

Black Mountain Downtown Cherry Street

Time Period: Tuesday, November 25, 2014 1:00 P.M. – Tuesday, December 2, 2014 1:00 P.M.

Location: Downtown Black Mountain on the west side of Cherry Street, approximately 150 feet south of W State Street



(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.

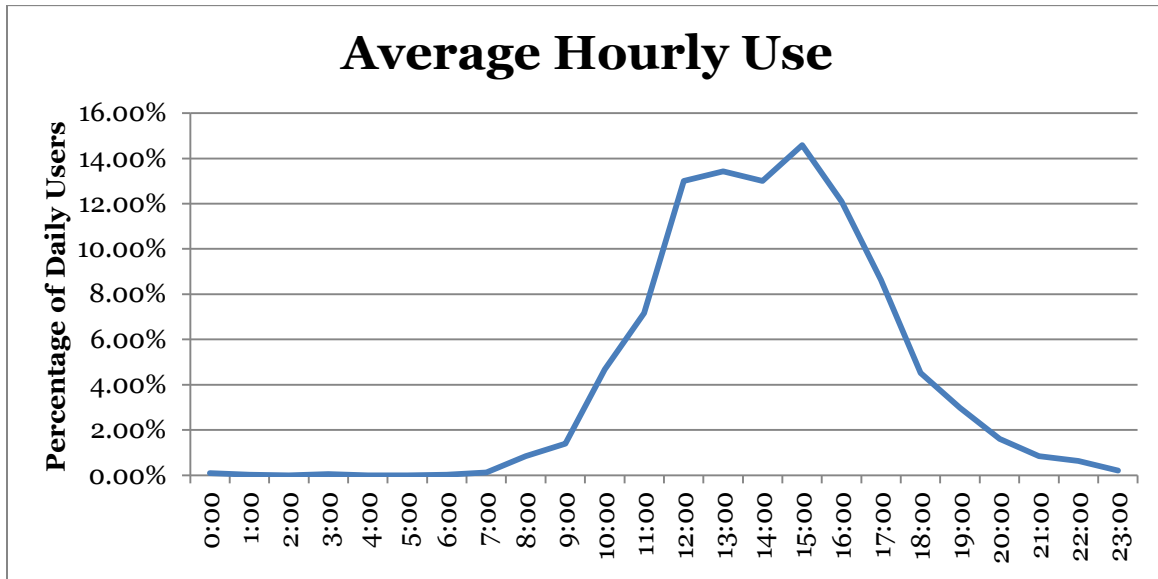
Possible sources of error include facility-users walking side-by-side or very close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear how many users are likely to have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

DRAFT Results

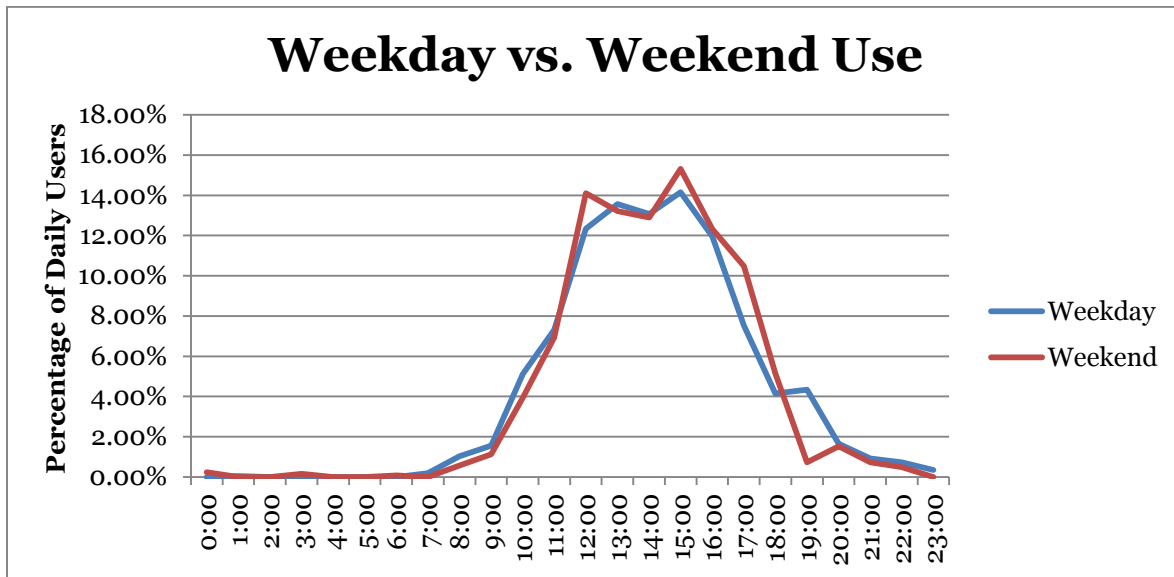
Total Users	3291
Users/Hour	19.59
Peak 24-Hour Usage	996
Peak Day	Saturday, November 29th
Peak 2-Hour Period	295
Peak 2-Hour Day & Time	2:00 – 4:00 P.M. Friday, November 28th

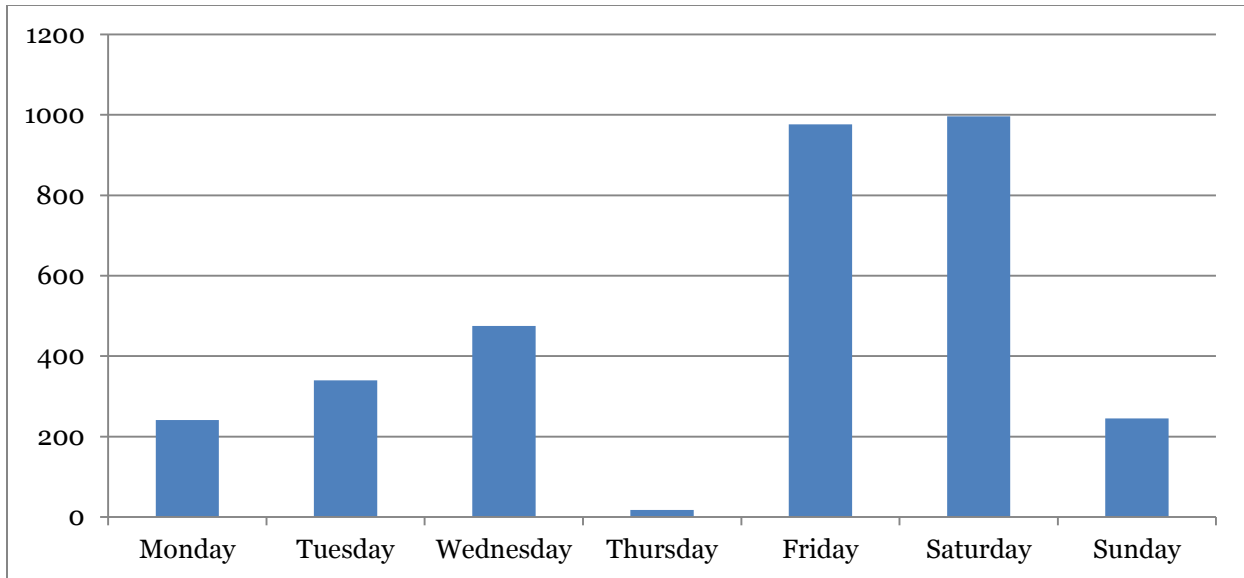
Patterns of Use

The following chart illustrates the average use of the sidewalk on Cherry Street. This includes both weekday and weekend data and has greater weekday representation.



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





Notes

Weather was about average for most of the week, with a high of 67 degrees and lows near- but not quite- freezing. Precipitation mainly occurred on Wednesday, November 26th. It should also be noted that Thanksgiving was on Thursday, November 27th and user volumes decreased from the week’s averages, as expected.