Trail Data User Guide

First Page: Prior Day’s Count Summary

This first screen is a summary of the prior days counts. It starts with a total of all the sites, but you can select the sites you want to see here.

Opening screen, you will have to reduce zoom level to see full screen.

Click here to reduce zoom level. Or expand to full screen.
Second Page: Monthly Comparison

Time Range Analysis

- Bike Traffic Count: 50K
- Bike Traffic Avg: 25K
- Ped Traffic Count: 18K
- Ped Traffic Avg: 8952

Data Range: 6/10/2021 - 6/30/2021

Counter Sites:
- Multiple selection

Time of Day:
- All

Use Type:
- 3-lane
- 4-lane
- 5-lane

Day of Week:
- All

When you are ready to move to the next analysis tab, click “next page.”

This next page begins to analyze the data by month. You can choose which counter sites you want to analyze and the map below will show the location of the selected counters.
On this page you can select multiple variables to create the analysis you are looking for on a monthly comparison.

The data tool starts with a specific date range, two counters selected, every hour of the day, both pedestrian and bike counts, and every day of the week turned on.

The first variable we will focus on is the date range of the analysis. By clicking here you can select the beginning and end of your data selection. In the monthly analysis, it will count all the days in that month within your date range.
Calendar drops down to select start and end dates. For this example we changed the date range to July 16th-August 3rd.

Next you can choose the counter sites to be included in the analysis by clicking the drop down. All the counter sites are selected to begin with.
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Next you can adjust the time of day if you wanted to see morning hours, afternoon hours, etc..
In this example we selected the hours of 6-10am to analyze the morning commute. You can see the traffic counts change from the prior image with all 24 hours selected.

We also have the ability to choose whether we want to see bike and pedestrian count totals, just bike counts or just pedestrian counts. In this example we chose just bike and the pedestrian totals are not shown.
In this example we chose just pedestrian counts and the bike totals are no longer shown.

The final option to choose is the days of the week. You can make your selection the same way as the other options: by clicking the drop down.
In this example we selected Monday through Friday (and turned user type back to all to show bike & pedestrian data).

Right click on the graph and the following pop up will appear. This will allow you to view the selected data as a table.
The table and data will appear under the graph and you can scroll on the table to see all the data for the selected time frame.

Click back to report to exit out of the table view and return to the previous screen.
If you hover the mouse over any point on the graph a pop-up screen will appear showing you the date for that specific date.

Click the next button to move on from Monthly Comparison to Daily Comparison.
The next data analysis is for a daily breakdown of the data.

You have all the same tools as the monthly analysis. You can change the dates, sites, time of day, user types, and day of the week.
You can right click, choose show as table, and see the daily break down in tabular form for your selection.

Now we’ll look at the "drill up" option from the same example. Right click and select drill up from the drop down menu.
The "drill up" option switched the display from daily totals to monthly totals for our selection. This summarizes the data from the dates selected in July and dates selected in August.

We stay in the monthly summary here, but change the dates to the beginning of May. You can see the additional months included, and the total bike and pedestrian counts at the top changed from the previous summary screen.
You can right click and select "drill up" again, to move from monthly summary to annual summary.

The resulting data shows the annual summary for each counter location, based on the dates selected. So this example would be from May 1, 2022 - Aug 5, 2022.
You can also move backward, to get back to your previous analysis, by right clicking on the chart and selecting "Expand to next level."

Click next, to move to the 4th page: Day of the Week Analysis.

Doing so brought our data summary back to the monthly comparison. If you right clicked again, and selected "Expand to next level," it would bring you back to the daily breakdown.
The fourth analysis option we have is to look at the data by day of the week. You have the same options again: date range, counter sites, time of day, and use type.
In this example we left the original selection on for just Cherry Creek 1 and South Platte 1. but adjusted the date range to April 1, 2022 - Aug 3, 2022. The data shows the different total volumes for the days of the week. You can modify all the selections as you would like for your analysis.

When you are finished with this analysis type, you can click next to move to the last page, Annual Analysis.

The annual analysis page summarizes the counter sites by total annual counts. Counters were added at different times, so some counters may only have 1 or 2 years of data. As a reminder, the first batch of counters were installed in August 2022. You can select and change the sites, time of day, use type, and day of week.