

Reston Century Bike Ride 2013

Mission: Provide continuous radio communications for the Reston Bicycle Club on Sunday, August 25, 2013.

Reference: Maps and Cue Sheets Published by Reston Bike Club are attached below.

Hours of operations:

Net Control: 06:00 to 18:00 (or until event officially over)

Rest stops:

Reston Town Center: 06:30 to 17:30

Ashburn (mile 10 and 93): 07:00 to 16:30

Hamilton (mile 31): 07:30 to 13:00

Round Hill (mile 45): 08:30 to 14:00

Lovettsville (mile 63): 08:30 to 14:30

Old Mill (mile 80): 09:00 to 15:30

There will be a bike mechanic/shop at each rest stop.

Procedures:

NOTE: THIS IS A RAIN OR SHINE EVENT. THERE IS A 100% CHANCE THAT THE EVENT WILL TAKE PLACE AND 50% CHANCE OF RAIN WITH WIDELY SCATTERED THUNDER SHOWERS. NCS WILL RUN 100% OF THE TIME ON ALL BANDS IN ANY WEATHER INCLUDING A THUNDERSTORM.

Communications will take place on a directed voice net. All communication will be on the primary frequency unless directed by net control to secondary frequencies for the handling of traffic. The net control will be located at the home of John Westerman (W5ODJ). Net control will use the call sign of K4LRG.

The net primary frequency will be simplex 147.480 MHz, no tones.

A cross band repeater in Reston provided by Rick Miller (AI1V) will utilize 445.925 MHz using sub-audible tone of 100 Hz for the uplink in Reston to the simplex 147.480 net frequency. The sub-audible tone is used to reduce interference that is experienced in the Reston Town Center.

Secondary Frequency - The WA4TXE/R Repeater in Leesburg, VA which operates on 146.700 MHz with negative 600 kHz offset and with NO PL tone. Thanks to Dave for the use of his repeater for this event should that be necessary.

Tertiary Frequency - The Dulles Amateur Radio Group's W4DLS/R Repeater at 145.310 MHz with negative 600 kHz offset and with a PL of 77 Hz. This repeater

Reston Century Bike Ride 2013

is located in eastern Loudoun County at the intersection of US Route 28 and the Dulles Toll Road. We all thank the Dulles Amateur Radio Group.

If needed, we also have available the 442.1 (no PL) repeater available to us. If necessary to use, you will be directed by Net Control to deviate to that frequency/repeater.

Utilization of the ARPS system will provide SAG vehicle location information at Net control, Hamilton and Reston Town center. The APRS systems will use 144.390 MHz for its operations and will be set up on the Friday before the event.

Contacting Net Control via the Public Phone Network:

The primary phone number for the event to get to net control via the public telephone network is: (571) 207-9922.

This phone number will go into a software defined PBX and the caller will be given an announcement and put in to a queue for call handling.

There will be 2-3 phones with multiple line instances at net control.

This phone number has been printed on all the arm bands and documentation give to each rider.

Use this number if all your other communications to net control have failed.

NOTE: IN AN EMERGENCY WHERE SOMEONE IS CRITICALLY INJURED OR THEIR LIFE OR THE LIFE OF OTHERS IS THREATENED PLEASE CALL 911 FIRST THEN CONVEY THIS INFORMATION TO NET CONTROL. IF SOMEONE CALLS NET CONTROL WITH A LIFE THREATENING EMERGENCY 911 WILL BE CALLED IMMEDIATELY AND WE WILL COORDINATE EMERGENCY SERVICE THE BEST WE CAN FROM NET CONTROL TO THE SCENE IN QUESTION.

ALL OPERATORS:

Be sure that you can be self sufficient for food and water. I hope that you will be able to receive water at the rest stops and snacks but it is better to be prepared to take care of your needs independently. SAG riders especially need to take food and water with them. SAG riders will be able to take care of rest stop needs when they arrive back at the rest stop after covering their route.

Schedule:

Site installations at rest stops should start with 30 minutes earlier than the times given above. When you arrive at your station and are getting set up give

Reston Century Bike Ride 2013

network control a call to let them know you are there. Station captains will decide on exact time for setting up their stations at the rest stops which could be earlier than the times given here. Riders will be leaving the town center at 6:30 am. Between 06:00 and 07:00 we will be testing with the various stations providing signal reports and other information. Full net operations will commence at 06:30 in support of the ride. All stations should note during the test period what stations they can receive and provide a report to net control when asked.

NOTE TO SAG RIDERS: See specific information below on when/where to meet your driver.

Net control will establish the net at 06:00 and will begin station check in and testing when they come online. All sites, SAG riders and stations should remain operational until told to secure by net control. It is estimated this time will be before 17:00. In the years 2011 and 2012 it was closer to 16:00.

LOGS:

Each station leader indicated below will keep two logs: One for the operations and one for contacts of anyone interested in what we are doing and how we can reach out to them after the event.

LARG Member Participation: See spreadsheet below for all of the details for participation in the network control, each station and each SAG.

This document is a work in progress and we put all the details together. Information comes at me daily and as a result these documents will change. Keep an eye out for the changes. New documents will be published with the date of the change so you can always tell if you have the latest document compared to what you have already received.

If you have any questions don't hesitate to contact me. E-mail is phone, but if you need a quick answer please call my phone number given here.

Shirt	Duty	Name	Call	Phone Number	Time	Notes - Request	email	notes
XL	Net Control	John Westerman	W5ODJ	703-431-9148	All Day	Net Control; Operations	john@packetwhisper.com	
XL	Net Control	Ken Sullivan	KJ4GYL	703-318-8434	All Day	Net Control; Operations	geeper88@aol.com	
L	Net Control	Bill Buchholz	K8SYH	703-430-9136	All Day	Net Control; Operations - or - Rest Stop	wgbk8syh@yahoo.com	
XXL	Setup Net Control	Dave Putman	KE4S	571-271-5710 cell	Setup	APRS Setup only	KE4S@verizon.net	
XL	Station	Rick Miller	AI1V	703-787-9787	All Day	RESTON	ai1v@arrl.net	NOTE: X-Band Repeater setup
XXL	Station	Jay Greeley	KI4UTB	703-473-8015	All Day	RESTON	jay.greeley@rvainc.com	
XL	Station	Luther Guise	K5NOB	7940-452-5304 cell	All Day	ASHBURN	k5nob@yahoo.com	
M	Station	Gary Quinn	NC4S	703-346-5675	All Day	ASHBURN	NC4S@loudounwireless.com	
M	Station	John Unger	W4AU	540-338-4620	All Day	HAMILTON	W4AU@arrl.net	
L	Station	Norm Styer	AI2C	571-201-6322	9am to 11am	HAMILTON	AI2C@earthlink.net	
XL	Station	Paul Dluhosh	N4PD	703-771-9284	All Day	HAMILTON	N4PD@arrl.net	
XL qty 2	Station	Dave Bolston	WA4TXE	202-497-5018 cell	All Day	LOVETTSVILLE	DAVE.R.BOLTSON@CBP.DHS.GOV	
XL	Station	Jay Ives	KI4TXP	703-850-2821	All Day	LOVETTSVILLE	ki4txp@gmail.com	
L	Station	Dave Wendland	KE4OKY	703-406-6130	All Day	ROUND HILL	yad@cuisp.com	
2x/3x	Station	Abe Drier	AB4CW		All Day	ROUND HILL	adrier@gmail.com	
	Station	Charles Preston		540-338-4152	All Day	OLD MILL	k4ljh@comcast.net	
2XL	Station	Gregory Drew	N3MXX		All Day	OLD MILL	gdrew@drewfamily.net	Has spare APRS
	SAG SHARK1	Doug Coulter	K4AIU	703-930-6835	All Day	SAG	k4aiu@arrl.net	Hamilton, Purcellville, Round Hill, Lovettsville loop
XL	Station	Mary Moon	KK4GOW		All Day	Unassigned	m-moon@att.net	
RBC SAG	SHARK1	Ed DiMonda		703-850-0385			edward.c.dimonda@salliemae.com	Hamilton, Purcellville, Round Hill, Lovettsville loop
XL	SAG SHARK2	Mary Moon	KK4GOW	703-626-9489	All Day	SAG	M-moon@att.net	Ashburn loop
RBC SAG	SHARK2	Mark Czifra		703-309-8695		RBC Member	mczifra1@aol.com	Ashburn loop
RBC SAG	SHARK2	Paul White		703-431-6282		RBC Member	paul_white@cox.net	Ashburn loop
L	SAG SHARK3	Kurt Reber	KI4FWB	540-705-7827	All Day	SAG OUT OF LOVETTSVILL	kurt_20120@yahoo.com	Hamilton, Purcellville, Round Hill, Lovettsville loop
RBC SAG	SHARK3	Vince Quinn		703-357-7296		RBC Member		Hamilton, Purcellville, Round Hill, Lovettsville loop
	SAG SHARK4	Gene Harrison	N3EV	703-777-6111	All Day	SAG or STATION	bats@starpower.net	Hamilton, Purcellville, Round Hill, Lovettsville loop
RBC SAG	SHARK4	Bob Rodriguez		571-238-3765		RBC Member	rdrodrigue@hotmail.com	Hamilton, Purcellville, Round Hill, Lovettsville loop
2XL	SAG SHARK5	Chris Patton	W3CUM	202-445-1575	All Day	SAG	c.patton@arrl.net	Hamilton, Purcellville, Round Hill, Lovettsville loop
RBC SAG	SHARK5	Mike Mintz		202-268-5204		RBC Member	flatpikn@me.com	Hamilton, Purcellville, Round Hill, Lovettsville loop
LG	SAG SHARK6	Mark Webber	W4MRW	571-214-8055 cell	All Day	SAG: OWN VEHICLE	webberm@gmail.com	Hamilton, Purcellville, Round Hill, Lovettsville loop
RBC SAG	SHARK6	Don Graling		703-628-2955		RBC Member	dgraling@cisco.com	Hamilton, Purcellville, Round Hill, Lovettsville loop
M	SAG BIKE	Steve Greene	KS1G	703-980-7391	All Day	Ride Long Route NOTE: I may have my Suzuk	ks1g04@gmail.com	Has spare APRS

NEW DOMINION PARKWAY

NEW DOMINION PARKWAY

EXPLORER
PARKING
GARAGE

FREEDOM
PARKING GARAGE

FOUNTAIN
PARKING GARAGE

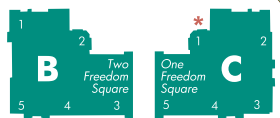
FOUNTAIN DRIVE

NORTHEAST
SURFACE
PARKING LOT

FREEDOM DRIVE

FREEDOM DRIVE

Presidents Park



MARKET STREET

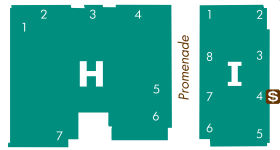
MARKET STREET

Reston Town
Square Park

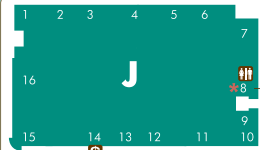
G



EXPLORER STREET



LIBRARY STREET



Reston Town
Center
Pavilion

TOWN SQUARE

H

Promenade

I

J

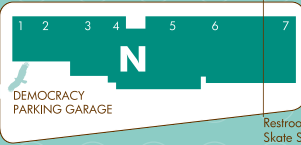
Residential & Retail
Development

L

BLUEMONT WAY

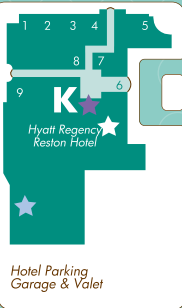


PROMENADE
PARKING GARAGE



DEMOCRACY
PARKING GARAGE

DEMOCRACY DRIVE



Hotel Parking
Garage & Valet

PRESIDENTS STREET

Hyatt Park

RESTON PARKWAY

▼ PUBLIC TRANSIT STATION

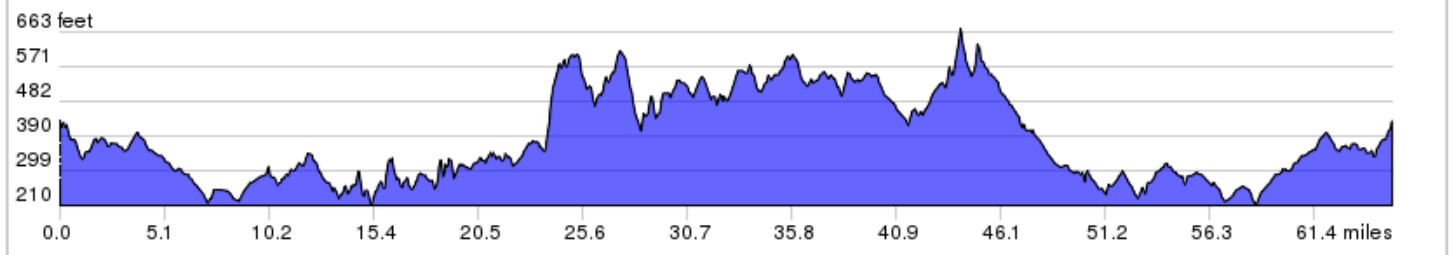
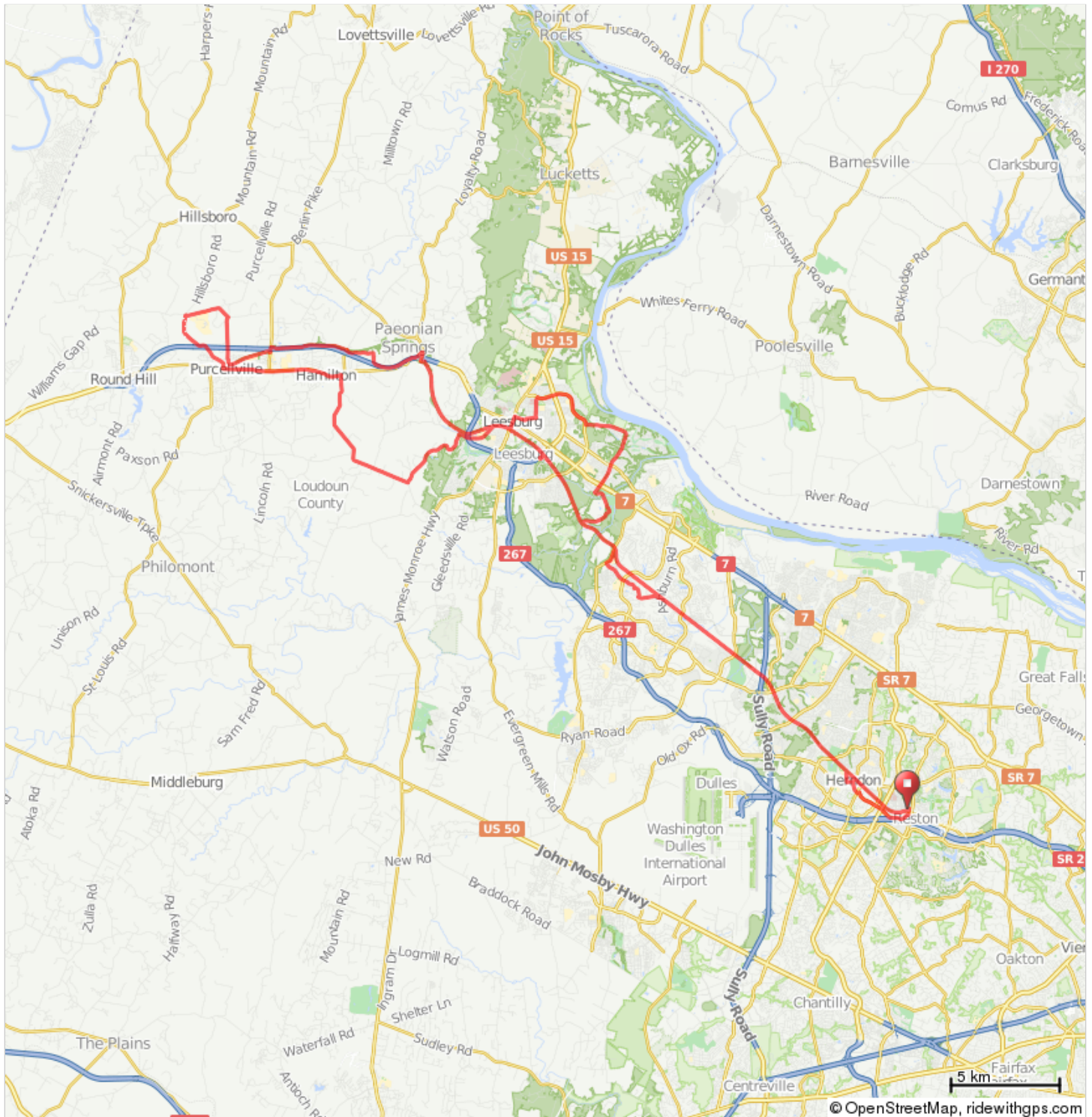
Restrooms
 Skate Shop (seasonal)
 * Gift Card Kiosk Vending Machine (24 hours daily)
 Security 703.709.9131



RBC 2013 Metric Century

Distance: 65.3 mi
Elevation: + 3631 / - 3631 ft

Follow **BLUE** arrows
Mechanics available at Rest Stops
Obey all traffic signals, signs & rules of the road



© OpenStreetMap, ridewithgps.com

0.0	0.0	Start of route
0.0	0.0	Start Route straight onto Democracy Dr & across bridge
0.2	0.2	R - Sunset Hills Rd
1.7	1.9	L - Van Buren St
0.1	2.0	R - Spring St
0.4	2.3	L - Locust St
0.2	2.5	R - Grace St
0.3	2.8	L - W&OD Trail
7.3	10.1	Ashburn Rest Stop on R Open 7:00 to 4:30
0.0	10.1	L - Ashburn Rd
0.0	10.1	R - VA 642/Hay Rd
0.6	10.8	R - Coppersmith Dr
0.3	11.1	R - Breezyhill Dr
0.4	11.5	Straight across Claiborne Pkwy to Portsmouth Blvd
0.7	12.2	R - VA-659 N/Belmont Ridge Rd
0.5	12.7	L - W&OD Trail
1.2	13.9	R - VA 653/Cochran Mill Rd
0.9	14.8	L to stay on VA_653/Cochran Mill Rd

14.8 miles. +569/-755 feet

0.5	15.3	L - Becomes Russell Branch Pkwy
0.2	15.6	R - Crosstrail Blvd
0.3	15.8	Cross Rt 7 Becomes River Creek Pkwy
1.7	17.5	Straight becomes Edwards Ferry Rd
1.1	18.6	R - Battlefield Pkwy NE
1.9	20.6	L onto Catoctin Cir NE
0.4	21.0	At the traffic circle, continue straight to stay on Catoctin Cir NE
0.2	21.1	At the traffic circle, 1st exit onto North St NE
0.3	21.4	L - to stay on North St NE
0.4	21.8	L - N King St
0.4	22.2	R- W&OD Trail
0.5	22.7	L - Dry Mill Rd
1.1	23.8	L - VA 769/Woodburn Rd
2.3	26.1	R - VA 704/Harmony Church Rd
4.3	30.4	L - VA-7 BUS W
0.6	31.0	L - Hamilton Park Rest Stop Open_7:30 to 1:00 Leave L on VA Bus
1.4	32.4	At the traffic circle, continue straight onto E Main St

17.6 miles. +1284/-1018 feet

1.3	33.8	R - N 23rd St
0.1	33.9	L - N 21st St
0.6	34.5	Becomes Hillsboro Rd
1.4	35.9	At the traffic circle, 1st exit onto VA 711/Allder School Rd
1.3	37.2	R - VA 611/Purcellville Rd
1.4	38.6	L - W&OD Trail
3.5	42.1	R - VA 704/Hamilton Station Rd
0.0	42.1	L - VA 706 / Irene Rd Old_Mill Rest Stop on L Open 9:00 to 3:30
0.8	42.9	R - VA 800/Meadowlark Dr
1.4	44.3	R - Simpson Cir
0.4	44.7	R - W&OD Trail
11.0	55.7	Ashburn Rest Stop on L Open 7:00 to 4:30
9.3	65.0	L - use Old W&OD Trail to Reston Town Center
0.2	65.2	R onto Bluemont Way
0.0	65.2	L - Democracy Dr to End
0.0	65.3	End of route

32.8 miles. +1382/-1523 feet

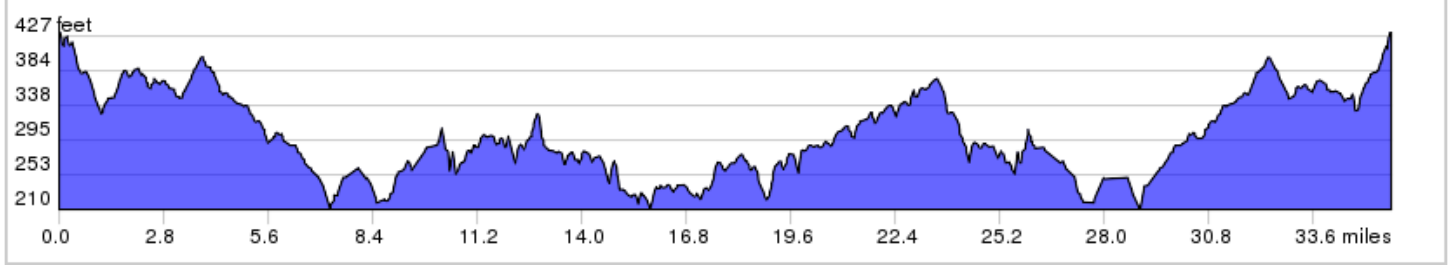
Follow **BLUE** arrows
 Mechanics available at Rest Stops
 Obey all traffic signals, signs & rules of the road

Help: 571-207-9922 Emergency: 911

RBC 2013 Half Metric

Distance: 35.7 mi
Elevation: + 1458 / - 1458 ft
Good For: cycling

Follow **RED** arrows
Mechanics available at Rest Stops
Obey all traffic signals, signs & rules of the road



RBC 2013 Half Metric

0.0	0.0	Start of route
0.0	0.0	Start of route straight across brige
0.2	0.2	R - Sunset Hills Rd
0.9	1.1	Straight - Spring St
0.8	1.9	L - Van Buren St
0.1	2.0	R - Spring St
0.4	2.4	L - Locust St
0.2	2.5	R - Grace St
0.1	2.7	Straight - Cross Elden St
0.2	2.9	L - W&OD Trail
7.3	10.1	Ashburn Rest Stop Open 7:00 to 4:30
0.0	10.1	L - VA 641/Ashburn Rd
0.0	10.2	R - VA 642/Hay Rd
0.6	10.8	R - Coppersmith Dr
0.3	11.1	R - Breezyhill Dr
0.4	11.5	R - Claiborne Pkwy
1.1	12.6	R - Gloucester Pkwy
0.3	13.0	L - VA 641/Ashburn Rd

13.0 miles. +471/-608 feet

0.4	13.4	R - Louisa Dr
0.3	13.7	L - Ashburn Village Blvd
0.3	14.0	R - Russell Branch Pkwy
1.6	15.6	R - Exchange St
0.4	16.0	R - Marblehead Dr
1.0	17.0	R - Gloucester Pkwy
1.0	18.1	L - Ashburn Village Blvd
3.4	21.4	R - Wynridge Dr
0.6	22.0	R - Claiborne Pkwy
2.9	24.9	R - VA 642/Hay Rd
1.1	26.0	L - VA 641/Ashburn Rd
0.0	26.0	R - W&OD Trail Ashburn_Rest_Stop Open 7:00 to 4:30
9.3	35.3	L - use Old W&OD Trail to Reston Town Center
0.3	35.6	L - Democracy Dr Straight to End
0.1	35.7	End of route

22.7 miles. +882/-729 feet

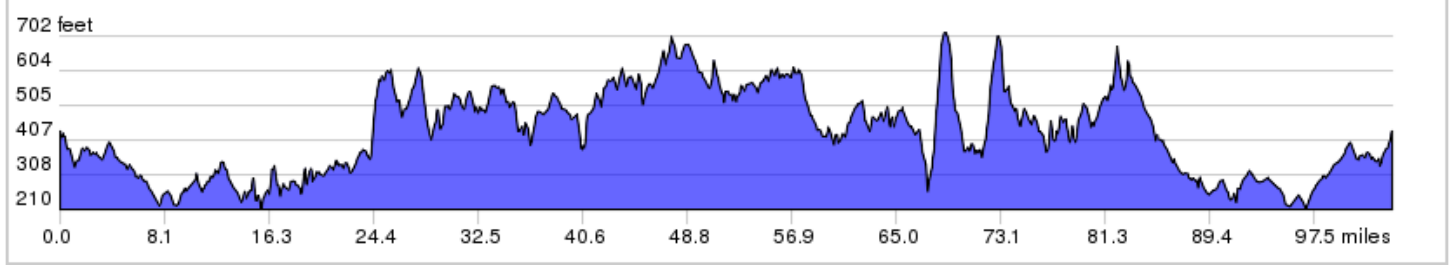
Follow **RED** arrows
 Mechanics available at Rest Stops
 Obey all traffic signals, signs & rules of the road

Help: 571-207-9922 Emergency: 911

RBC 2013 Century 103 Miles

Distance: 103.6 mi
Elevation: + 6708 / - 6708 ft
Good For: cycling

Follow **YELLOW** arrows
Mechanics available at Rest Stops
Obey all traffic signals, signs & rules of the road



0.0	0.0	Start of route
0.0	0.0	Start of Route Straight_across bridge
0.2	0.2	R - Sunset Hills Rd
0.9	1.1	Straight - Spring St
0.8	1.9	L - Van Buren St
0.1	2.0	R - Spring St/State Rt 675
0.4	2.4	L - Locust St
0.2	2.5	R - Grace St
0.1	2.7	Straight - Cross Elden St
0.4	3.1	L - W&OD TR
7.4	10.5	Ashburn Rest Stop Open_7:00 to 4:30
0.0	10.5	L - State Rt 641/Ashburn Rd
0.0	10.5	R - State Rt 642/Hay Rd
0.6	11.2	R - Coppersmith Dr
0.3	11.5	R - Breezyhill Dr
0.4	11.9	Straight across Claiborne Pkwy to Portsmouth Blvd
0.7	12.6	R - VA-659/Belmont Ridge
0.5	13.1	L - W&OD Trail
1.2	14.3	R - VA 653/Cochran Mill Rd

14.3 miles. +494/-680 feet

1.4	15.7	L - Becomes Russell Branch Pkwy
0.2	16.0	R - Crosstrail Blvd
0.3	16.2	Cross Rt 7 to River Creek Pkwy
1.7	17.9	Straight Becomes Edwards Ferry Rd
1.2	19.0	R - Battlefield Pkwy NE
1.4	20.5	Cross Rt 15
0.5	21.0	L - Catoctin Cir NE
0.4	21.4	At the traffic circle, continue straight to stay on Catoctin Cir NE
0.2	21.5	At the traffic circle, take 1st exit onto North St NE
0.3	21.8	L - to stay on North St NE
0.4	22.2	L - N King St
0.4	22.6	R - W&OD Trail
0.5	23.1	L - Dry Mill Rd
1.1	24.2	L - Woodburn Rd
2.3	26.5	R - VA 704/Harmony Church Rd
4.3	30.8	L - VA-7 BUS W
0.6	31.4	L - Hamilton Park Rest Stop Open_7:30 to 1:00 Leave L on VA Bus 7
2.7	34.1	L - Nursery

19.8 miles. +1380/-1053 feet

0.6	34.7	L - 32nd St
0.1	34.8	Straight - becomes VA_690/Silcott Springs Rd
5.0	39.8	R - VA 734/Snickersville Turnpike
2.3	42.1	R - VA 719/Airmont Rd
3.5	45.6	Cross Loudoun ST to be on Main St
0.0	45.6	L - Round Hill Fire Rest Stop Open 8:30 to 2:00
0.0	45.7	L - Main St
0.5	46.1	Becomes Woodgrove Rd
4.3	50.4	R - VA 719/Stony Point Rd
1.3	51.7	R - Charles Town Pike/ Rt 9
0.6	52.3	L - VA 690/Mountain Rd
3.3	55.6	L - to stay on VA_690/Mountain Rd
3.8	59.4	Continue straight onto VA 673/Irish Corner Rd
2.4	61.8	R - and proceed around square
0.2	62.0	R - E Broad Way
0.4	62.4	L - Lovettsville Rest Stop Open 8:30 to 2:30 Leave L
0.1	62.5	L - Lovettsville Rd

28.4 miles. +1729/-1728 feet

3.1	65.5	R - VA 668/Taylorstown Rd
5.3	70.8	L - VA 663/Newvalley Church Rd
0.6	71.4	R - VA 662/Stumptown Rd
3.0	74.4	L - VA 665/Loyalty Rd
2.2	76.6	Straight becomes VA_662/Clarke's Gap Rd
0.3	76.9	R - VA 704/Hamilton Station Rd
3.4	80.2	L - VA 706 / Irene Rd Old_Mill Rest Stop on L Open 9:00 to 3:30
0.8	81.0	R - VA 800/Meadowlark Dr
1.4	82.4	R - Simpson Cir
0.4	82.8	R - W&OD Trail
11.2	94.0	Ashburn Rest Stop on L Open 7:00 to 4:30
9.3	103.3	L - use Old W&OD Trail to Reston Town Center
0.3	103.6	Straight to END
0.0	103.6	End of route

Follow **YELLOW** arrows
 Mechanics available at Rest Stops
 Obey all traffic signals, signs & rules of the road
 Help: 571-207-9922 Emergency: 911
 41.1 miles. +2428/-2489 feet