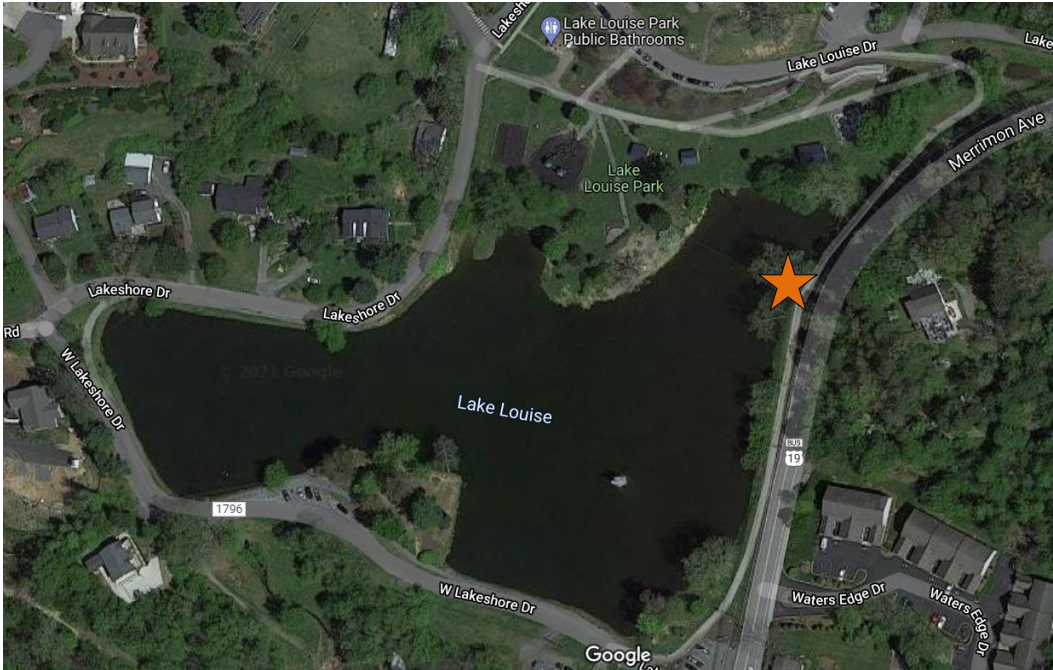


# Lake Louise Park Pedestrian Count

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**Time Period:** Tuesday June 11, 2024, to Monday June 17, 2024

**Location:** On the trail around the lake, close to the outdoor gym



(Image: Google Maps)

**Equipment:** EcoCounter Pyro Counter

The Eco-Counter (RPO 01) was placed on Monday June 10, 2024, and retrieved on Tuesday June 18, 2024. The location was approximately the same location as the 2021 survey. The purpose of this survey was to update the data from September 2021, with the intent to return to this site during September this year.

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 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.

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

### Lake Louise

<b>Total Users</b>	<b>5,452</b>
<b>Users/Hour</b>	<b>32.5</b>
<b>Peak 24-Hour Usage</b>	<b>1,030</b>
<b>Peak Day</b>	<b>Tuesday June 11, 2024</b>
<b>Peak 2-Hour Usage Period</b>	<b>188</b>
<b>Peak 2-Hour Date and Time</b>	<b>Tuesday June 11, 2024 -- 7 PM to 9 PM</b>

<b>Total Users</b>	<b>12,919</b>
<b>Users/Hour</b>	<b>76.9</b>
<b>Peak 24-Hour Usage</b>	<b>2332</b>
<b>Peak Day</b>	<b>Thursday, September 9<sup>th</sup>, 2021</b>
<b>Peak 2-Hour Period</b>	<b>2237</b>
<b>Peak 2-Hour Day &amp; Time</b>	<b>Thursday, September 9<sup>th</sup>, 6:00pm – 7:00pm</b>

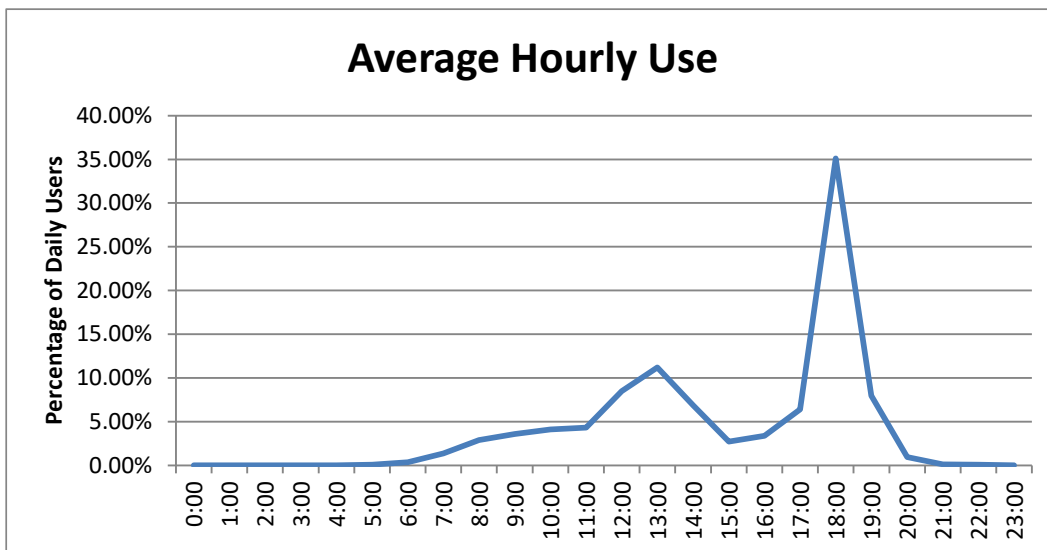
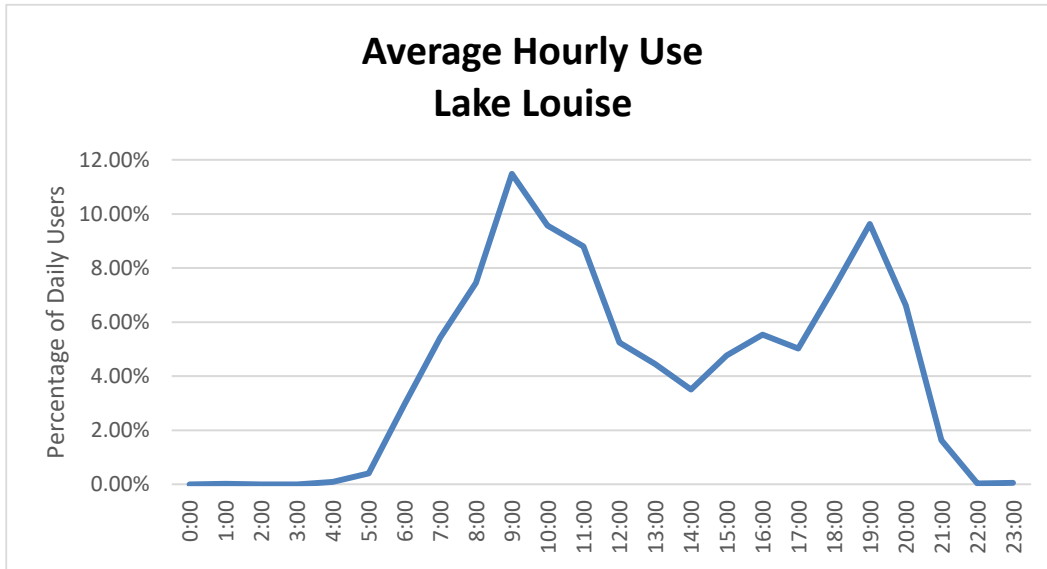
This is the first time that the Lake Louise site has been revisited since September 8<sup>th</sup> though September 15<sup>th</sup> of 2021. The temperatures were warmer this year, with the low temperature, average temperature, and elevated temperatures all being higher than during September of 2021. Saturday, this year, had a high of 94 degrees. The difference between usage levels and the frequency of use could be attributed to the different times of the year that the surveys were conducted.

It should also be noted that six out of seven days had higher trip volume during 2021 than during 2024. It should be noted, as well, that six out of seven days during 2021 had greater volumes than any day during 2024. There was one day above 1000 visitors during 2024 while there were six days above 1000 visitors during 2021.

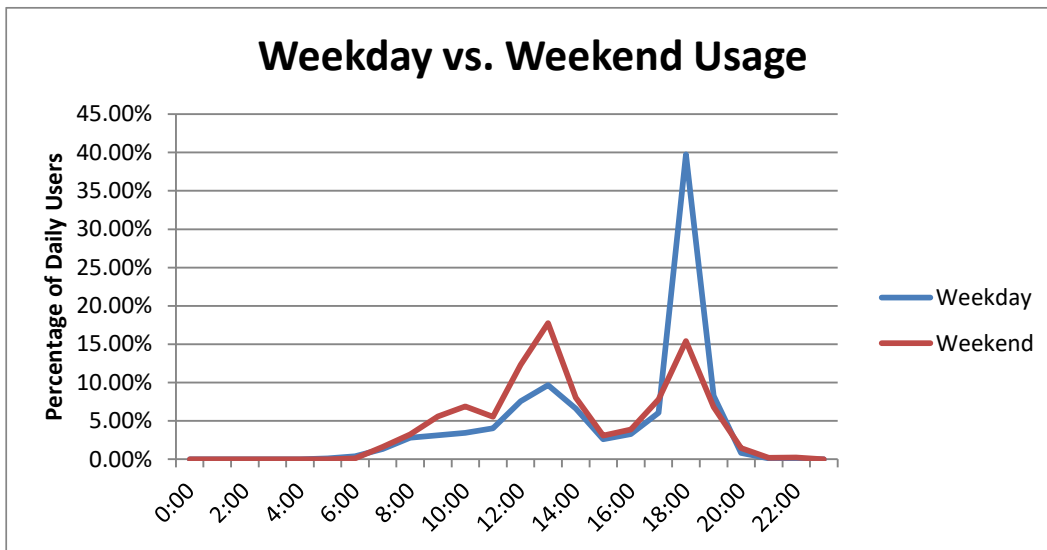
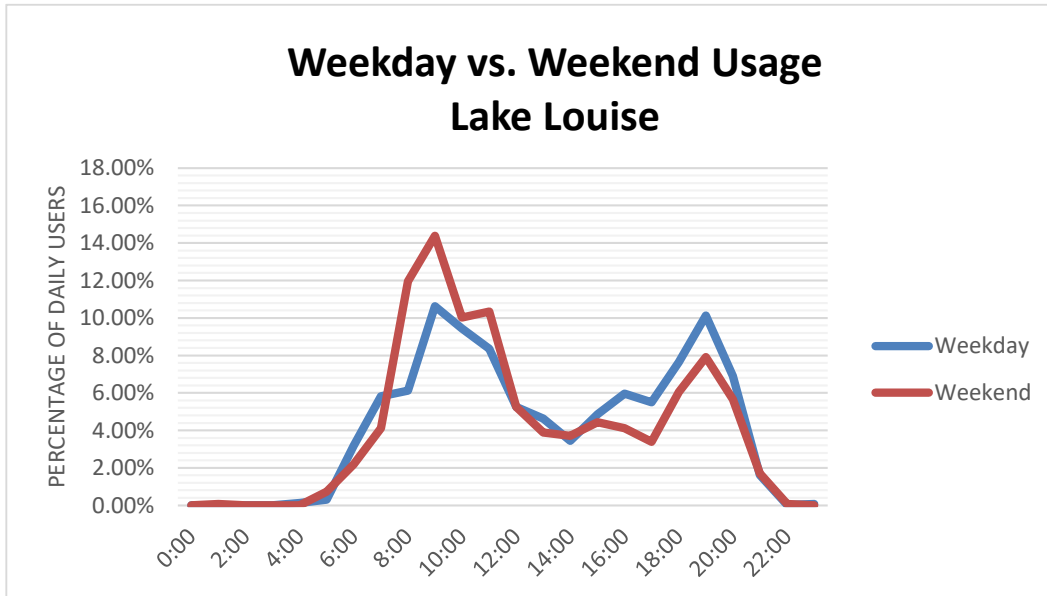
The 5,452 pedestrians counted is active when compared to other trail studies. There are numerous locations around the lake where the pedestrian counter could be placed during future visits, including the Southwest corner of the park at West Lakeshore Drive and Merrimon Avenue or at the Northwest corner of the park at Lake Louise Drive and Lakeshore Drive. These parking locations may have an impact on the volumes observed.

## Patterns of Use

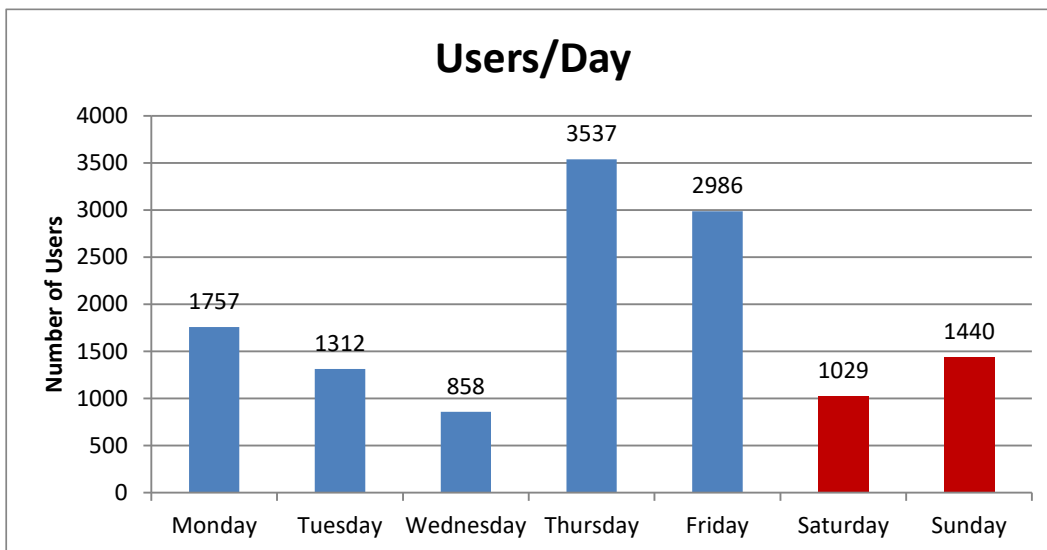
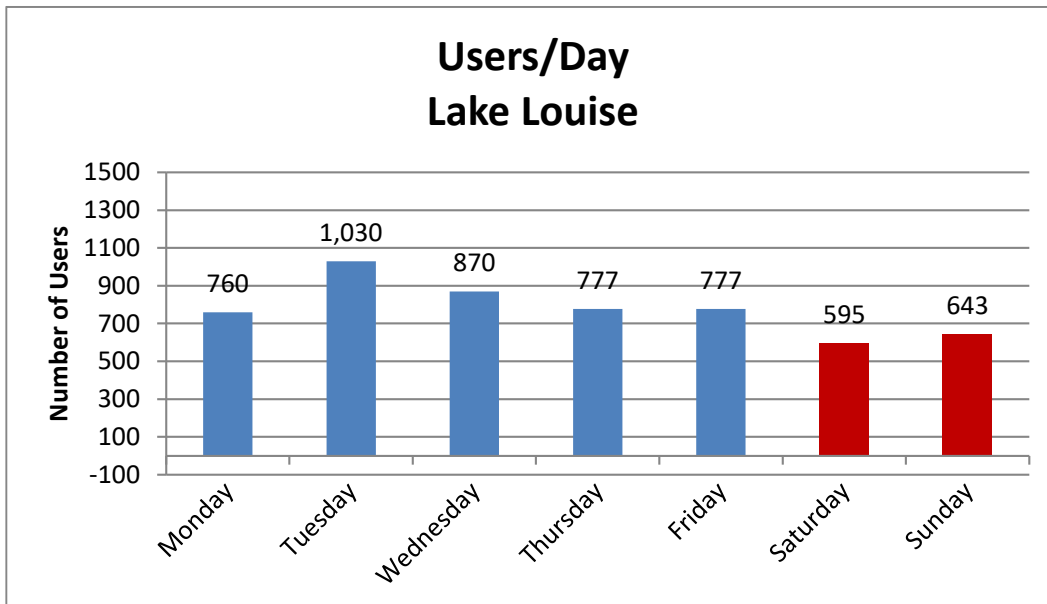
The following graph illustrates the average use of the trail at the count location. This includes both weekday and weekend data and has greater weekday representation. The top graph is the current data. The lower graph is the 2021 data.



**The second graph illustrates the different pattern of usage between the weekday and weekend.** The top graph is the current data. The lower graph is the 2021 data. The graph for this year is comparable to those observed at other locations. We tend to see this “Bactrian camel,” or two-humped shape, as people will visit the parks in our region during the morning and the evening, and record fewer visits during mid-day.



**The third chart shows users/day.** It is important to note that the data collected this year was near the start of Summer, while the 2021 data was collected near the Fall. The data for the fall was higher than during the Spring during six of the seven days.



## Notes

Date time	Minimum Temperature	Maximum Temperature	Temperature	Precipitation	Wind Speed
09-08-2021	65.9	81.1	71.4	0.16	10.3
09-09-2021	63.1	75.8	68.5	0	16.1
09-10-2021	53.1	74.9	65.4	0	11.4
09-11-2021	52.1	76.9	64.1	0	8.1
09-12-2021	54.1	82.1	67.5	0	10.3
09-13-2021	61.1	82.1	71.1	0	15
09-14-2021	60.2	83	70.2	0	8.1
09-15-2021	61.1	80.1	68.3	0.07	11.4

Date	Minimum Temperature	Maximum Temperature	Average Temperature	Precipitation	Ave. Wind Speed
6/11/2024	50.4 °F	81.1 °F	66.1 °F	0.01 in	1.0 mph
6/12/2024	53.8 °F	83.7 °F	68.0 °F	0.00 in	1.1 mph
6/13/2024	63.7 °F	86.4 °F	74.3 °F	0.00 in	1.0 mph
6/14/2024	60.3 °F	87.8 °F	74.0 °F	0.00 in	1.0 mph
6/15/2024	61.9 °F	93.9 °F	75.4 °F	0.00 in	0.8 mph
6/16/2024	70.7 °F	85.8 °F	77.3 °F	0.00 in	2.2 mph
6/17/2024	70.0 °F	86.7 °F	76.8 °F	0.00 in	1.0 mph

<https://www.wunderground.com/dashboard/pws/KNCWEAVE79>

