

# French Broad River Greenway, River Arts District, Pedestrian Count

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**Time Period:** Friday, July 2, 2021, 12:00 P.M. – Friday, July 9, 2021, 12:00 P.M.

**Location:** Near the intersection of Craven St. and Riverside Dr., on the French Broad River Greenway.



(Image: Google Maps)

## Equipment: EcoCounter Pyro Counter

The Pyro Counter is able to 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.

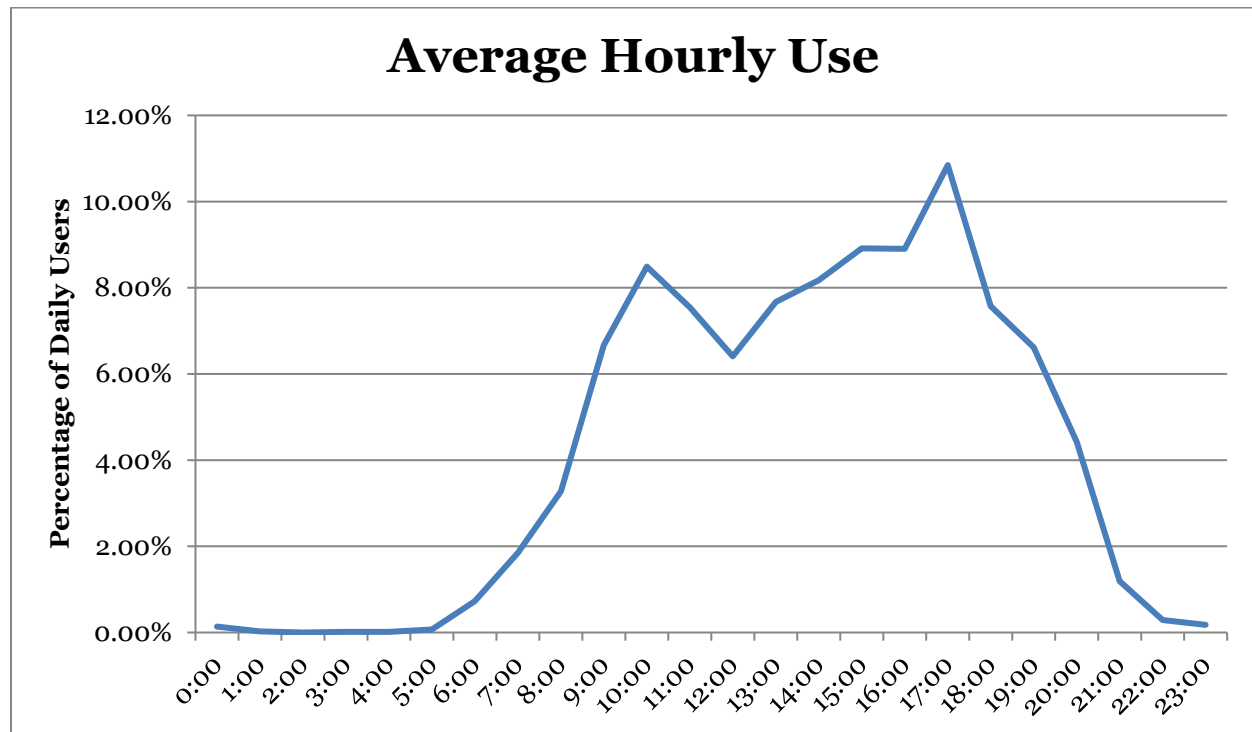
Possible sources of error include facility-users walking side-by-side or very close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear how many users are likely to have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

## Results

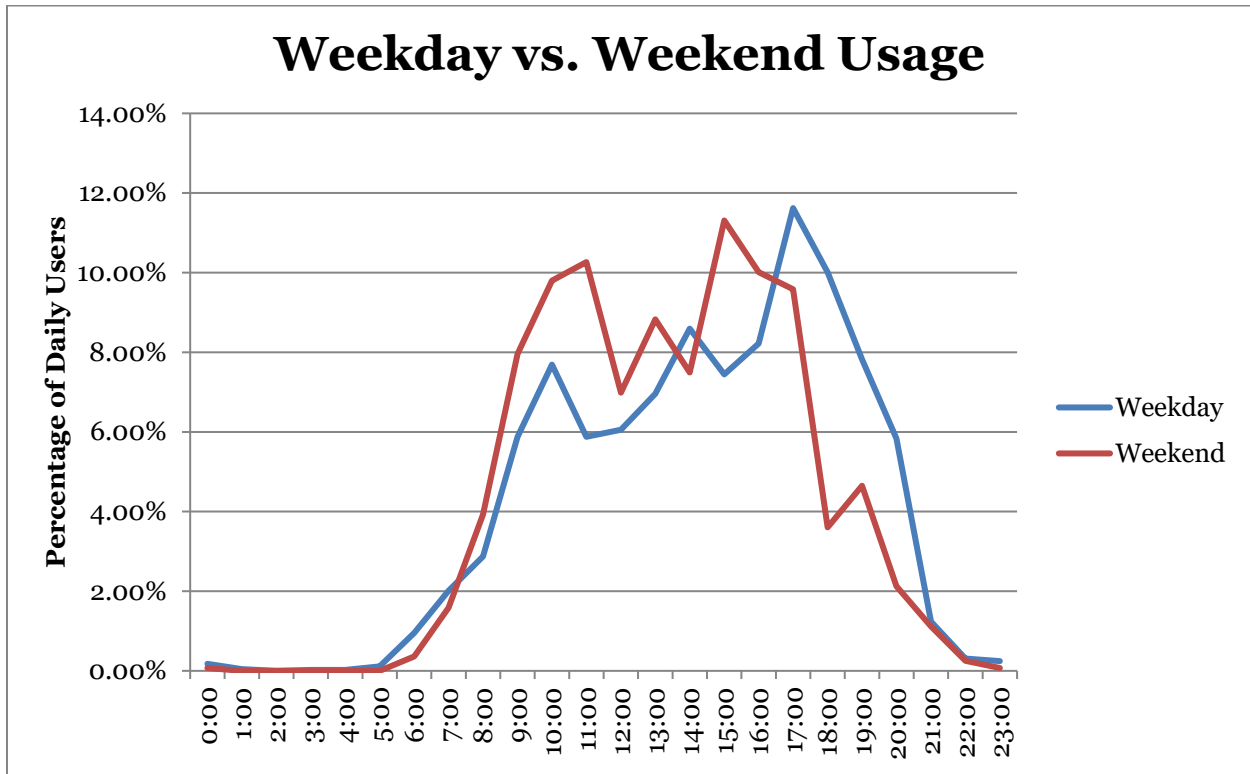
<b>Total Users</b>	<b>7302</b>
<b>Users/Hour</b>	<b>43.5</b>
<b>Peak 24-Hour Usage</b>	<b>145</b>
<b>Peak Day</b>	<b>Saturday, July 3<sup>rd</sup></b>
<b>Peak 2-Hour Period</b>	<b>306</b>
<b>Peak 2-Hour Day &amp; Time</b>	<b>Sunday July 3<sup>rd</sup>, 2:00pm – 3:00pm</b>

## Patterns of Use

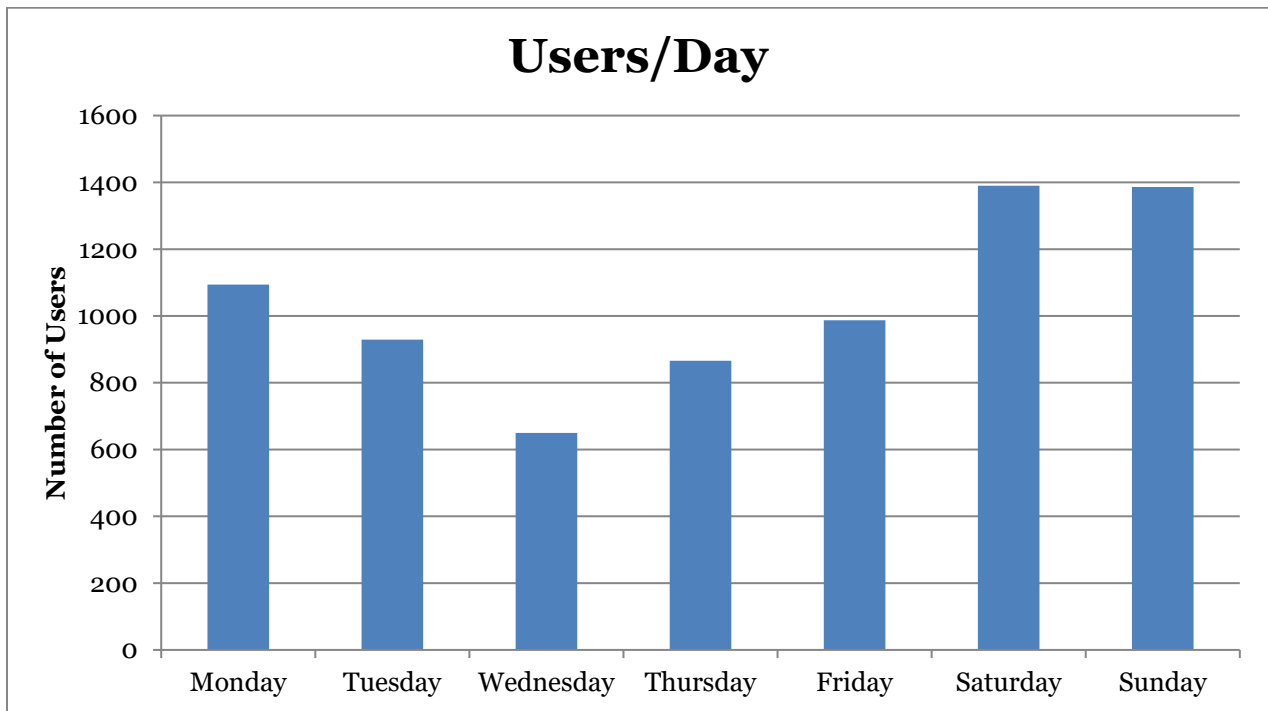
The following chart illustrates the average use of the sidewalk at the count location. This includes both weekday and weekend data and has greater weekday representation. Note the deployment window was during 4<sup>th</sup> of July weekend, potentially creating above average use.



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



The third chart shows users/day.



## Notes

Date time	Minimum Temperature	Maximum Temperature	Temperature	Precipitation	Wind Speed
07-02-2021	64.4	79.1	72	0.62	13.4
07-03-2021	59.2	76.1	67.9	0	15.8
07-04-2021	53.2	82.1	68.4	0	10
07-05-2021	59.2	84.1	72.6	0	6.9
07-06-2021	60.3	85.1	73.7	0	11.4
07-07-2021	62.9	81	71.4	0.02	10.1
07-08-2021	68.1	82.1	74	0.2	13.4
07-09-2021	65.2	82.1	73.5	0.24	10.3