

Woodfin – Silver-Line Park Pedestrian Count

Time Period: Tuesday June 11th, 2024, to Monday June 17th, 2024.

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



(Image: Google Maps)

Equipment: EcoCounter Pyro Counter. Placed June 10, 2024, and retrieved June 18, 2024. RPO 2 Pedestrian Counter was placed on the northern edge of the trail, near the property line, on a telephone pole.

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 prior to a survey for Woodfin Riverside 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](#).

Total Users	652
Users/Hour	3.9
Peak 24-Hour Usage	129
Peak Day	Tuesday June 11, 2024
Peak 2-Hour Usage Period	52
Peak 2-Hour Date and Time	Wednesday, June 12, 2024 -- 2 Pm to 4 PM

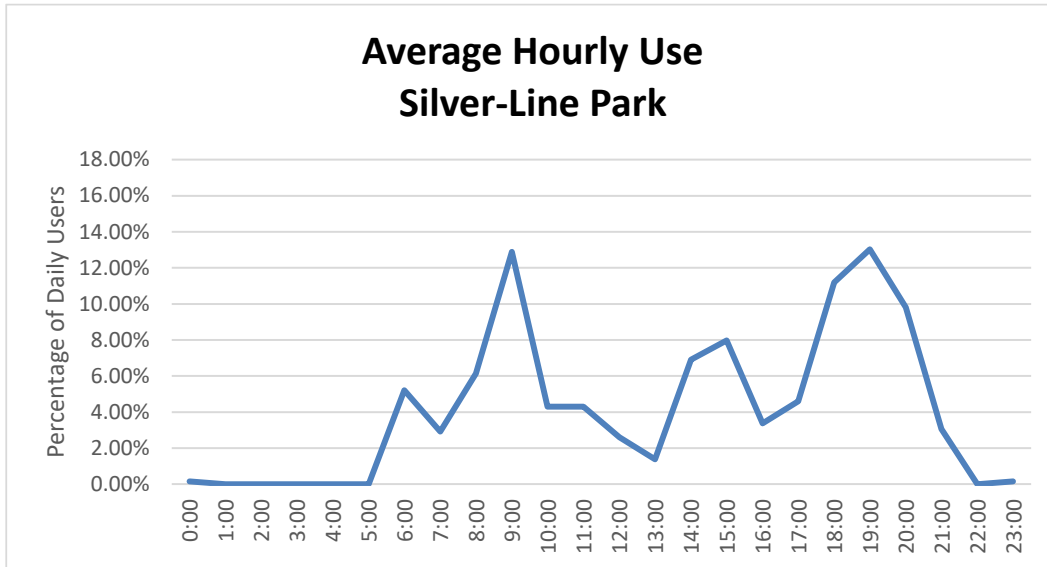
This location has multiple sites where a pedestrian counter could be placed: Near the wetlands, just east of the star, along the trail along the river, south of the main parking lot, Close to the Silver-Line Trolley Station, close to Riverside Drive, and south of the playground, closer to the river than the site chosen this time. If you were to walk from the sidewalk starting closest to Riverside Drive and walked to the asphalt trail, around the outer loop, walk towards the trolley station, and then follow the parking lot to the beginning of the sidewalk, the entire distance is approximately 1600 feet, or between a quarter mile and a third of a mile.

The high temperatures were unusually high for this time of year. The lowest high temperature at the Woodfin weather station was 86 degrees. High temperatures of 99F and 102F were recorded on Friday the 15th and Monday the 17th. Monday was the lowest day for activity.

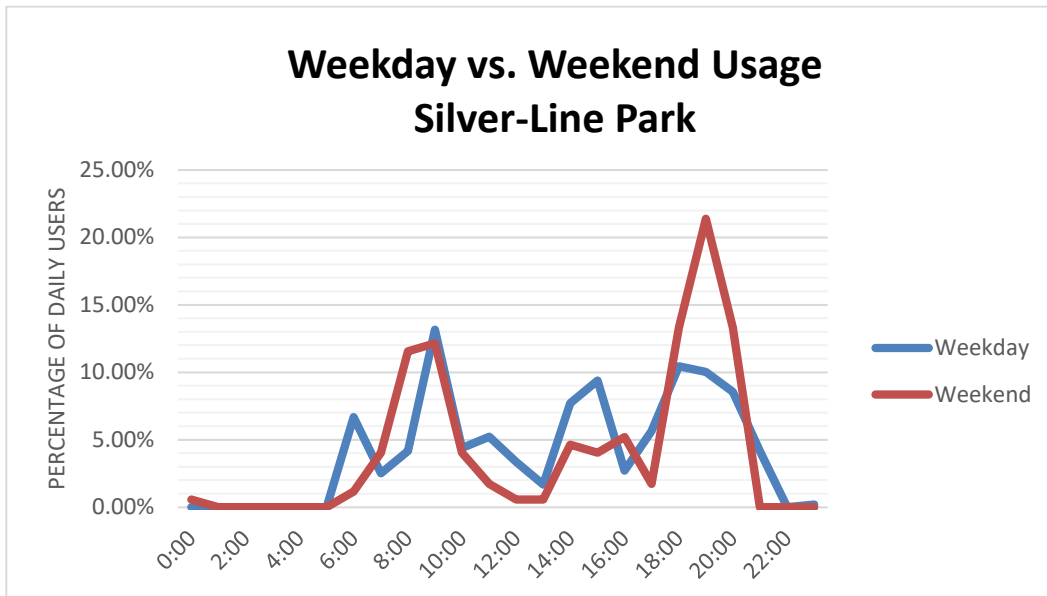
Peak activity was at 9 AM and 7 PM both during the week and on the weekend. The spike in activity at 7 PM on the weekends is notable.

Patterns of Use

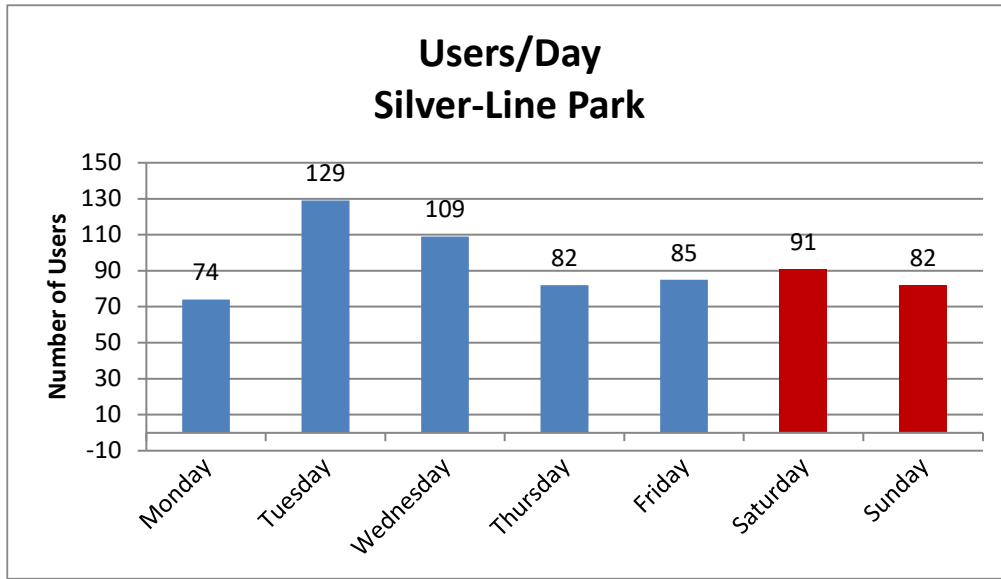
The following chart illustrates the average use of the trail at the location.



The second chart illustrates the different pattern of usage between the weekday and weekend.



The third chart shows users/day.



Notes:

Date	Minimum Temperature	Maximum Temperature	Average Temperature	Precipitation	Ave. Wind Speed
6/11/2024	51.9 °F	86.6 °F	67.5 °F	0.00 in	0.3 mph
6/12/2024	55.0 °F	89.0 °F	70.5 °F	0.00 in	0.4 mph
6/13/2024	63.5 °F	91.4 °F	74.9 °F	0.00 in	0.4 mph
6/14/2024	61.3 °F	93.6 °F	75.9 °F	0.00 in	0.4 mph
6/15/2024	64.1 °F	98.6 °F	77.6 °F	0.00 in	0.4 mph
6/16/2024	70.5 °F	88.6 °F	77.0 °F	0.00 in	0.8 mph
6/17/2024	69.4 °F	101.7 °F	78.1 °F	0.00 in	0.6 mph

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



Figure 1: Woodfin Greenway Map



Figure 2: Silver-Line Park. Northern Property Line.