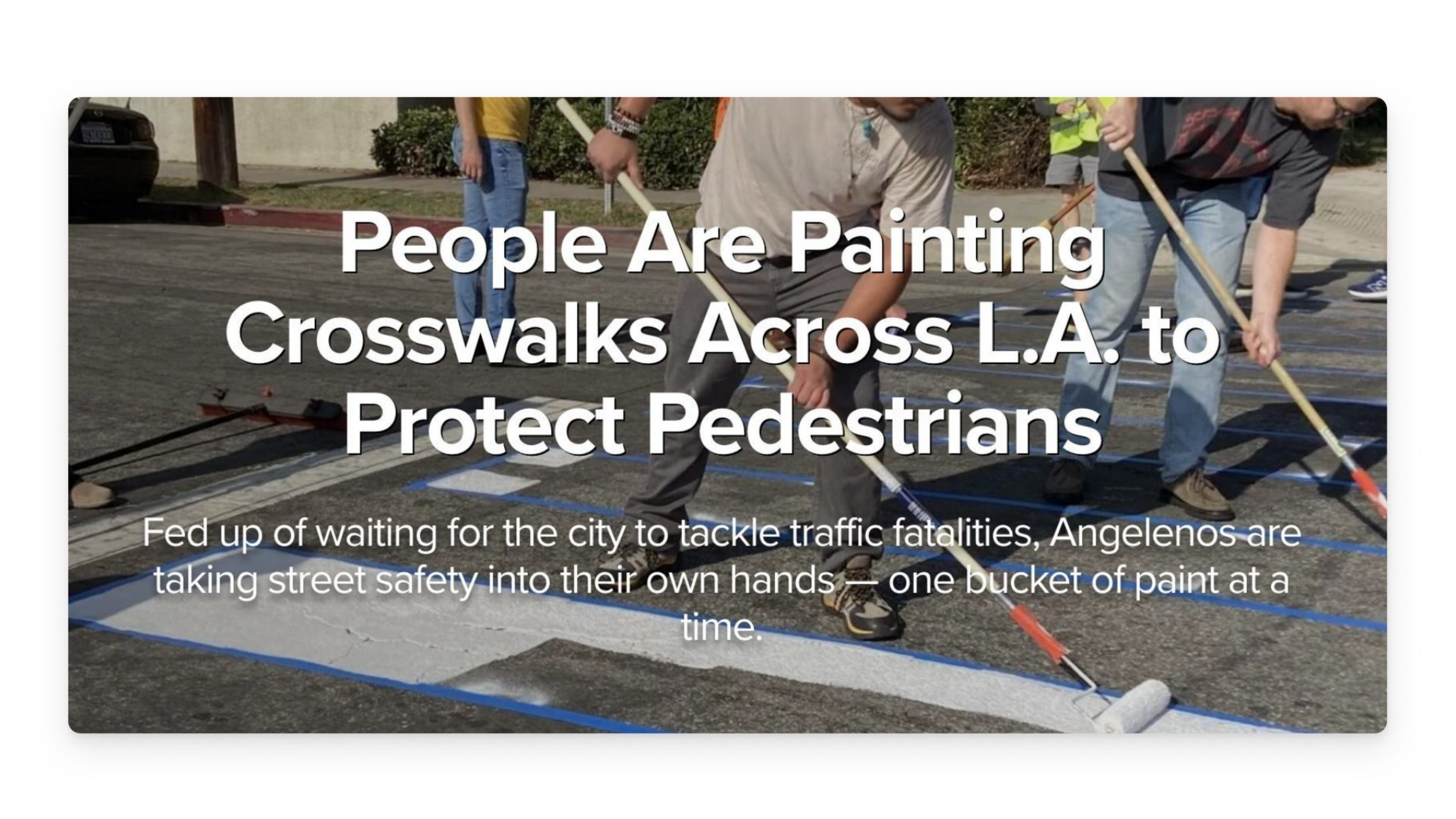
3 July, 2026

And in the winter we'll read about riders 'freezing' waiting for buses & subways at outside stations.

Reply ·  11 · Share

↩ 1 reply

↩ Show 5 more replies

A group of people are painting crosswalks on a street in Los Angeles. They are using long-handled rollers to apply white paint to the asphalt. The scene is outdoors, with a car visible in the background and a clear sky. The text is overlaid on the image.

People Are Painting Crosswalks Across L.A. to Protect Pedestrians

Fed up of waiting for the city to tackle traffic fatalities, Angelenos are taking street safety into their own hands — one bucket of paint at a time.

California

This LA neighborhood is choked by smog. The solution: a network of sensors on offices, homes and bags

Pacoima is hemmed in by highways and heavy industry, and its residents are fighting pollution with hyperlocal air quality monitoring



En route to 14 st Union square



📍 Union Square, NYC



Giving water to a train conductor



***Questions? Thoughts? Experience during the heat wave?
Any rich person or foundation want to give me money so I
can think about these things more?***

**Jack Klein
info@newyorklab.co**

Key Findings

Stations Are Hotter

Hudson Yards was the coolest ($\approx 81^{\circ}\text{F}$), likely due to cooling technology; **168th St** had the highest humidity and heat index ($\approx 103^{\circ}\text{F}$).

Dangerous PM Conditions

Both surface and subway are coolest around 5 AM, but:

- **Surface peaks** ~2 PM.
- **Subways peak** ~6 PM, aligning with the afternoon rush.

Key Findings (Cont.)

Seasonal Accumulation

- **Early June:** stations averaged $\sim 15^{\circ}\text{F}$ hotter than outside.
- **Late July:** this grew to $\sim 25^{\circ}\text{F}$ hotter.

Thermal Stability

The subway stations show **$\sim 40\%$ less variance** than the surface, but at a higher baseline.