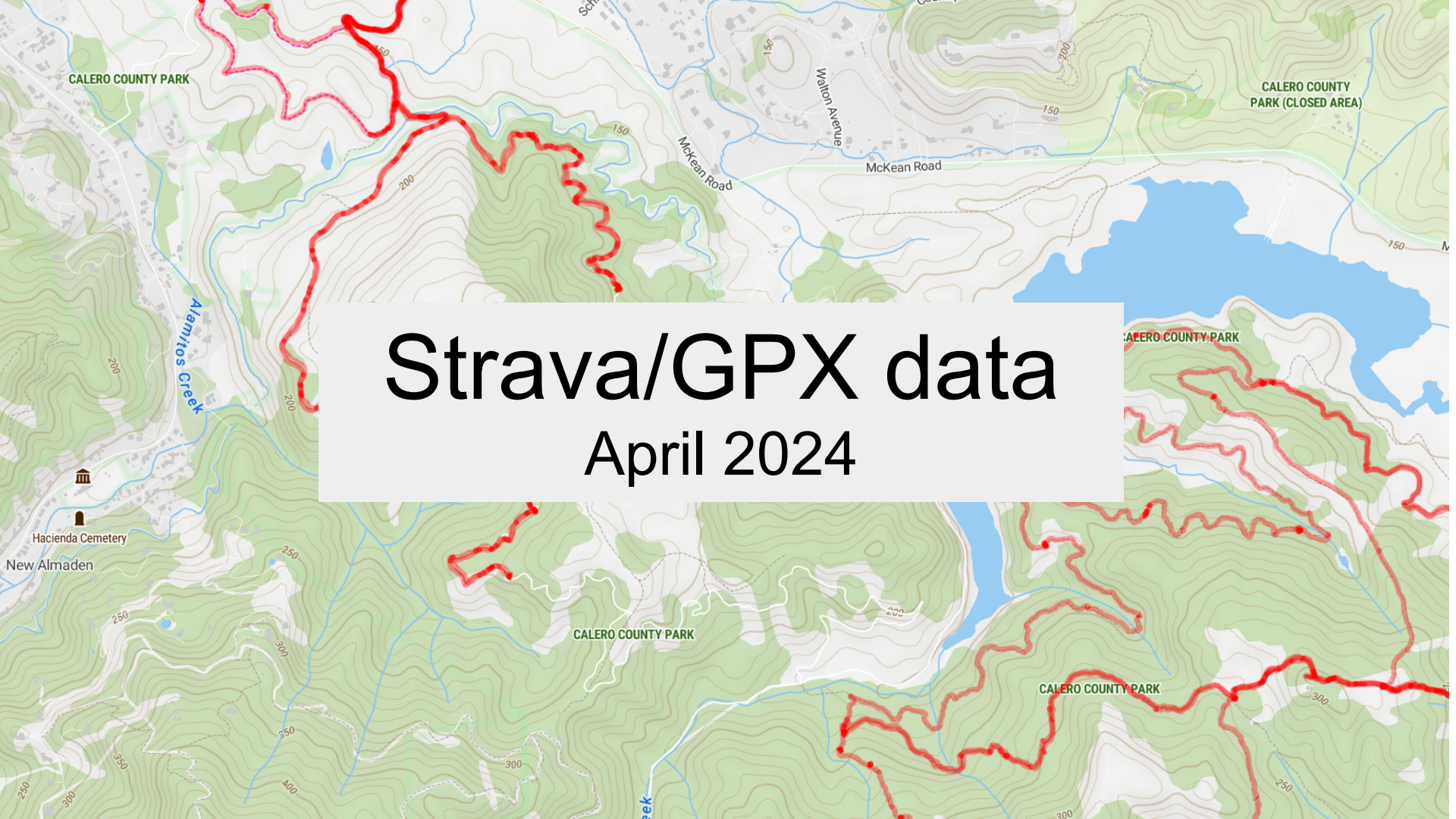




Strava/GPX data

April 2024

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
	 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 Top 7%	16:11 >

Take 2:31 off to earn the crown

[< Segment](#) [Local Legend](#) [ooo](#)

[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
7

Total Efforts
8

Total Distance
8.3 mi

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

10

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

Start: S 17th St & Howard St
Omaha, NE 68102

Local Information - See local events, movies, news & more.

Search Nearby | Zoom to Street | Send to Cell | Send to OnStar
Online Offers: Models in Omaha | Omaha Restaurants | Nebraska Auto Insurance

▼ Directions from A to B:

Step	Instruction	Distance	Map
1	Start out going WEST on HOWARD ST toward S 18TH ST.	0.1 mi	Map
2	Turn RIGHT onto S 19TH ST.	0.2 mi	Map Avoid
3	Turn RIGHT onto DOUGLAS ST/US-6 E	0.6 mi	Map Avoid
4	Merge onto I-480 E/US-6 E (Crossing into IOWA).	0.7 mi	Map Avoid
5	Merge onto I-29 S toward KANSAS CITY/I-80.	5.2 mi	Map Avoid
6	Take I-80 E toward DES MOINES.	118.9 mi	Map Avoid
7	Merge onto I-80 E via EXIT 123B toward CHICAGO/MINNEAPOLIS.	166.7 mi	Map Avoid
8	Merge onto I-280 E via EXIT 290 toward ROCK ISLAND/ MOLINE (Crossing into ILLINOIS).	27.5 mi	Map Avoid
9	I-280 E becomes I-80 E (Portions toll) (Crossing into INDIANA).	168.3 mi	Map Avoid
10	Merge onto I-80 E via EXIT 16 toward OHIO (Portions toll) (Crossing into OHIO).	354.9 mi	Map Avoid

11	Merge onto I-80 E via EXIT 216 toward YOUNGSTOWN (Crossing into PENNSYLVANIA).	320.9 mi	Map Avoid
12	Merge onto PA-33 S via EXIT 302A toward US-209 S/ SNYDERVILLE.	22.1 mi	Map Avoid
13	Take the PA-249 exit toward WILSON.	0.3 mi	Map Avoid
14	Turn RIGHT onto PA-249 E/ EASTON HAZARETH HWY. Continue to follow PA-249 E.	3.0 mi	Map Avoid
15	Turn SLIGHT LEFT onto PA-249/ NORTHAMPTON ST.	1.4 mi	Map Avoid
16	Turn RIGHT onto S 12TH ST.	0.1 mi	Map Avoid
17	End at Ferry St & S 12th St Easton, PA 18042		Map

Estimated Time: 16 hours 57 minutes Estimated Distance: 1190.83 miles

Start: Ferry St & S 12th St
Easton, PA 18042

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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