

# Mars Hill Pedestrian Count

**Time Period:** Monday, January 26, 2015 11:00 A.M. – Monday, February 2, 2015 11:00 A.M.

**Location:** North side of NC-213, just east of Dormitory Road.



(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.

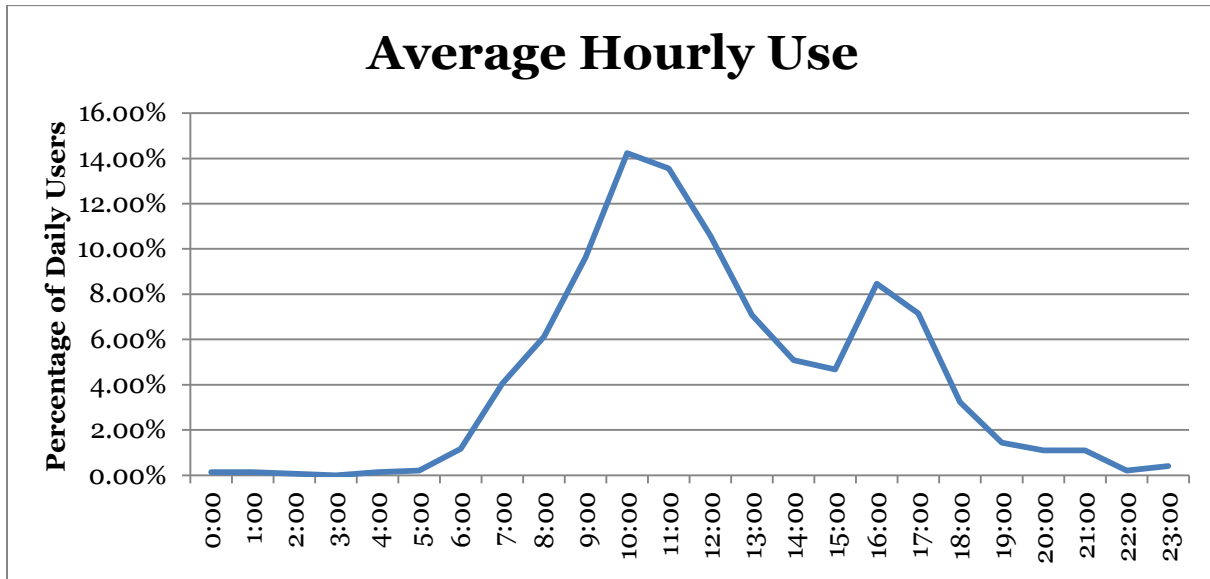
Possible sources of error include facility-users walking side-by-side or very close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear how many users are likely to have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

## Results

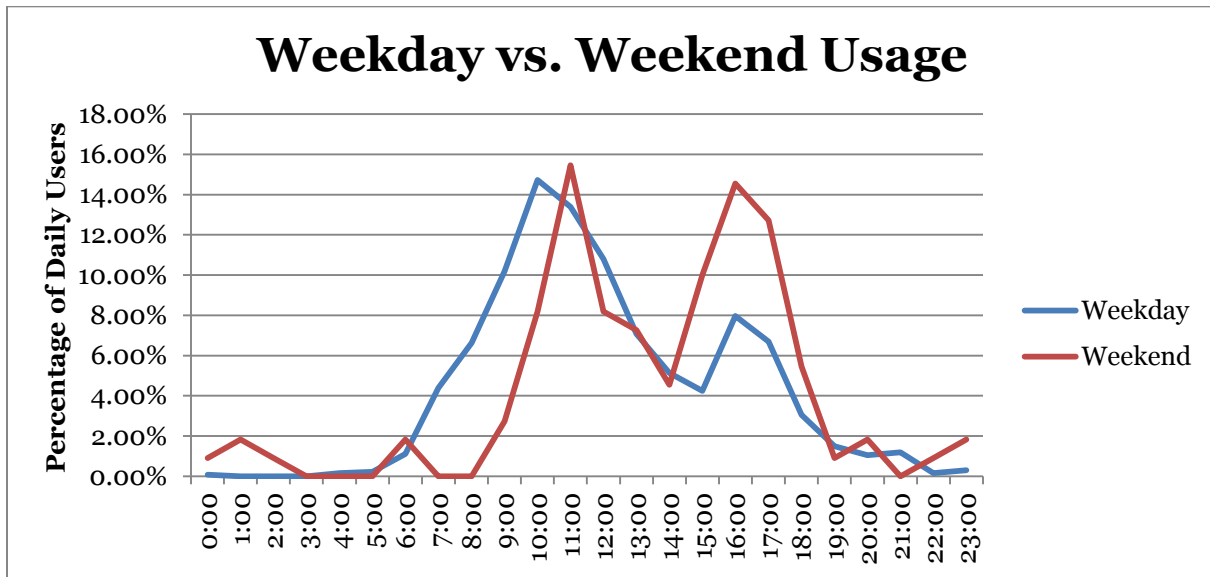
<b>Total Users</b>	<b>1,454</b>
<b>Users/Hour</b>	<b>8.7</b>
<b>Peak 24-Hour Usage</b>	<b>344</b>
<b>Peak Day</b>	<b>Thursday, February 29<sup>th</sup></b>
<b>Peak 2-Hour Period</b>	<b>95</b>
<b>Peak 2-Hour Day &amp; Time</b>	<b>10:00 – 12:00 P.M. Thursday, February 29<sup>th</sup></b>

## Patterns of Use

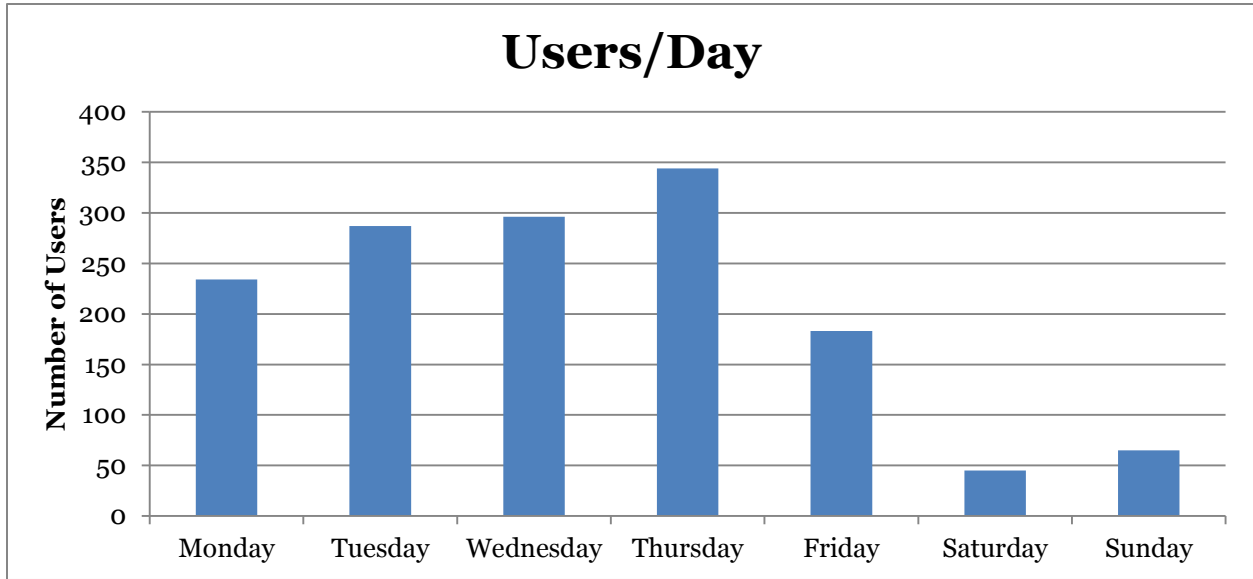
The following chart illustrates the average use of the sidewalk at the count location. This includes both weekday and weekend data and has greater weekday representation.



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



The third chart shows users/day.



### Notes

The weather was slightly below average for this time of year. Highs were generally in the 40s with lows in the 20s. Tuesday, February 27 was the coldest day with a high of 36 degrees. Significant precipitation occurred on Sunday, February 1 (0.5 in.) and Monday, February 2 (0.25 in.)