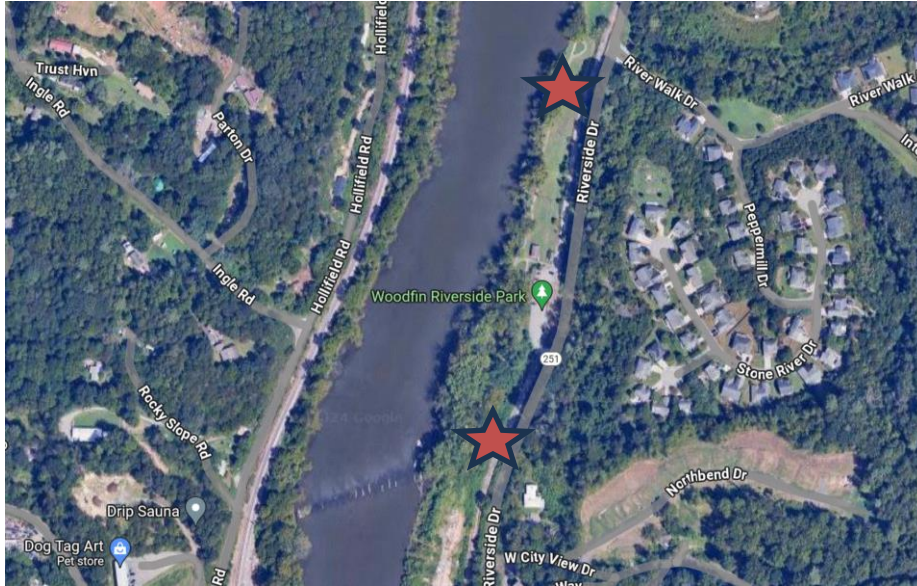


Woodfin – Riverside Park Pedestrian Count

Time Period: Wednesday June 19th, 2024, to Tuesday June 25th, 2024.

Location: Silver-Line Park, Riverside Drive, Woodfin.



(Image: Google Maps)

Equipment: EcoCounter Pyro Counter. Placed June 18, 2024, and retrieved June 26, 2024. RPO 1 on the North side of the park, near the French Broad River Academy trail, on a tree, along the river. Pedestrian Counter O2 was placed on the southern edge of the trail where it loops, on a tree, on the inside of the loop.

The Pyro Counter can count bicyclists, pedestrians, skateboarders, rollerbladers, or anyone who passes within approximately 16.5 feet of the equipment. However, the device is unable to differentiate between the different users and simply counts them as general users.

Possible sources of error include facility-users walking side-by-side or close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear the number of users who were likely to have been missed due to these circumstances and there has been no effort to make up for this discrepancy.

As with all these surveys, this is just a snapshot of time for activity in the study area. There can be differences in activity due to the time of year the survey is conducted. Weather can have an impact on the results of the survey. Efforts will be made to repeat the survey during different seasons and during the same time of the year during future months and years.

Results:

This is the first time that a survey has been performed here. This survey was done after a survey at Silver-Line Park. The long-term regional plan is to expand the greenway north from Silver-Line Park, along the French Broad River, to Riverside Park, and for Riverside Park to connect to the south with the French Broad River Greenway. (Image 1) (See [Woodfin Greenway-Blueway Plan](#).) Also see the [Buncombe County Greenway and Trails Plan](#) and the [City of Asheville Greenways Story Map](#).

Riverside Park (North)

Total Users	1,264
Users/Hour	7.5
Peak 24-Hour Usage	225
Peak Day	Thursday 6/20/2024
Peak 2-Hour Usage Period	120
Peak 2-Hour Date and Time	Thursday June 20, 2024 -- 9 Am to 11 AM

Riverside Park (South)

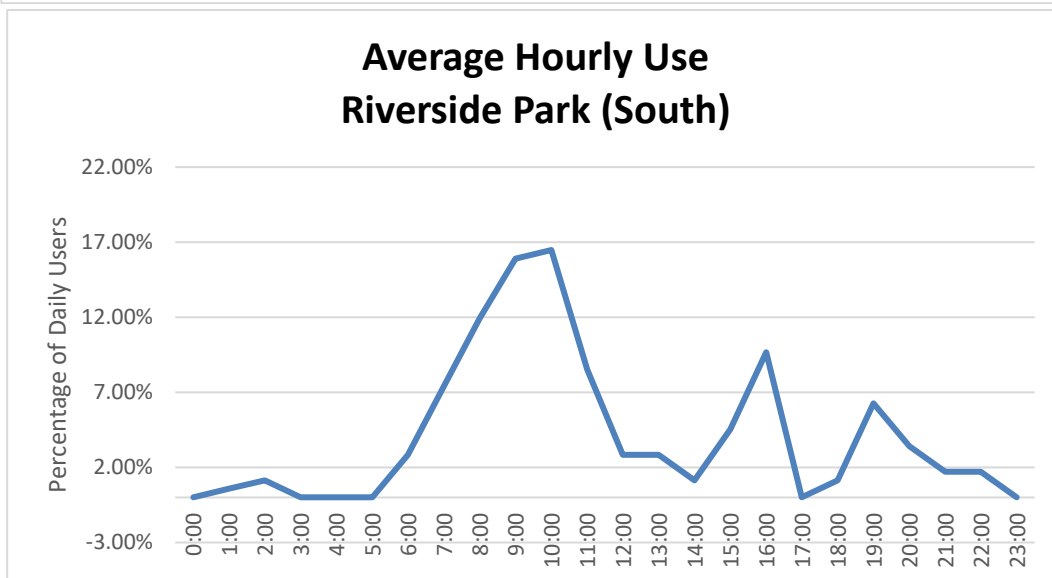
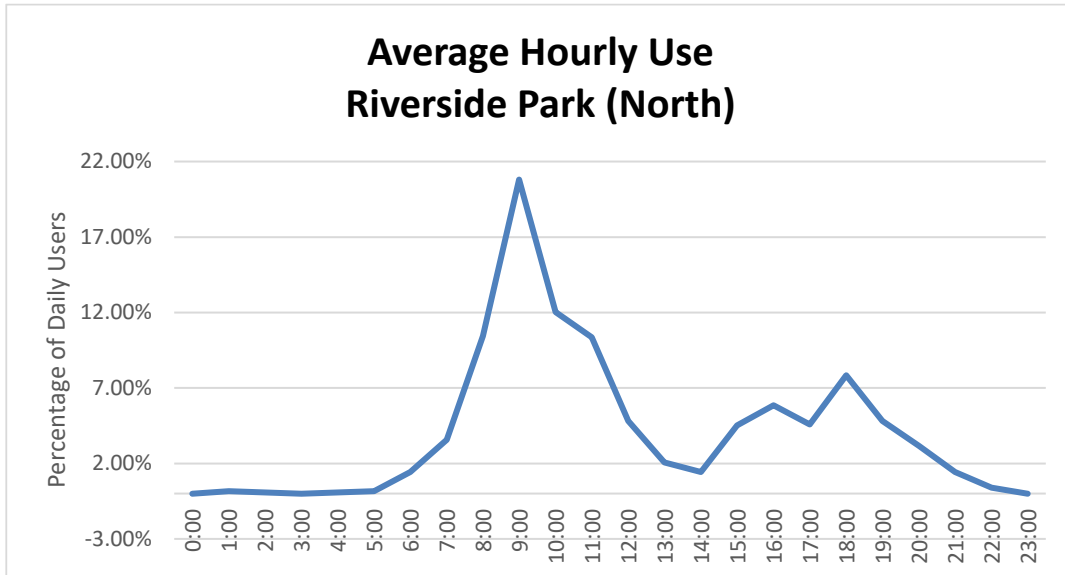
Total Users	176
Users/Hour	1.0
Peak 24-Hour Usage	40
Peak Day	Wednesday, June 19, 2024
Peak 2-Hour Usage Period	15
Peak 2-Hour Date and Time	Friday June 21, 2024 -- 8 AM to 10 AM

This location has multiple sites where a pedestrian counter could be placed: There is a desire line to the north that leads to the French Broad River Academy. There are parallel trails near the parking lot, one is located riverside while the other is located roadside. There are picnic tables in the middle of the park, immediately south of the parking lot. There are gazebos to the north of the parking lot. There is a desire line to the south of the current trail loop, south of the picnic tables.

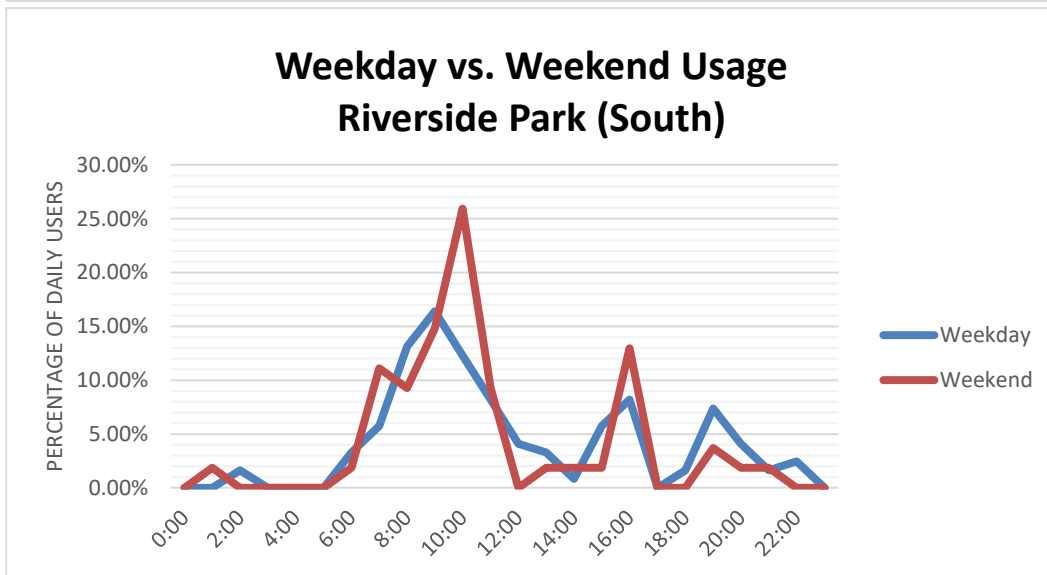
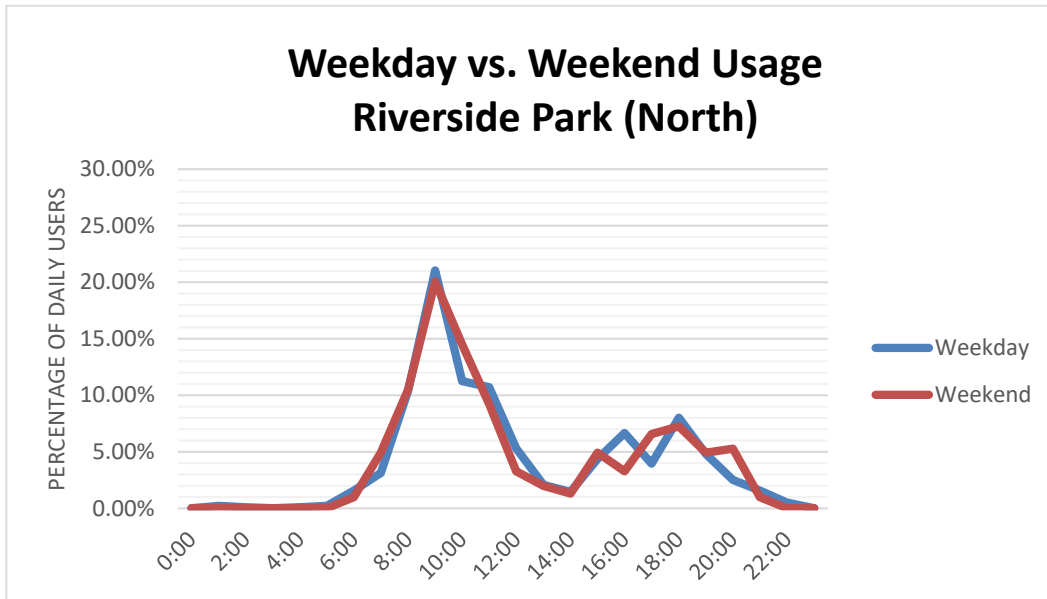
This was a hot, dry week for being Mid-June. The activity was primarily along the trail to the north. There are gazebos that attract people for celebrations. A birthday party was being organized on the day that the counters were placed. There are a large number of people who walk their dogs at this park. It was observed that they mostly were heading north on the trail both on the day the counters were placed and the day that they were retrieved.

Patterns of Use

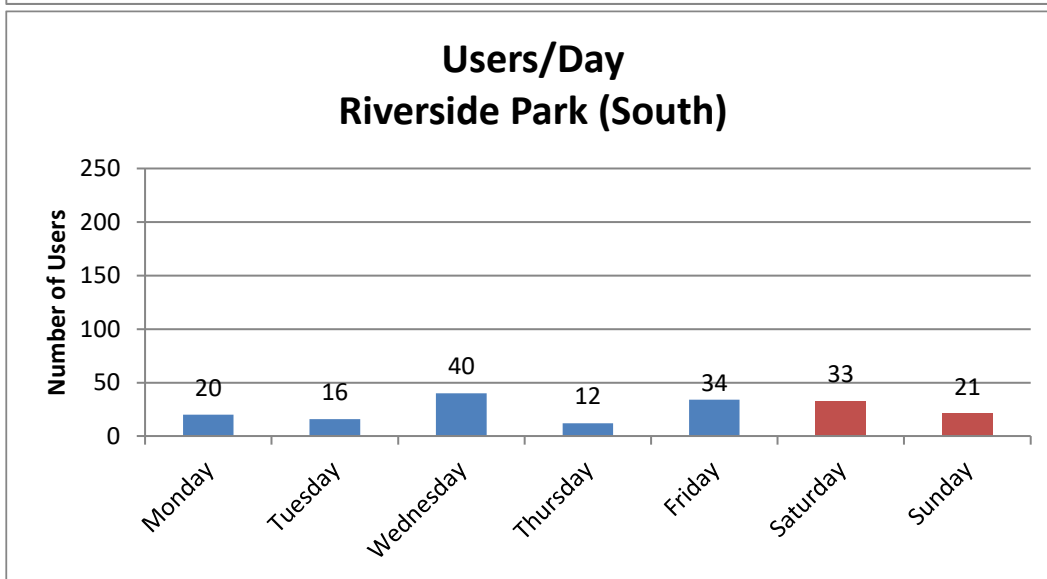
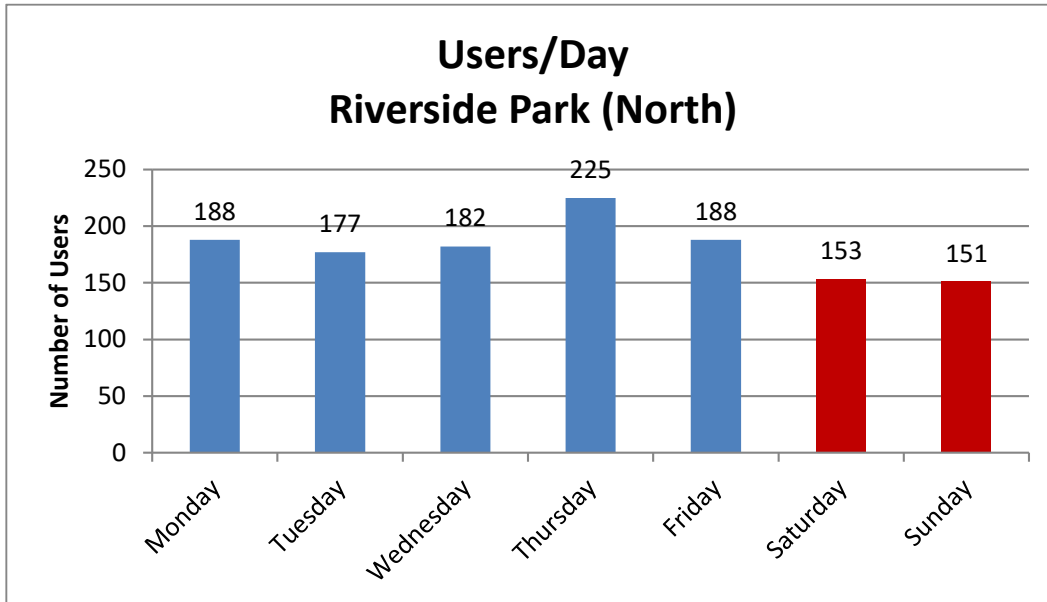
The following chart illustrates the average use of the trail at the location.



The second chart illustrates the different pattern of usage between the weekday and weekend. It makes sense that there is increased activity around 9 AM to 10 AM and a second surge around 4PM to 5 PM.



The third chart shows users/day. There is a glaring difference between those who head north from the parking lot to those heading south. There are “shelters” where people have been observed preparing for birthday parties. It was also observed that people walked their dogs to the north, walking past the “doggie dump” station. There could also be people walking from the north down to the same structures, accessing the park from the French Broad River Academy.



Notes:



Date	Minimum Temperature	Maximum Temperature	Average Temperature	Precipitation	Ave. Wind Speed
6/19/2024	64.8 °F	85.4 °F	72.9 °F	0.00 in	0.7 mph
6/20/2024	60.2 °F	88.6 °F	73.3 °F	0.00 in	0.4 mph
6/21/2024	61.5 °F	93.2 °F	74.3 °F	0.02 in	0.2 mph
6/22/2024	60.7 °F	97.0 °F	77.1 °F	0.00 in	0.3 mph
6/23/2024	67.3 °F	96.7 °F	79.4 °F	0.00 in	0.3 mph
6/24/2024	66.0 °F	93.2 °F	77.8 °F	0.00 in	0.6 mph
6/25/2024	57.6 °F	96.7 °F	75.7 °F	0.00 in	0.3 mph

<https://www.wunderground.com/dashboard/pws/KNCASHEV359>



Figure 2: Riverside Park, northern limit, leading to French Broad River Academy Property.



Figure 3: Riverside Park, southern limit, leading to planned southern expansion.



Figure 4: Riverside Park South Counter.



Figure 5: Riverside Park North Counter.