



Buffalo Marathon 2014

Buffalo, NY

Measured on May 11, 2014
Measured By Jeff John
BuffaloRunners.com
Calibration: NY12132JG

1st Half of Marathon: ▶ ▶ ▶
2nd Half of Marathon: ➡ ➡ ➡

Diagram illustrating the location of the Augsburger Parking Ramp relative to the intersection of Franklin St and W Chippewa St. The ramp is located 136 feet south of the intersection. A 'START' arrow points to the intersection.

Niagara Square

Barrier constructed on centerline from Niagara Square to Turn-Around Cone

Court S

Niagara St

Delaware Ave

W Eagle St

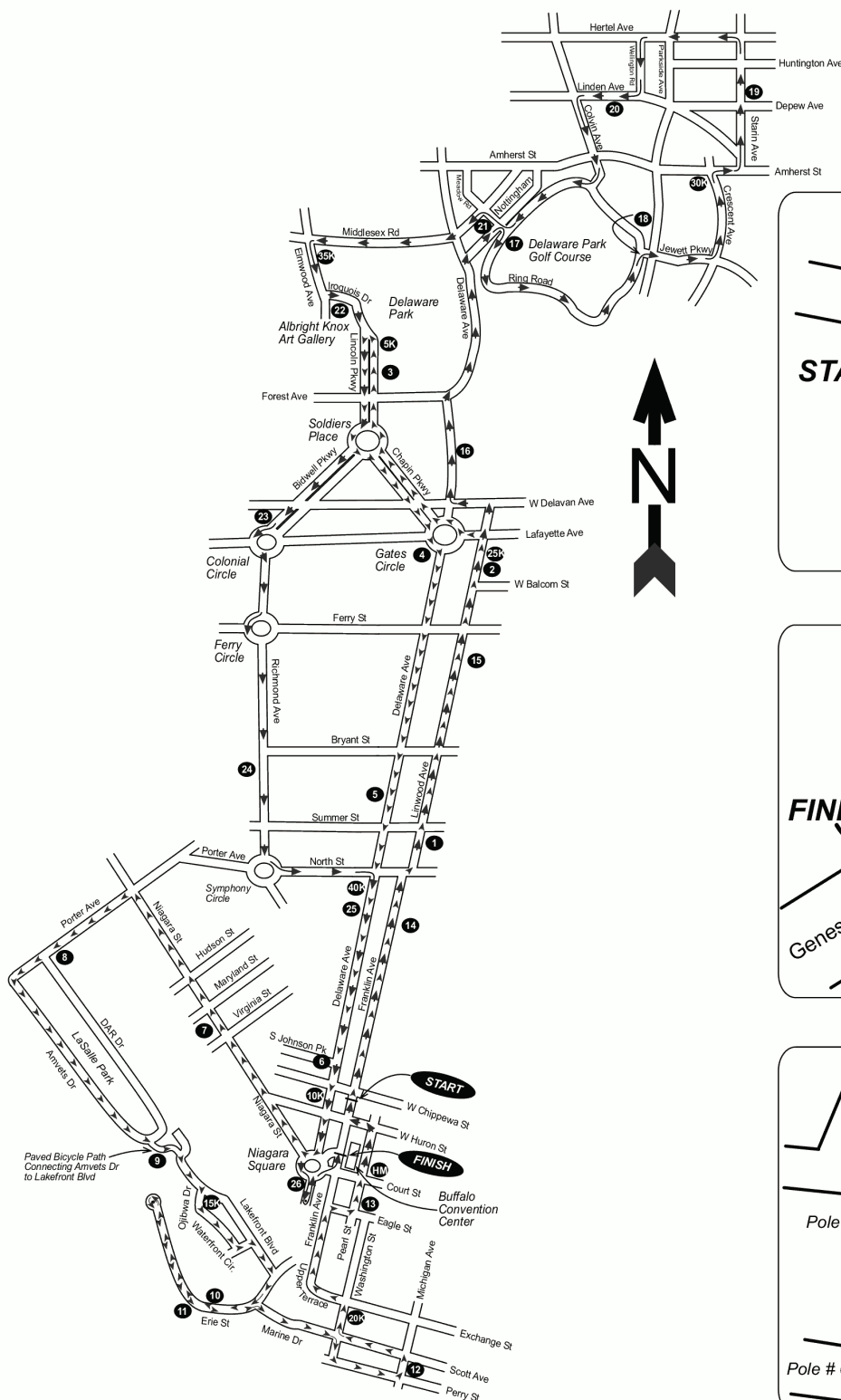
Pole # 72

42'

33'

Pole # 64

Turn-Around Cone





*Road Running Technical Council
USA Track & Field
Measurement Certificate*



Name of the course Buffalo Marathon 2014 Distance 42.195 km
Location (state) NY (city) Buffalo
Type of course: road race ☒ calibration course ☐ track ☐
Measuring methods: bicycle ☒ steel tape ☐ electronic distance meter ☐
Measured by (name, address, phone & e-mail) Jeff John, Box 608, Amherst NY 14226; (716) 982-4779
Jeff@BuffaloRunners.com
Race contact (name, address, phone & e-mail) Tom Donnelly, 303 Norwalk Ave, Buffalo NY 14216
(716) 874-4301; runfasttom@aim.com
Date(s) when course measured: May 11, 2014
Number of measurements of entire course: 2 Course Configuration: Complex of Loops
Elevation (meters above sea level) Start 187 Finish 185 Highest 203 Lowest 173
Straight line distance between start & finish 347 m Drop 0.05 m/km Separation 0.8 %
Type of surface: paved 100 % dirt - % gravel - % grass - % track - %
Effective date of certification: May 18, 2014 Certification code: NY14002JJ

Notice to Race Director: Use this Certification Code
in **all** public announcements relating to your race.

Be It Officially Noted That

Based on examination of data provided by the above named measurer, the course described above and in the map attached is hereby certified as reasonably accurate in measurement according to the standards adopted by the Road Running Technical Council. If **any** changes are made to the course, this certification becomes void, and the course must then be recertified.

Verification of Course — In the event a National Open Record is set on this course, or at the discretion of USA Track & Field, a verification remeasurement may be required to be performed by a member of the Road Running Technical Council. If such a remeasurement shows the course to be short, then all pending records will be rejected and the course certification will be cancelled.

This certification expires on December 31 in the year **2024**

AS NATIONALLY CERTIFIED BY:

Jeffrey John

Date: May 18, 2014

Jeff John – USATF/RRTC Certifier

Box 608, Amherst NY 14226 | (716) 982-4779 | Jeff@BuffaloRunners.com

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Mile and Kilometer Splits

Split	Location
13 Mile	Pearl St, 5' past Pole # 196 which is right after the Eagle St intersection
Half mara	Pearl St, 82' past the intersection with Court St
14 Mile	466 Franklin, 54' past Pole # 459, between Virginia St and Allen St
15 Mile	368 Linwood Ave, 52' past Pole # 360, between Utica St and W Ferry St
25 Km	On Linwood Ave 46' past Pole # 634, between W Ferry St and W Balcom Ave
16 Mile	On Delaware Ave at steel grate across from southmost edge of intersect with Inwood Pl
17 Mile	Delaware Park's Ring Road 14' past intersect with Meadow Rd
18 Mile	Mid curve of intersection of Ring Road to Jewett Pkwy
30 Km	Mid curve of intersection of Crescent Ave with Amherst St
19 Mile	Starin Ave, 44' past interesection with Depew Ave
20 Mile	326/330 Linden Ave, 24' before Pole # 329, between Norwalk Ave and North Park Ave
21 Mile	62 Middlesex RD, 28' before Pole #64, just past the intersect with Meadow Rd
35 Km	Elmwood Ave, 56' past Pole # 1465, just past Middlesex Ave
22 Mile	On Iroquios Dr, 32' before Pole # 1329, just past Elmwood Ave
23 Mile	Near 48 Bidwell Pkwy, 24' before Pole # 40, and just past W Delavan Ave
24 Mile	205 Richmond Ave, 49' before Pole # 169, between Connectcut St and 17th St.
40 Km	On Delaware Ave, 64' past Pole # 638 (at Roosevelt Inaugural Memorial) just south of North St
25 Mile	560 Delaware Ave, 40' north of Allen St.
26 Mile	On Delaware Ave south of Niagara Square, 10' past Pole # 88
Turn-Around	On Delaware Ave between Niagara Square and W Eagle St, and exactly in the center of the road, and 33' north of Pole # 64 and 42' south of Pole # 72.
Marathon	On Franklin St at the Buffalo Convention Center, 153 Franklin St, and mid-island of Genesee St intersect and exactly 26' 2" south of the center of manhole cover "Bell" (the closest of 2 such covers), and 29' 9" before center doors Of the Buffalo Convention Center

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Mile and Kilometer Splits

Split	Location
START	On Franklin St exactly 136' south of W Chippewa St, and at the north edge of the multi-level brick public parking building (Augsburger Ramp) at 223 Franklin Ave.
1 Miles	Near 69 Linwood Ave and 21' north of Pole # 70 (between Summer St and North St)
2 Miles	Linwood Ave exactly at Pole # 580 (between Lafayette Ave and W Balcom St)
3 Miles	Lincoln Pkwy, 39' south of Pole # 108, between Rumsey Rd and Forest Ave
5K	Lincoln Pkwy (main road) 95' south of Pole # 126, at red hydrant, and 115' south of north tip of island between Lincoln Pkwy and its service road
4 Miles	Delaware Avenue in Gates Circle, 43' north of Pole # 5, and right at electric transformer box # 11R
5 Miles	800 Delaware Ave (CTG), 39' south of Pole # 808, between Summer St and Bryant St
6 Miles	On Delaware Ave, mid-intersection with S. Johnson Pk
10K	On Delaware Ave 35' south of Pole # 164 and near 160 Delaware Ave
7 Miles	Niagara St, 48' south of Pole # 381, near 369 Niagara St, and between Maryland St and Virginia St
8 Miles	Porter Ave 16' w of Pole # 39 and 188' east of DAR Dr.
9 Miles	On Bike Path between Lakefront Blvd And Amvets Dr, and 140' s of Amvets Dr and exactly at sign "DANGER UNDERTOW"
15K	On Ojibwa Dr 18' east of Pole # 21 (sw of lakefront Blvd)
10 Miles	On Erie St 62' east of Pole # 273, west of Templeton Terr.
11 Miles	On Erie St in the Erie Basin Marina, north of The Hatch restaurant, and 39' north of Pole 10
12 Miles	Michigan Ave between Scott St and Perry St, 59' before (s of) Pole # 144 and 65' north of Perry St
20K	On Washington St at north edge of rear Driveway of the "Courtyard Marriott" and south edge of bridge, north of the I-190 South On Ramp, south of Exchange St