

I ❤️ Strava but...

Based on paid account features, I'm not the target

- not training for an event
- don't care how fast I go (mostly)
- prefer new trails
- my GPS device is an iPhone
- don't have a HRM
- don't know my shoe model
- heatmap bug led me astray

RANK	ATHLETE	TIME, SPEED
1	 Julie Kuang Jan 27, 2019	13:40 >
2	 Jolanda Radix-van Ov... Feb 2, 2020	15:19 >
3	 Shurui Shang Nov 24, 2020	15:27 >
4	 Heather Diaz May 13, 2021	16:03 >
5	 Kimberly Nicholls Feb 23, 2024	16:11 >

Segment Local Legend

All Athletes Women

Segment
S Rim tr - S Woodland to Sycamore
1.04 mi 484 ft 8.7% 

 Kimberly Nicholls 
2 efforts in the last 90 days

You're the Local Legend! How long can you keep the crown?

See Your Results

Overall Efforts - Women
In the last 90 days

All Athletes Following

Total Athletes Total Efforts Total Distance
7 **8** **8.3 mi**

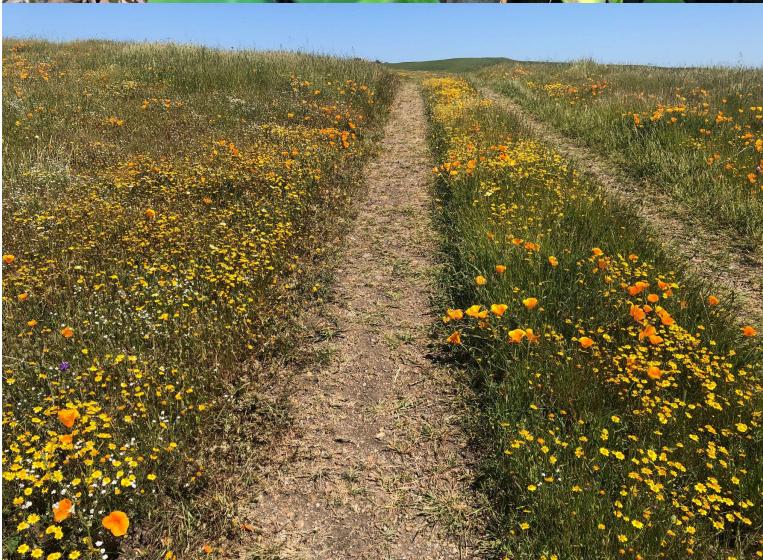
You're currently the Local Legend with **2 efforts**



I ❤️ maps and Python...

Goals

- use my Strava data to find new-to-me trails
- layer over a base map optimized for hiking
- combine with other data sources
- own my data



Assorted history

1993 GPS satellites fully available (100m uncertainty)

2000 free civil access to GPS with full accuracy (5m)

2005 Google Maps launched

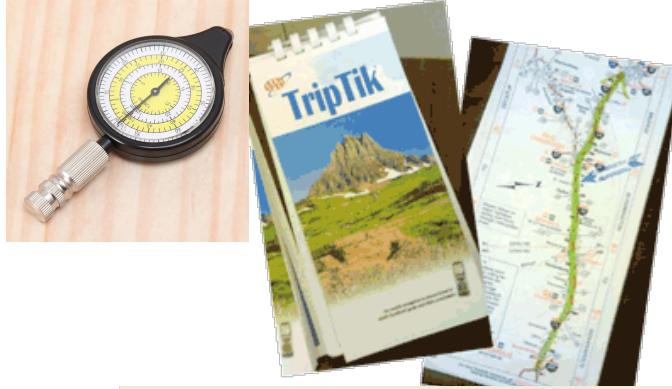
2008 GeoJSON standard formalized

2009 Strava founded

2011 Leaflet.js for developers w/o a GIS background

2013 Google Maps switches to vector tiles

2015 Mapbox vector tiles adopted as a standard



Directions

From S 17th St & Howard St, Omaha, NE 68102

To Ferry St & S 12th St, Exton, PA 19042

Local Information: See local events, moves, news & more. Online Offers: Hotels in Omaha | Omaha Restaurants | Nebraska Auto Insurance

Move Up ▲ Move Down ▼ Edit Remove X

Directions from A to B:

- Start out going WEST on HOWARD ST toward S 18TH ST.
- Turn RIGHT onto S 19TH ST.
- Turn RIGHT onto DOUGLAS ST/US-6 E.
- Merge onto I-29 E/US-6 E (Crossing into IOWA).
- Merge onto I-29 S toward KANSAS CITY/I-80.
- Take I-80 E toward DES MOINES.
- Merge onto I-80 E via EXIT 290 toward CHICAGO/MINNEAPOLIS.
- Merge onto I-280 E via EXIT 290 toward ROCK ISLAND/MOLINE (Crossing into ILLINOIS).
- I-280 E becomes I-80 E (Portions toll) (Crossing into INDIANA).
- Merge onto I-80 E via EXIT 16 toward OHIO (Portions toll) (Crossing into OHIO).

Estimated Time: 18 hours 57 minutes Estimated Distance: 1190.83 miles

Local Information: See local events, moves, news & more. Online Offers: Hotels in Exton | Exton Restaurants | Pennsylvania Auto Insurance

Move Up ▲ Move Down ▼ Edit Remove X

A screenshot of a navigation application. At the top, it shows the start location as "S 17th St & Howard St, Omaha, NE 68102" and the end location as "Ferry St & S 12th St, Exton, PA 19042". Below this is a "Local Information" section with links for local events, moves, news, and online offers for hotels, restaurants, and auto insurance. The main area displays "Directions from A to B:" with a numbered list of 17 driving steps. To the right of the steps is a map showing the route across several states, including Iowa, Illinois, Indiana, and Ohio. The map highlights major highways like I-29, I-80, and I-280. At the bottom, it provides an estimated time of 18 hours and 57 minutes and a distance of 1190.83 miles. There are also "Move Up" and "Move Down" buttons, an "Edit" button, and a "Remove X" button.

Resources

Strava export GPX: Settings / My Account / [Download or Delete Your Account](#)

[gpx.studio](#) - online GPX editor

[GeoPandas](#) - pandas interface for geodata

[MapTiler](#) - Easy to use maps, documentation, code samples, and developer tools;
online map editor