Volunteer Guide

TABLE OF CONTENTS

- Before Measurement Day
- On Measurement Day
- Measuring Device Pickup & Dropoff: Base Camps
- Route Maps & Directions

MAIN CONTACT(S) ON MEASUREMENT DAY

- Chris Topoleski, FACS Executive Director, 703-539-9459
- Steve Walz, FACS City of Alexandria Hub Co-Leader, 804-370-4669

Don't hesitate to contact us if you have any issues. We hope Measurement Day goes smoothly!

BEFORE MEASUREMENT DAY

1. CHECK YOUR EMAIL INBOX

You will receive emails connecting you with your teams, picking up measurement equipment, and any other updates!

2. REVIEW YOUR ROUTE

Find and view your route map here: Route Maps & Directions.

We are still finalizing turn-by-turn directions for the remaining routes. If your route does not yet have turn-by-turn directions, please use the route map to familiarize yourself with your assigned route. We recommend uploading the turn-by-turn directions into Google Maps.

3. COORDINATE WITH YOUR TEAM

Drivers and riders should connect before Measurement Day and agree on a convenient place and time to meet before their assigned shift.

TIME WINDOWS

- Morning (6–8 AM)
- Afternoon (2–4 PM)
- Evening (6–8 PM)

Each shift is a two-hour collection window, not a two-hour drive. Your route should take less time to complete. As long as you finish collecting your data before the end of your assigned shift, you have met the project requirements!

4. DOWNLOAD THE REQUIRED APPS

DRIVERS

- Download the **MeteoTracker+** app (Google Play Store OR Apple App Store).
    - **iPhone Users:** If you'll be using an iPhone with the MeteoTracker+ app, please review this separate **iPhone Instructions for MeteoTracker+ App**. It includes screenshots and additional guidance specific to the iPhone version of the app.
- Create an account using the **same email address** you used to sign up for this project. You must use the same email so that we can collect your data after.

RIDERS/NAVIGATORS

- Download the **Google Maps** app if you do not already have it on your phone.

5. ATTN: MORNING SHIFT DRIVERS! PICK UP YOUR METEOTRACKER DEVICE

Morning-shift drivers should pick up their MeteoTracker device from their assigned Base Camp before Measurement Day.

The MeteoTracker device should already be charged when you pick it up. To be safe, use the provided **USB-C charging cable** to top off the battery before your first shift.

See "Measuring Device Pickup & Dropoff: Base Camps."

ON MEASUREMENT DAY (Thursday, July 16, 2026)

BEFORE STARTING YOUR ROUTE

Each team should have:

- **One driver - Drivers should not operate a phone while driving.**
- **One rider/navigator**
- One MeteoTracker device
- One phone running the MeteoTracker+ app
- One phone displaying Google Maps or the turn-by-turn directions

SET UP THE METEOTRACKER

- Turn on the device using the **white, slightly raised button** on the right side of the device beneath the black circle.
- A light beside "BT ADV" should start flickering and then will turn off shortly after. **If the light turns off, it's perfectly fine as long as the timer is going and data is still being recorded in the app!**
- Place the device on the **roof** of your vehicle (NOT the hood). The three legs contain magnets that will securely attach it to the roof.
- Make sure the **flat side with the black grille faces forward** as you drive.
- Turn on Bluetooth, connect the device in the MeteoTracker+ app, and press **Start** before beginning your route.
    - **iPhone Users:** If you'll be using an iPhone with the MeteoTracker+ app, please review this separate **iPhone Instructions for MeteoTracker+ App**. It includes screenshots and additional guidance specific to the iPhone version of the app.

DRIVE YOUR ROUTE

- Find and view your route map here: Route Maps & Directions.
- Follow your assigned route as closely as possible while driving safely and following all traffic laws. Stopping at traffic lights, stop signs, or in traffic is expected.
- If construction, an accident, or another road condition requires a detour, **you can go off-route. Return to the route as soon as safely possible.**
- The Rider/Navigator should monitor the MeteoTracker+ app to make sure it continues collecting data while assisting with travel directions.
- Restart the app if it loses connection with the device.

FINISH YOUR ROUTE

1. Stop the recording in the MeteoTracker+ app.
2. **Email the data link to heatmaps@faithforclimate.org.**
3. Close the app.
4. Safely pull over before removing the MeteoTracker from the roof.
5. Turn off the device.

Congratulations, you have successfully measured weather data for your route!

We would love to see pictures of you and your team! Please send all photos and videos to heatmaps@faithforclimate.org.

MEASURING DEVICE PICKUP & DROPOFF: BASE CAMPS

City of Alexandria & Arlington | Fairfax County (Central/South, West, East)

Base Camps serve two purposes:

- **Wednesday (July 15):** Morning-shift drivers pick up their assigned MeteoTracker device. ***NOTE:** Only Morning Drivers will pick up their device ahead of time!
- **Thursday (July 16):** Teams drop off and pick up devices before and/or after their shift(s)!

If your team is **only participating in one or two shifts (Morning and/or Afternoon)**, you **must return the MeteoTracker device to your assigned Base Camp after your final shift** so it is available for the next team.

If your team is participating in the **Afternoon and/or Evening shift**, you must pick up the MeteoTracker device from your assigned Base Camp before your shift begins.

Evening teams: If you cannot return the device after your shift, please hold onto it for now. We will contact you to arrange its return.

CITY OF ALEXANDRIA & ARLINGTON BASE CAMP (ROUTES 1-6)

Steve Walz Residence

WEDNESDAY (July 15) EQUIPMENT PICK UP: Anytime after 10 a.m.

THURSDAY (July 16) DEVICE DROP OFF/PICK UP: Available all day

Routes:	**ADDRESS & CONTACT**
• Route 1: Old Town Alexandria • Route 2: Jefferson Houston • Route 3: Alexandria West End • Route 4: Arlington Heights • Route 5: Rosslyn-Ballston • Route 6: National Landing	304 E Glebe Road, Alexandria, VA 22305 804-370-4669 steve.walz@verizon.net Please contact Steve in advance to coordinate your device pickup or return.

CENTRAL/SOUTH FAIRFAX COUNTY BASE CAMP (ROUTES 7, 12, 16, 19, 22, 23, 24, 26, 27 & 29)

American Red Cross – Northern Virginia Chapter

EVENING TEAMS: Please hold onto your device after your shift. We will contact you to arrange its return.

Routes:	**ADDRESS & CONTACT**
• Route 7: Culmore • Route 12: Falls Church • Route 16: Annandale • Route 19: Oakton • Route 22: London Towne • Route 23: Henderson Road • Route 24: Fairfax Government Center • Route 26: Ivakota • Route 27: GMU/Kings Park West • Route 29: Tysons	American Red Cross, 8550 Arlington Blvd., Fairfax, VA 22031 **WEDNESDAY (July 15) EQUIPMENT PICK UP: 4–6 p.m.** Just enter the building lobby, and an American Red Cross staff member will assist you. **THURSDAY (July 16) DEVICE DROP OFF/PICK UP: 7:30 a.m.–5 p.m.** When you arrive, tell the security/front desk that you are there for FACS' Urban Heat Island Mapping Project. Meirina (571-564-0314) will meet you and assist with device dropoff/pickup.

WEST FAIRFAX COUNTY BASE CAMP (ROUTES 8, 11, 17, 18, 20 & 25)

Chris Topoleski Residence

WEDNESDAY (July 15) EQUIPMENT PICK UP: Until 8 p.m.

THURSDAY (July 16) DEVICE DROP OFF/PICK UP: Available all day

Routes:	**ADDRESS & CONTACT**
• Route 8: Wolf Trap Stream Valley • Route 11: Brookhaven • Route 17: Herndon • Route 18: Chantilly • Route 20: Reston • Route 25: Franklin Farm	11052 Saffold Way, Reston, VA 20190 703-539-9459 christopher@faithforclimate.org Please contact Chris in advance to coordinate your device pickup or return.

EAST FAIRFAX COUNTY BASE CAMP (ROUTES 9, 10, 13, 14, 15, 21, 28 & 30)

***NOTE: This Base Camp has different locations for Wednesday and Thursday.**

Routes:

- Route 9: Lincolnia
- Route 10: Springfield
- Route 13: Belle Rive
- Route 14: York Manor
- Route 15: Franconia
- Route 21: Lorton
- Route 28: Fort Hunt
- Route 30: Mt. Vernon

WEDNESDAY (July 15) EQUIPMENT PICK UP: 3–7 p.m.	**THURSDAY (July 16) DEVICE DROP OFF/PICK UP: Available all day**
Location: Kingstowne Regional Library, 2nd Floor, Study Room #1, 7130 Silver Lake Blvd, Kingstowne, VA 22315 **Point Person:** Joe Gillmer, 202-805-1264	**Location:** 4812 Wilby Ct, Alexandria, VA 22310 **Point Person:** Andreana Jinjue Lin, 240-643-0303 Please contact Andreana in advance to coordinate your device pickup or return.

ROUTE MAPS & DIRECTIONS

We recommend uploading the turn-by-turn directions into Google Maps once available, but it is not required.

- **How do I open the turn-by-turn directions into Google Maps?** Clicking on the Turn-by-Turn link should automatically open up in Google Maps.
- **Does it matter which way I start? No, you can choose whichever start or end point and direction to go in.** The turn-by-turn is just there as a helpful suggestion.

Please note: The original GMU maps may display different route numbers. Please use the route numbers listed below in this document as the official reference.

- **Route 1: Old Town Alexandria**

    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1A4gFJG-NrmNQiadW7xgMfbgM4jVsAb4&usp=sharing

- **Route 2: Jefferson Houston**
    - Google Turn-by-Turn: https://maps.app.goo.gl/ZtfFvkUmNmoJEbrw9
    - **IMPORTANT:** Google Maps would not allow the turns near the end of the route – reference the original GMU Map below to capture more of the streets and switchbacks.
        - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1YQk6JbnMPLPFfADvRip-WHDgL0go1nA&usp=sharing

- **Route 3: Alexandria West End**
    - Google Turn-by-Turn: https://maps.app.goo.gl/mPiFKHZJwcNZs67S6
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=14SaXEneTx-S1SuwrGq6774dBVCAvyMo&usp=sharing

- **Route 4: Arlington Heights**
    - Google Turn-by-Turn Directions: https://maps.app.goo.gl/y15wSmiE7C1SiYmS8
    - Original GMU Map: https://www.google.com/maps/d/u/0/viewer?mid=1TEI48Tae-EDu6zwhze2lct8gQqS6v4Y&ll=38.86065593030664%2C-77.09445799999999&z=14

- **Route 5: Rosslyn-Ballston**
    - Google Turn-by-Turn: https://maps.app.goo.gl/G2thf6zFZSqsrhPe9
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1ApSxJm7OF0qTQ-I3YV99sZ2VAu7XKv0&usp=sharing

- **Route 6: National Landing**
    - Google Turn-by-Turn: https://maps.app.goo.gl/Lc5pX34vNduyLuQy5
    - **IMPORTANT:** Google Maps would not allow the turns near the end of the route – reference the original GMU Map to capture more of the streets and switchbacks.
        - Original GMU Map: https://www.google.com/maps/d/u/0/viewer?mid=16mk8-RzkqN8mNDguGyGJ24FbssmMrC0&ll=38.84489013086422%2C-77.0578495&z=14

- **Route 7: Culmore**

    - Google Turn-by-Turn: https://maps.app.goo.gl/JBzdTG7DbP2jvoE76
    - Original GMU Map: https://www.google.com/maps/d/u/0/viewer?mid=11Cnv_WMGiLhoQtMISuyKKpT4ZpBx-zU&ll=38.82450844585088%2C-77.21394500000001&z=13

- **Route 8: Wolf Trap Stream Valley**
    - Google Turn-by-Turn: https://maps.app.goo.gl/MtttEYvwNwFa8Sg4A
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1tkxQv2_GQxz9wXqcB1xTmVbmdeovmv0&usp=sharing

- **Route 9: Lincolnia**
    - Google Turn-by-Turn: https://maps.app.goo.gl/3BUhwr5CbaNcE6YR6
    - Original GMU Map: https://www.google.com/maps/d/u/0/viewer?mid=1ql1ezYKwefXxWrCUaJ-lsXV5zYtBK7A&ll=38.80089873352717%2C-77.1821075&z=13

- **Route 10: Springfield**
    - Google Turn-by-Turn Directions: https://maps.app.goo.gl/3S7tf6KM7U2fi1NG8
    - Original GMU Map: https://www.google.com/maps/d/u/0/viewer?mid=1pOHHwLYW5tNl_U3MPTOM5dvoWOksI6Q&ll=38.752661601292026%2C-77.1448905&z=13

- **Route 11: Brookhaven**
    - Google Turn-by-Turn Directions: https://maps.app.goo.gl/h4vHqRBK2ZWSrd498
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1ilNWAYQJecSKSDX_iY0r57EaeLLbfxc&usp=sharing

- **Route 12: Falls Church**
    - Google Turn-by-Turn Directions: https://maps.app.goo.gl/LwTeryVY74QJu7dP7
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1rh6mjAcTOVvbsAlCuIWLqot7L7Og9wg&usp=sharing

- **Route 13: Belle Rive**
    - Google Turn-by-Turn Directions: https://maps.app.goo.gl/wWQT1PXYV84PWhadA

    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1kZjVdRmGqlPTLikUmbIK90i5U5sEHmg&usp=sharing

- **Route 14: York Manor**
    - Google Turn-by-Turn: https://maps.app.goo.gl/LyDpzxmFHCgWBmMV8
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1lZpFyT2UeXV9RqdYckIPeU42EIX97tA&usp=sharing

- **Route 15: Franconia**
    - Google Turn-by-Turn Directions: https://maps.app.goo.gl/vSJzv1Vcfsb9pmPPA
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1D8B8pNLnSKWTaLReJ-kaVE1vr6eqh1I&usp=sharing

- **Route 16: Annandale**
    - Google Turn-by-Turn: https://maps.app.goo.gl/QVUWJMGgbCFCnBu29
    - Original GMU Map:
    - https://www.google.com/maps/d/u/0/edit?mid=1UQqnmA_0SXEpu6CkBjNveBtj_5H-zc0&usp=sharing

- **Route 17: Herndon**
    - Google Turn-by-Turn: https://maps.app.goo.gl/pWZ7VgipqANMF1b39
    - Original GMU Map: https://www.google.com/maps/d/u/0/viewer?mid=14UoGyqwD18h1tbzHI1GZkNDllGB1-Ic&ll=38.97029107625049%2C-77.38868699999999&z=13

- **Route 18: Chantilly**
    - Google Turn-by-Turn: https://maps.app.goo.gl/JCEFbdZWQ27wuiGXA
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1_PRYiNvkZ2A_oYF37OpKUZqDjd10yEE&usp=sharing

- **Route 19: Oakton**
    - Google Turn-by-Turn: https://maps.app.goo.gl/vCGjgZmjjKB9m9Ew5
    - Original GMU Map: https://www.google.com/maps/d/u/0/viewer?mid=1bwJlqS1QmjHyi9I_nm0ZZ47CGs8r0WY&ll=38.89110218696606%2C-77.27948155000003&z=13

- **Route 20: Reston**

    - Google Turn-by-Turn: https://maps.app.goo.gl/o3tyPFWbjGDbFRfX9
    - Original GMU Map: https://www.google.com/maps/d/u/0/viewer?mid=12M5mTyuoBnzHBgJBXBix6u96WF2ZHjg&ll=38.98486702051346%2C-77.35531499999999&z=13

- **Route 21: Lorton**
    - Google Turn-by-Turn Directions: https://maps.app.goo.gl/c4LpeLwfhkCLrDhG6
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1nZHIG9euXvJwC2BLXcKlXAQu2kFLlQY&usp=sharing

- **Route 22: London Towne**
    - Google Turn-by-Turn: https://maps.app.goo.gl/jUhyZ6qoUv9pHyDL6
    - Original GMU Map:
    - https://www.google.com/maps/d/u/0/edit?mid=1CObGzP5dhYprvpZIUThj73nRd5IWwUg&usp=sharing

- **Route 23: Henderson Road**
    - Google Turn-by-Turn Directions: https://maps.app.goo.gl/5vjpidMSGudztcA2A
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1Am0cmaxU5-d6InxJlU8P_2qtIjmY9kY&usp=sharing

- **Route 24: Fairfax Government Center**
    - Google Turn-by-Turn: https://maps.app.goo.gl/rwProQ4TuaUZuCVP9
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1e4WqfjccGn9_-SFjhA122OuypRJ_BJ8&usp=sharing

- **Route 25: Franklin Farm**
    - Google Turn-by-Turn: https://maps.app.goo.gl/oC1hY5Ebub8XRYZB9
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1bJoIGm4CLBuO9fqWN0UGEE8d_fUCKRQ&usp=sharing

- **Route 26: Ivakota**

    - Google Turn-by-Turn Directions: https://maps.app.goo.gl/A3wc7GzGaE6gji8o9

    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=15hsX6p02xq7N3I2zGEy7jBJ1IUwmjJM&usp=sharing

- **Route 27: GMU/Kings Park West**
    - Google Turn-by-Turn: https://maps.app.goo.gl/cq4ykpJL6hf2WKU16
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1pe6rn6f6t27eEvXI-b2JcYH97EzfCTI&usp=sharing

- **Route 28: Fort Hunt**
    - Google Turn-by-Turn: https://maps.app.goo.gl/Zz76hwEvfCDVWCFo9
    - Original GMU Map:
    - https://www.google.com/maps/d/u/0/edit?mid=1pWEr6zvjiucwJEuD53L01xQ4K78l5Ww&usp=sharing

- **Route 29: Tysons**
    - Google Turn-by-Turn: https://maps.app.goo.gl/iMR1pbsid7sfmr9Q6
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1UJilTG1_Ae-T7FIdP9g9z3kpEeiDP44&usp=sharing

- **Route 30: Mt. Vernon**
    - Google Turn-by-Turn: https://maps.app.goo.gl/cMmFqKxFa5RR2ANcA
    - Original GMU Map: https://www.google.com/maps/d/u/0/edit?mid=1ZaMVovDSnMytm-anekKEsgwKHUs1ESo&usp=sharing