

# Black Mountain Pedestrian Count

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**Time Period:** Wednesday, February 18, 2015 12:00 P.M. – Wednesday, February 25, 2015 12:00 P.M.

**Location:** Near the NW intersection of Cherry Street and W State Street in Downtown Black Mountain.



(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.

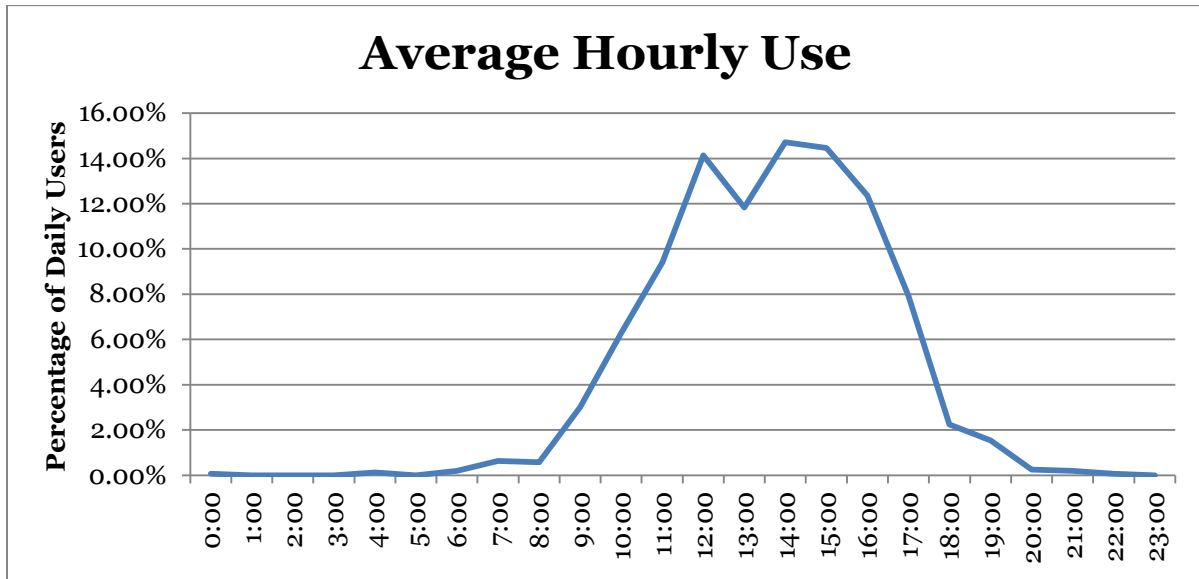
Possible sources of error include facility-users walking side-by-side or very close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear how many users are likely to have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

## Results

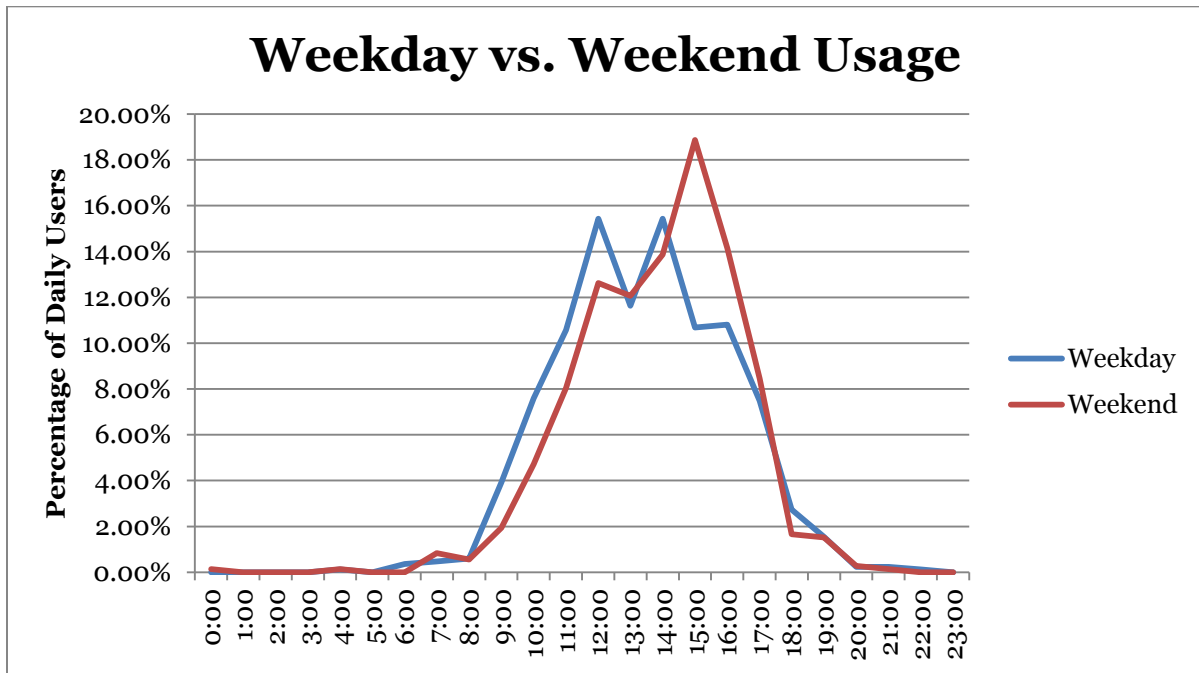
<b>Total Users</b>	<b>1,563</b>
<b>Users/Hour</b>	<b>9.3</b>
<b>Peak 24-Hour Usage</b>	<b>386</b>
<b>Peak Day</b>	<b>Saturday, February 21<sup>st</sup></b>
<b>Peak 2-Hour Period</b>	<b>123</b>
<b>Peak 2-Hour Day &amp; Time</b>	<b>3:00 – 5:00 P.M. Saturday, February 21<sup>st</sup></b>

## Patterns of Use

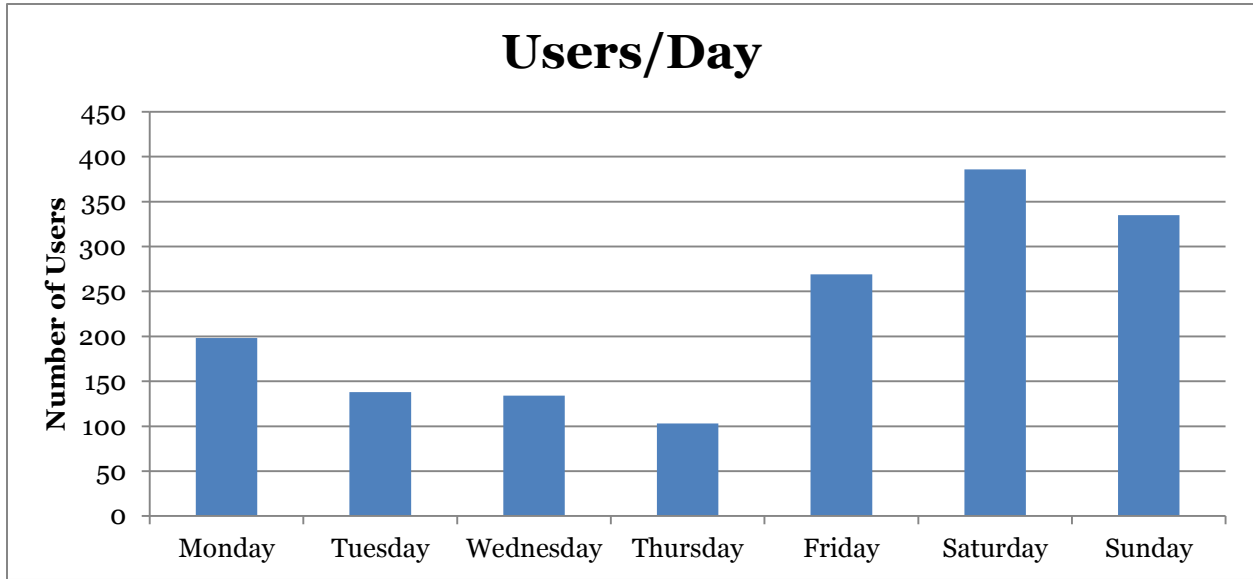
The following chart illustrates the average use of the sidewalk at the count location. This includes both weekday and weekend data and has greater weekday representation.



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



The third chart shows users/day.



### Notes

The weather was cold and stormy throughout the count week. Every day had some kind of precipitation, except Friday, February 20<sup>th</sup>. Every other day had light snow, except Sunday, February 22<sup>nd</sup>.

Temperatures were generally cool, with highs in the 30s and lows in the 10s, with the exception of a warmer Sunday with highs in the 50s and lows in the 30s. Severe cold occurred on Friday, February 20<sup>th</sup>, with lows in the single-digits.