

# TRAFFIC ANALYSIS REPORT FOR JULY 2024

## 1. Southam Lane

This month saw an average of 2396 cars per day. The average speed of motorized vehicles was 30.0 mph. 85% of all vehicles were travelling slower than 35.5 mph. The worst speeding event we had occurred at 11:30 pm on the 25<sup>th</sup> June 2024 when a vehicle was recorded travelling at 75 mph coming into the village passing the entrance to Manor Courtyard. Traffic is travelling eastwards on Southam Lane. There is a 1.9% rain correction in this data.

For Project: Southam Lane West  
Report Generated: 04/12/2024 07:16:16 PM  
Speed Intervals = 5 MPH

Traffic Report From 20/06/2024 06:00:00 PM through 25/07/2024 05:59:59 PM

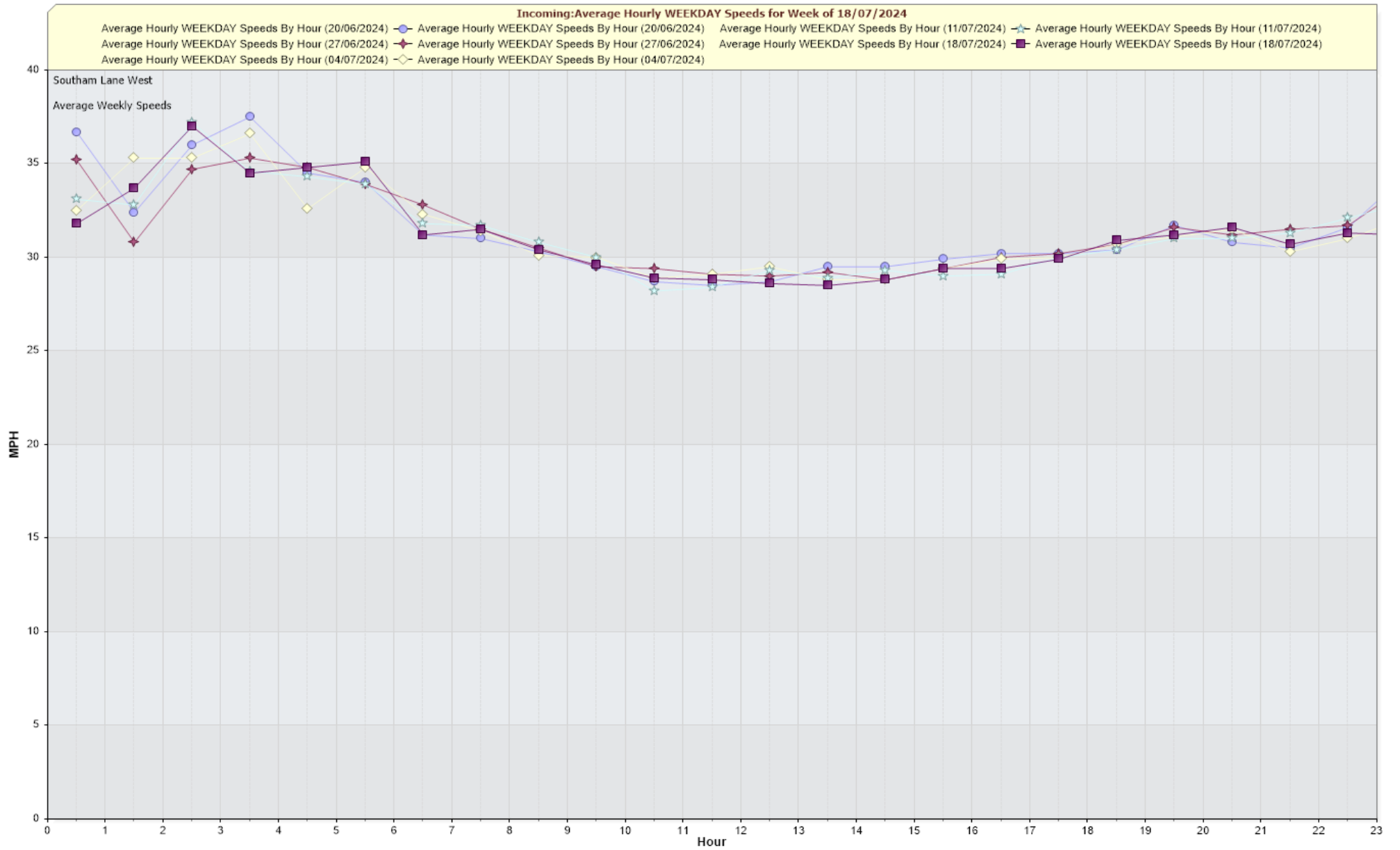
85th Percentile Speed = 35.5 MPH  
85th Percentile Vehicles = 71,269 counts  
Max Speed = 75.0 MPH on 25/06/2024 23:30:00  
Total Vehicles =83,846 counts  
AADT: 2395.6

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,419	2,333
AM Peak	08:00 to 09:00	181	178
PM Peak	03:00 to 04:00	218	202

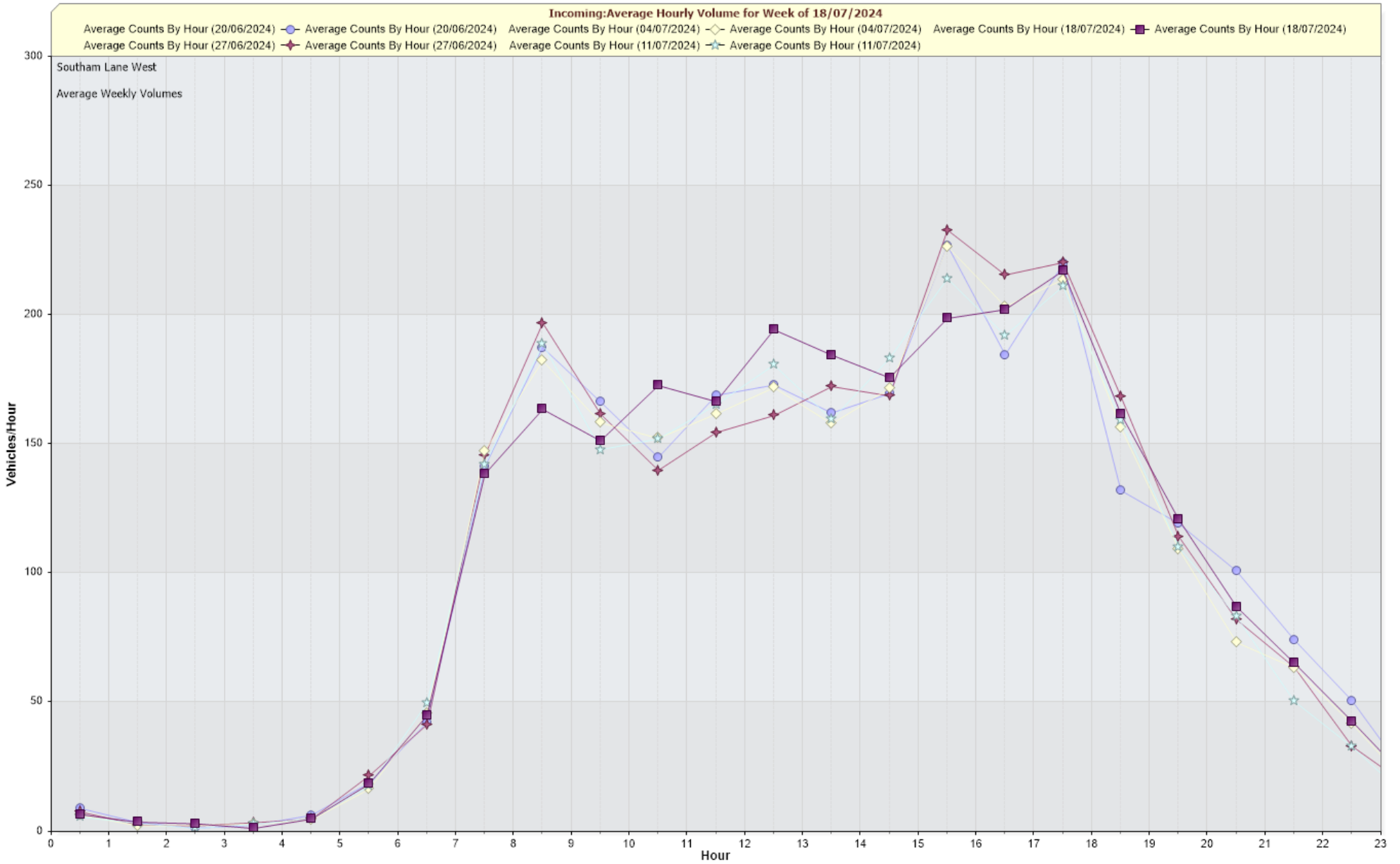
### Speed

Speed Limit: 30 MPH  
85th Percentile Speed: 35.5 MPH  
50th Percentile Speed: 29.5 MPH  
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
Average Speed: 30.0 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	5512	5650	5714	5888	5934	5418	4618
% over limit	46.4	45.1	45.8	45.8	45.9	48.8	45.7
Avg Speeder	34.8	34.9	34.8	34.8	34.8	34.8	34.6



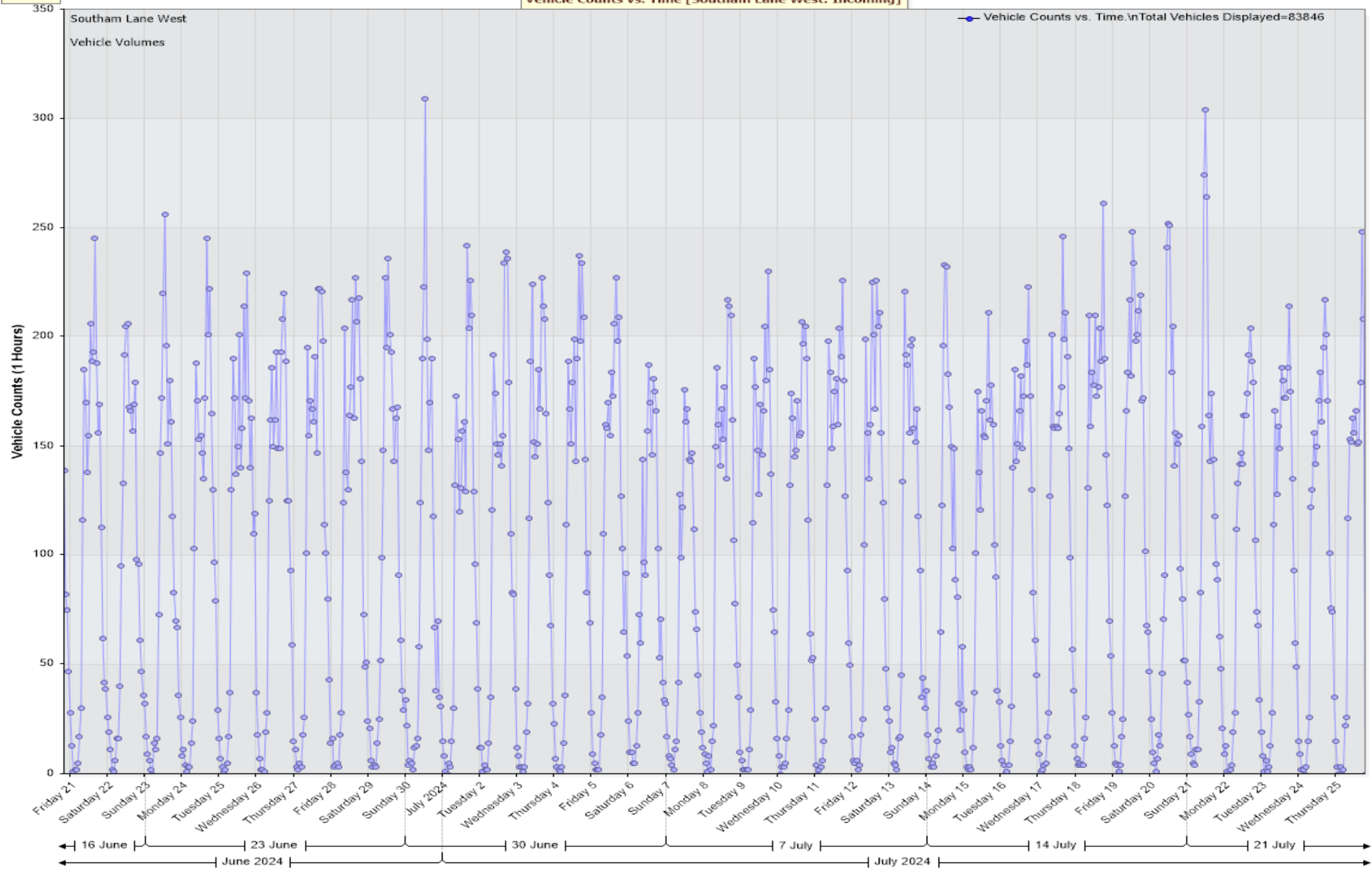
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

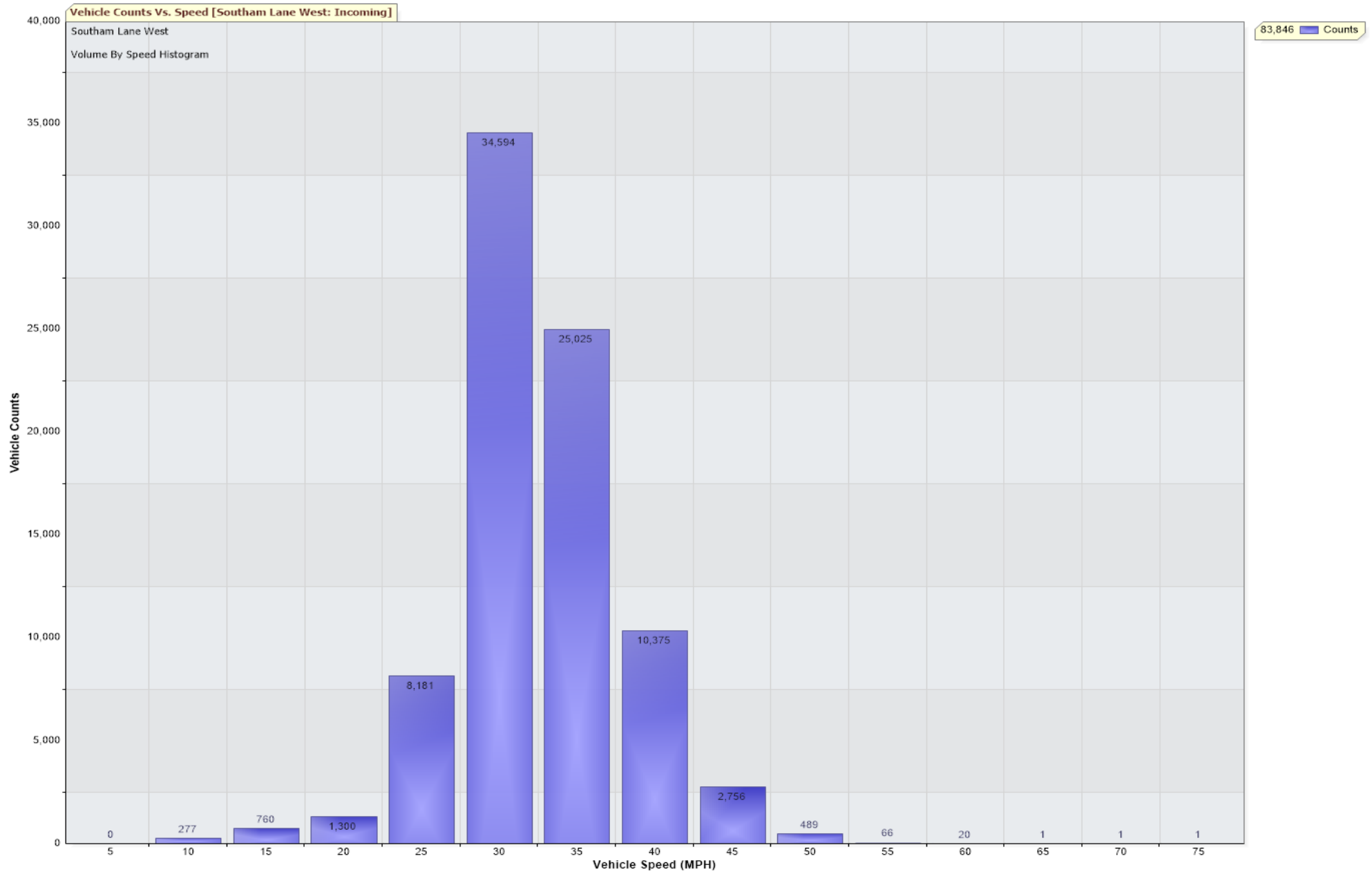


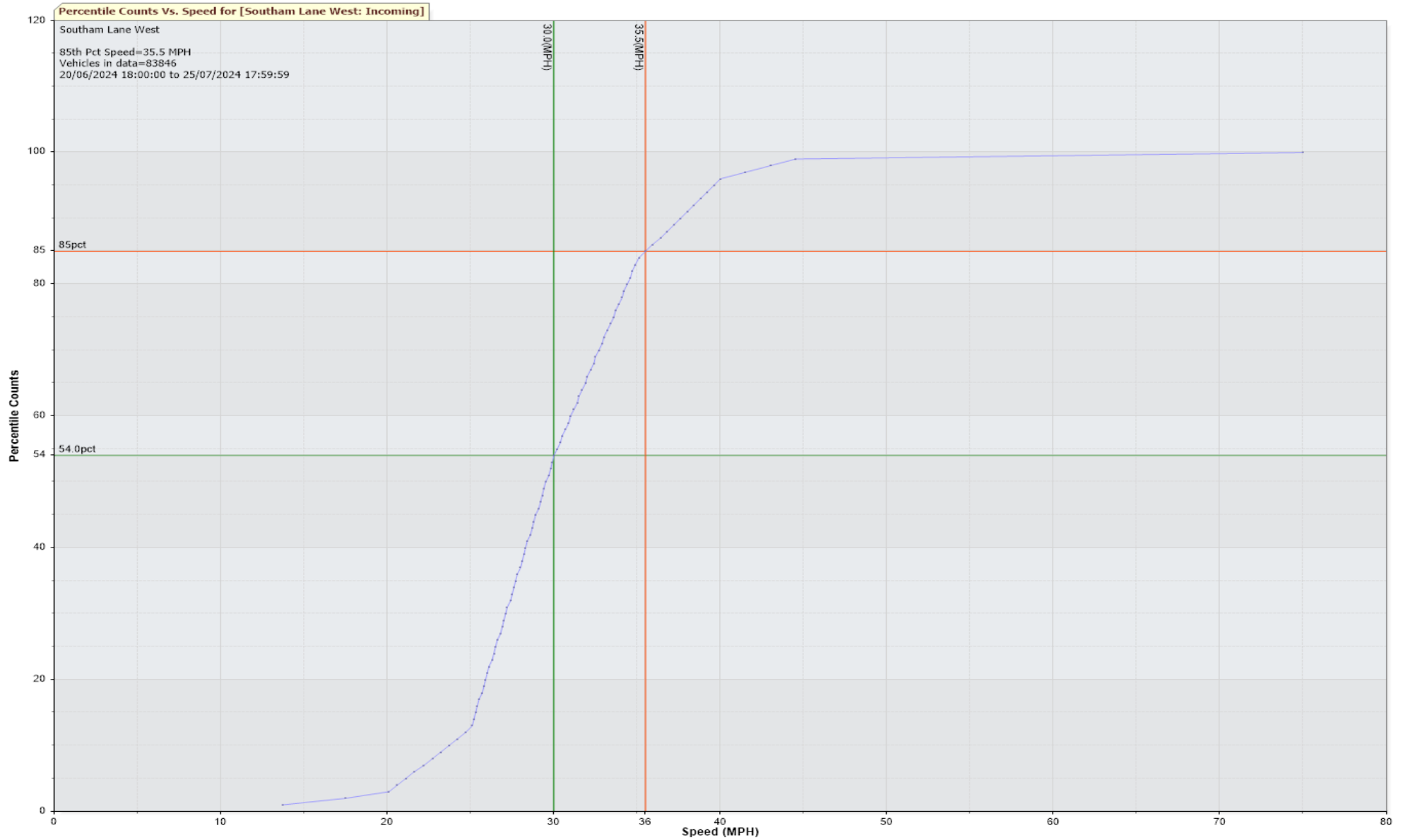
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

Zoom help

Vehicle Counts vs. Time [Southam Lane West: Incoming]







The blue trace shows the data from the histogram plot on page 5, expressed as a percentage of the total number of vehicles and summed to show the percentage vehicles travelling slower than the selected value on the horizontal scale. The additional brown and green lines show a couple of the most interesting points on the trace, the 85% percentile and the 30mph speed limit.

## 2. Southam Lane East

This month saw an average of 2421 cars per day. The average speed of motorized vehicles was 27.4 mph. 85% of all vehicles were travelling slower than 31.9 mph. The worst speeding event we had occurred at 10:35 pm on the 25<sup>th</sup> June 2024 when a vehicle was recorded travelling at 65 mph through the village. Traffic is travelling westwards towards the bus stop in Southam on Southam Lane. A rain correction of 2.0% has been applied

For Project: SouthamLaneEast2  
Projects Notes/Address: Outside Jeffs  
Report Generated: 04/12/2024 07:55:44 PM  
Speed Intervals = 5 MPH

Traffic Report From 21/06/2024 06:00:00 PM through 26/07/2024 05:59:59 PM

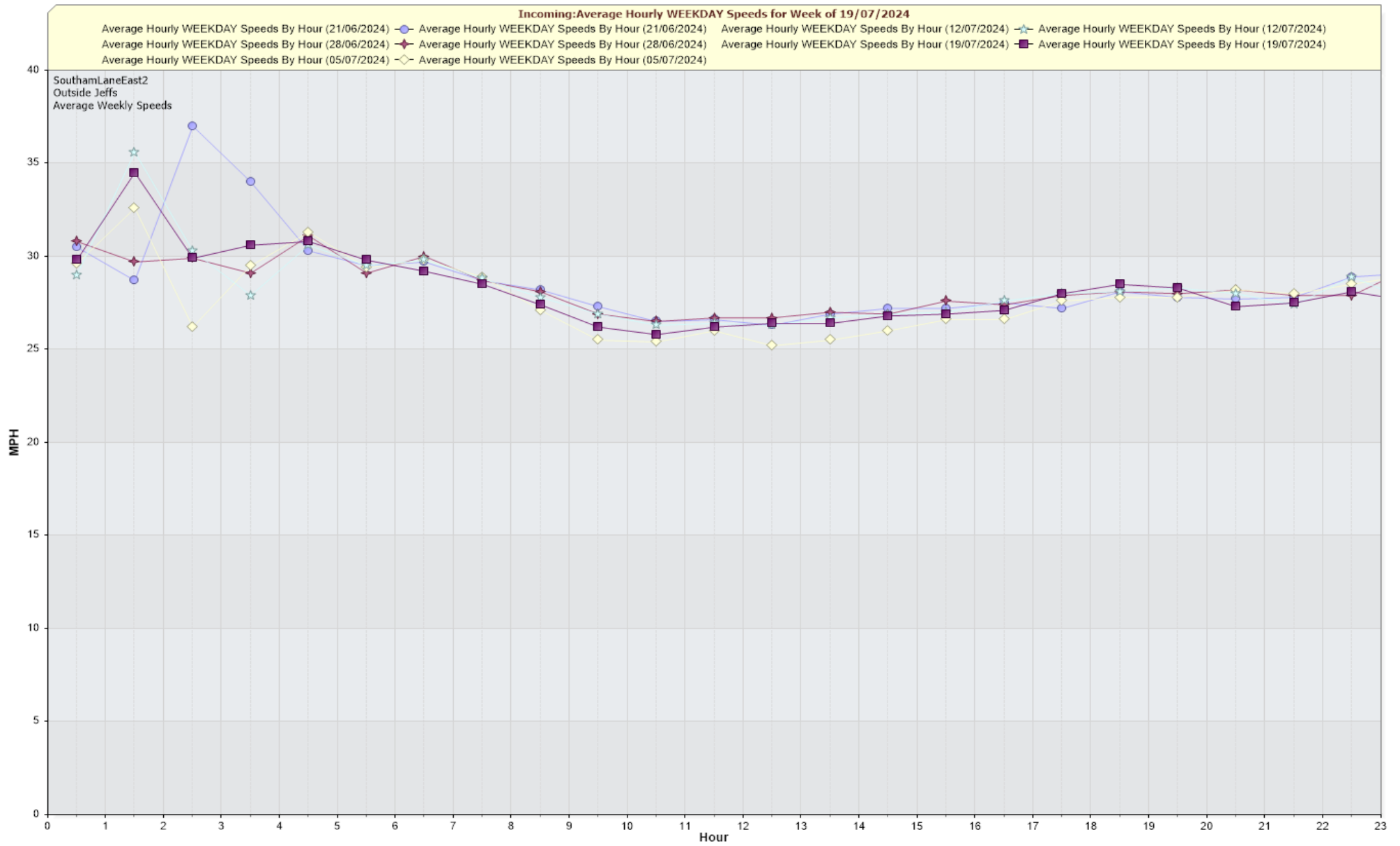
85th Percentile Speed = 31.9 MPH  
85th Percentile Vehicles = 72,013 counts  
Max Speed = 65.0 MPH on 25/06/2024 22:35:00  
Total Vehicles =84,721 counts  
AADT: 2420.6

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,469	2,354
AM Peak	08:00 to 09:00	242	210
PM Peak	03:00 to 04:00	205	190

### Speed

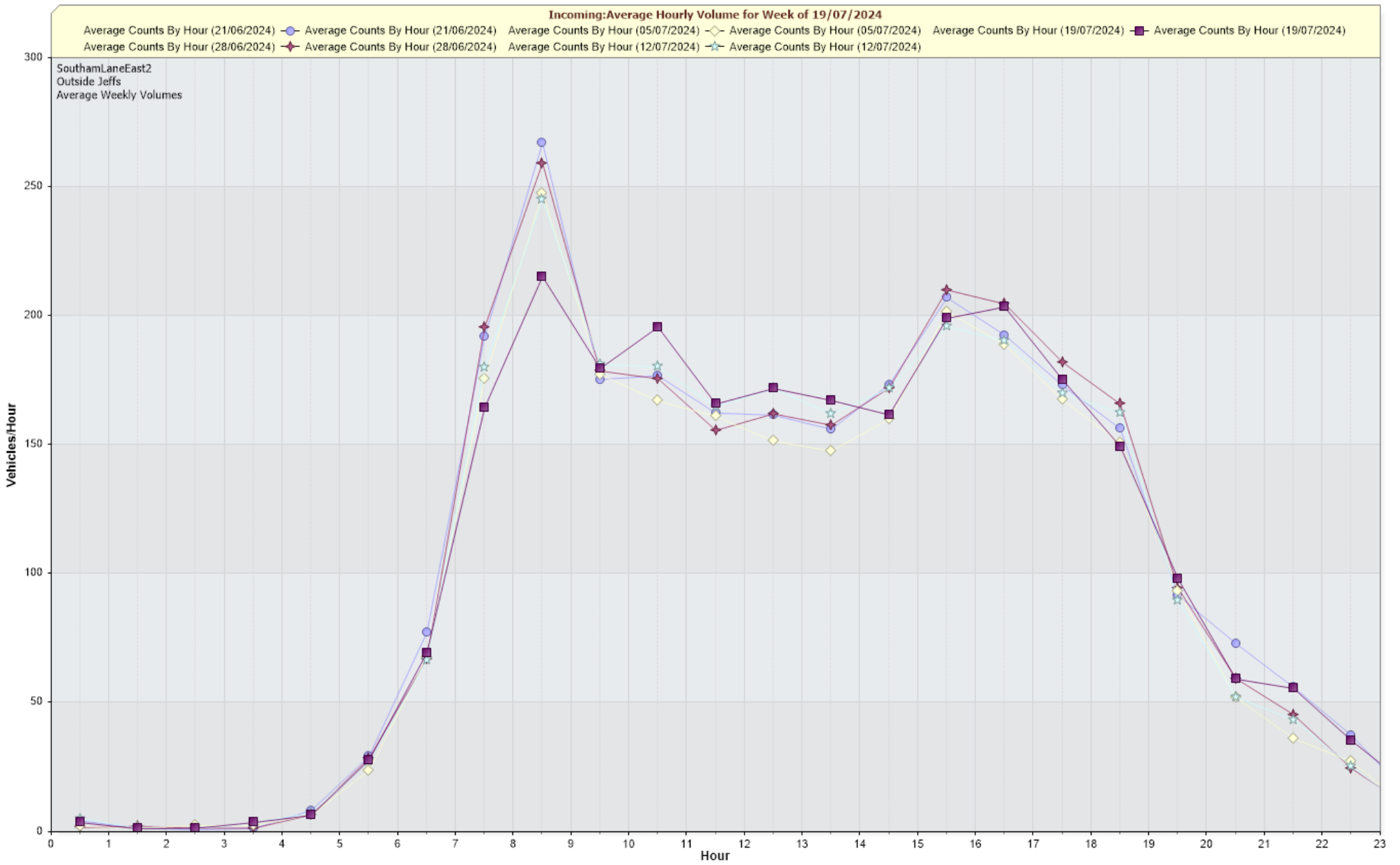
Speed Limit: 30 MPH  
85th Percentile Speed: 31.9 MPH  
50th Percentile Speed: 27.5 MPH  
10 MPH Pace Interval: 20.0 MPH to 30.0 MPH  
Average Speed: 27.4 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	2838	2821	2634	3016	3135	2436	2056
% over limit	23.5	22.4	21.4	22.5	22.9	22.4	21.0
Avg Speeder	33.3	33.4	33.4	33.4	33.4	33.4	33.4



This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

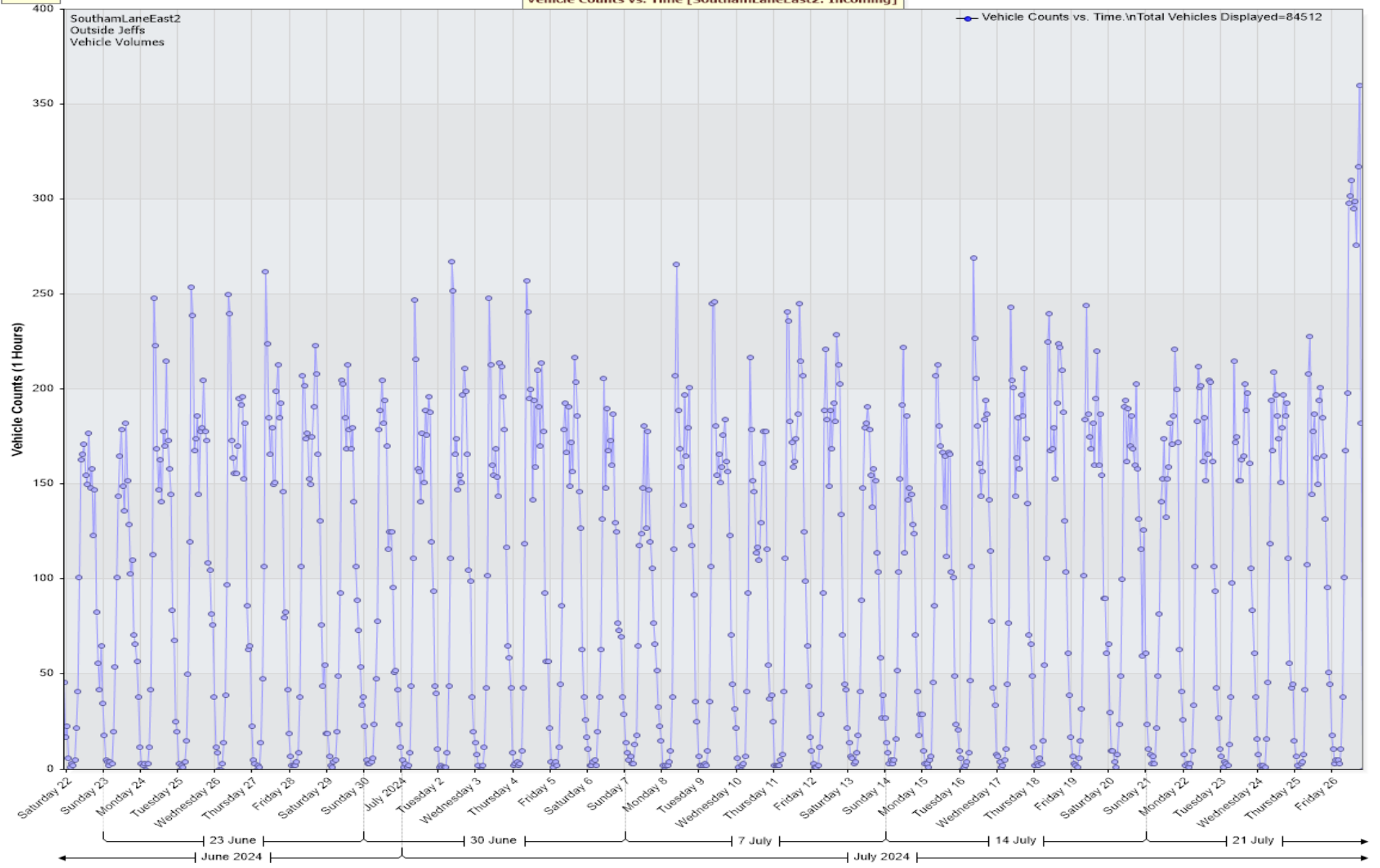


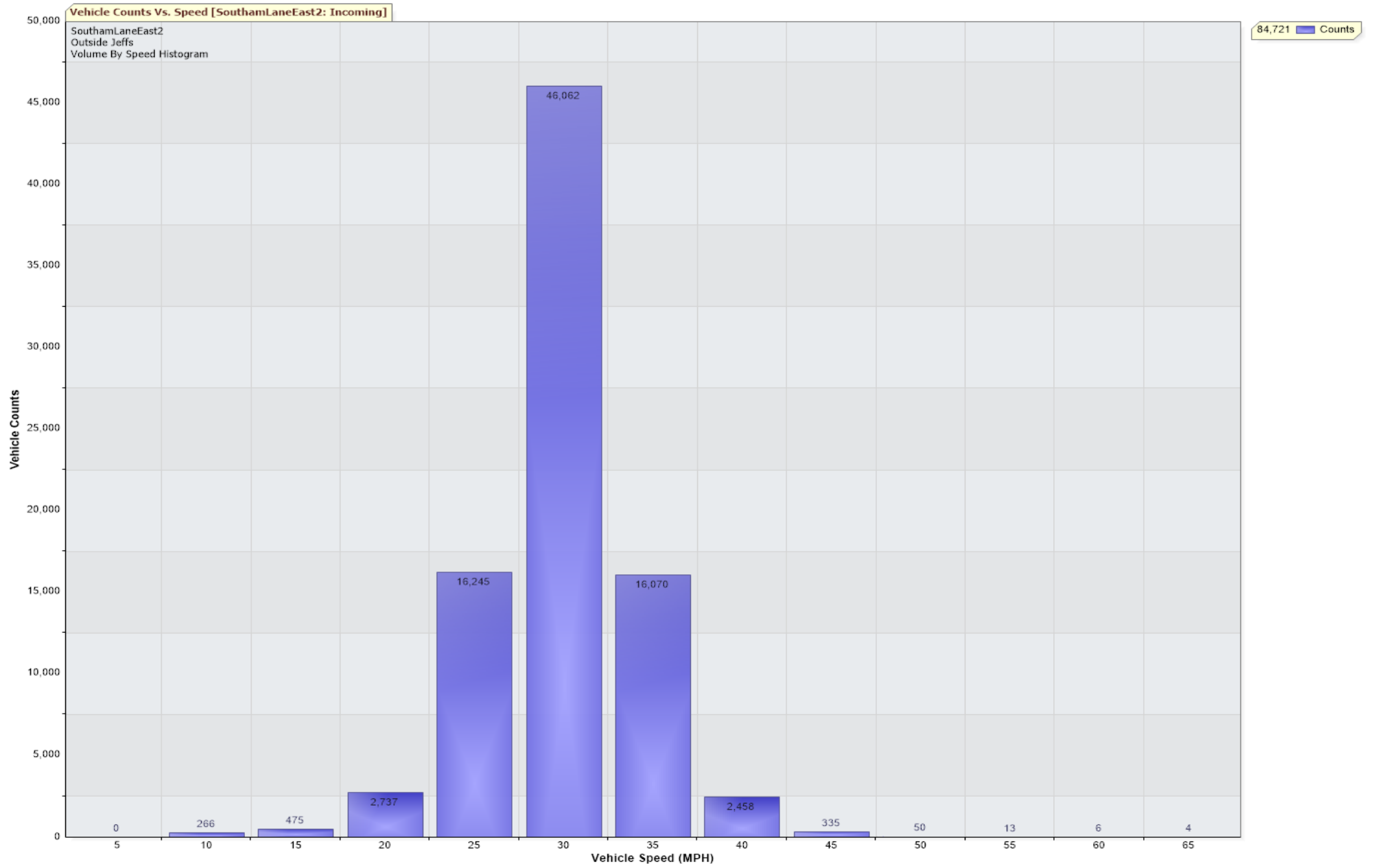


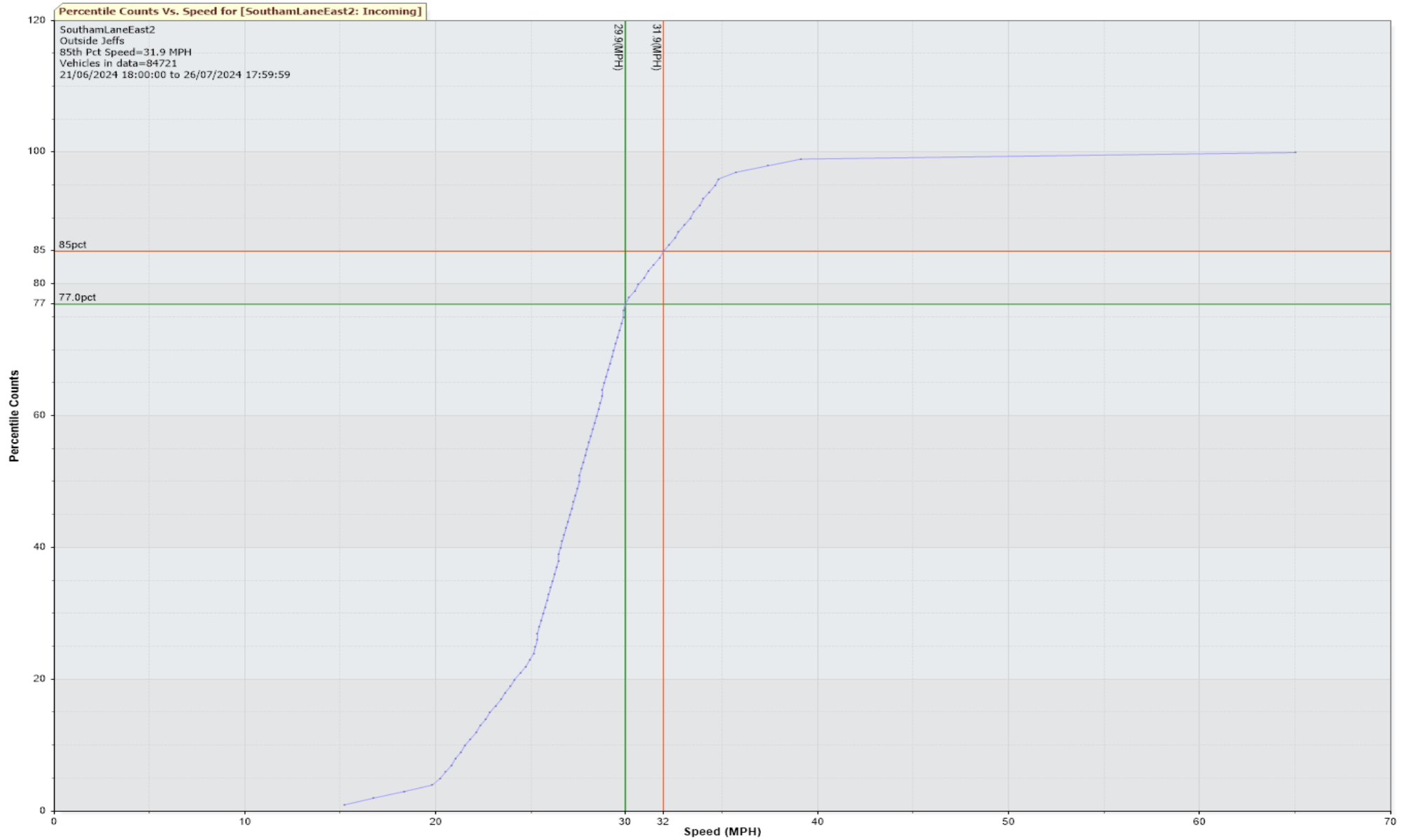
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

Zoom help

### Vehicle Counts vs. Time [SouthamLaneEast2: Incoming]







The blue trace shows the data from the histogram plot on page 11, expressed as a percentage of the total number of vehicles and summed to show the percentage vehicles travelling slower than the selected value on the horizontal scale. The additional brown and green lines show a couple of the most interesting points on the trace, the 85% percentile and the 30mph speed limit.

### 3. New Road

This month saw an average of 1693 cars per day. The average speed of motorized vehicles was 28.9 mph. 85% of all vehicles were travelling slower than 34.4 mph. The worst speeding event we had occurred at 12:00 am on the 2<sup>nd</sup> July 2024 when a vehicle was recorded travelling at 55 mph coming into the village. Traffic is travelling southwards on New Road. No rain correction required.

For Project: New Road North  
 Report Generated: 05/12/2024 04:44:05 AM  
 Speed Intervals = 5 MPH

Traffic Report From 01/07/2024 12:00:00 PM through 29/07/2024 12:59:59 PM

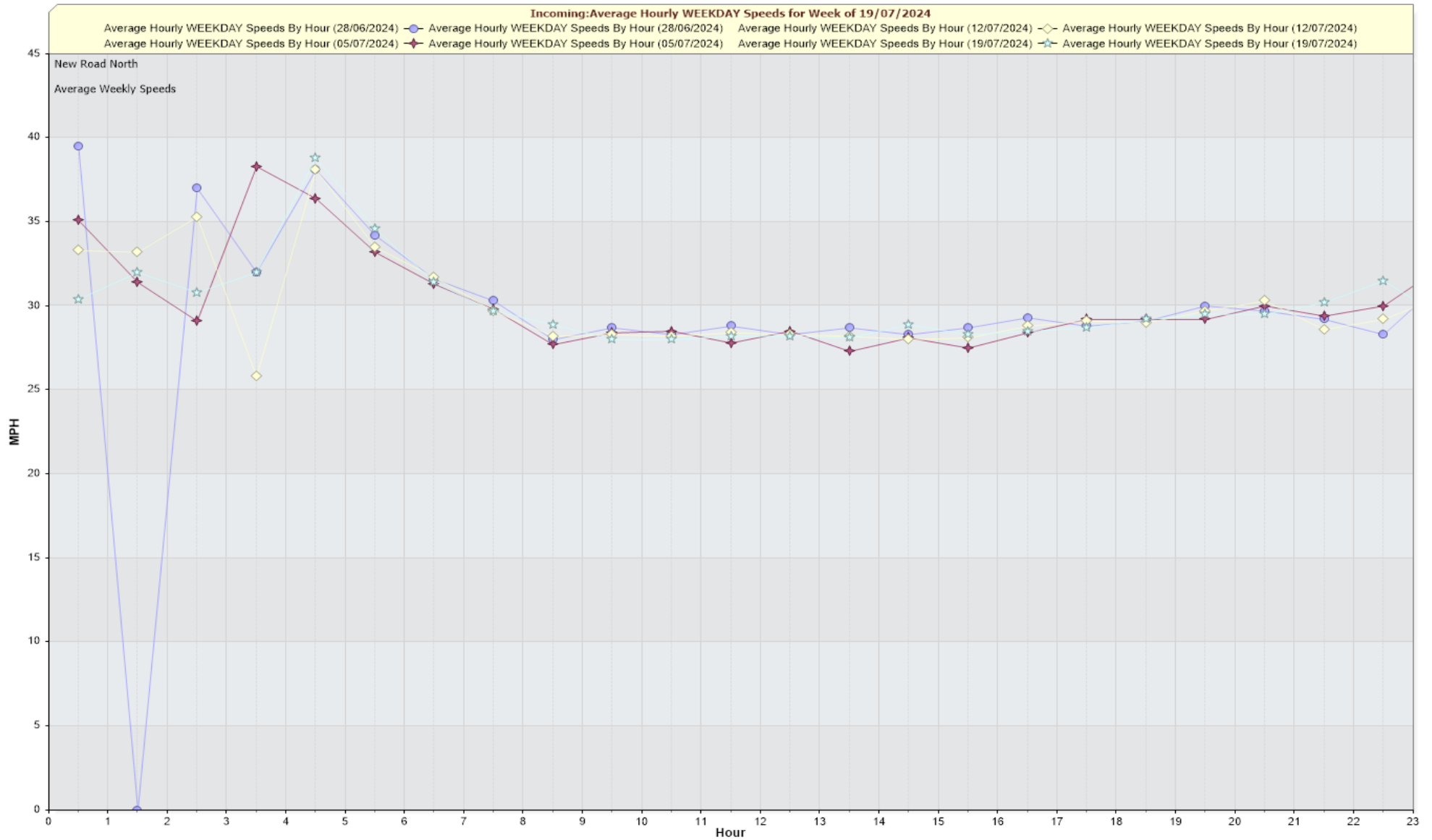
85th Percentile Speed = 34.4 MPH  
 85th Percentile Vehicles = 40,348 counts  
 Max Speed = 55.0 MPH on 02/07/2024 12:00:00  
 Total Vehicles = 47,468 counts  
 AADT: 1692.8

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		1,809	1,645
AM Peak	08:00 to 09:00	218	174
PM Peak	03:00 to 04:00	147	129

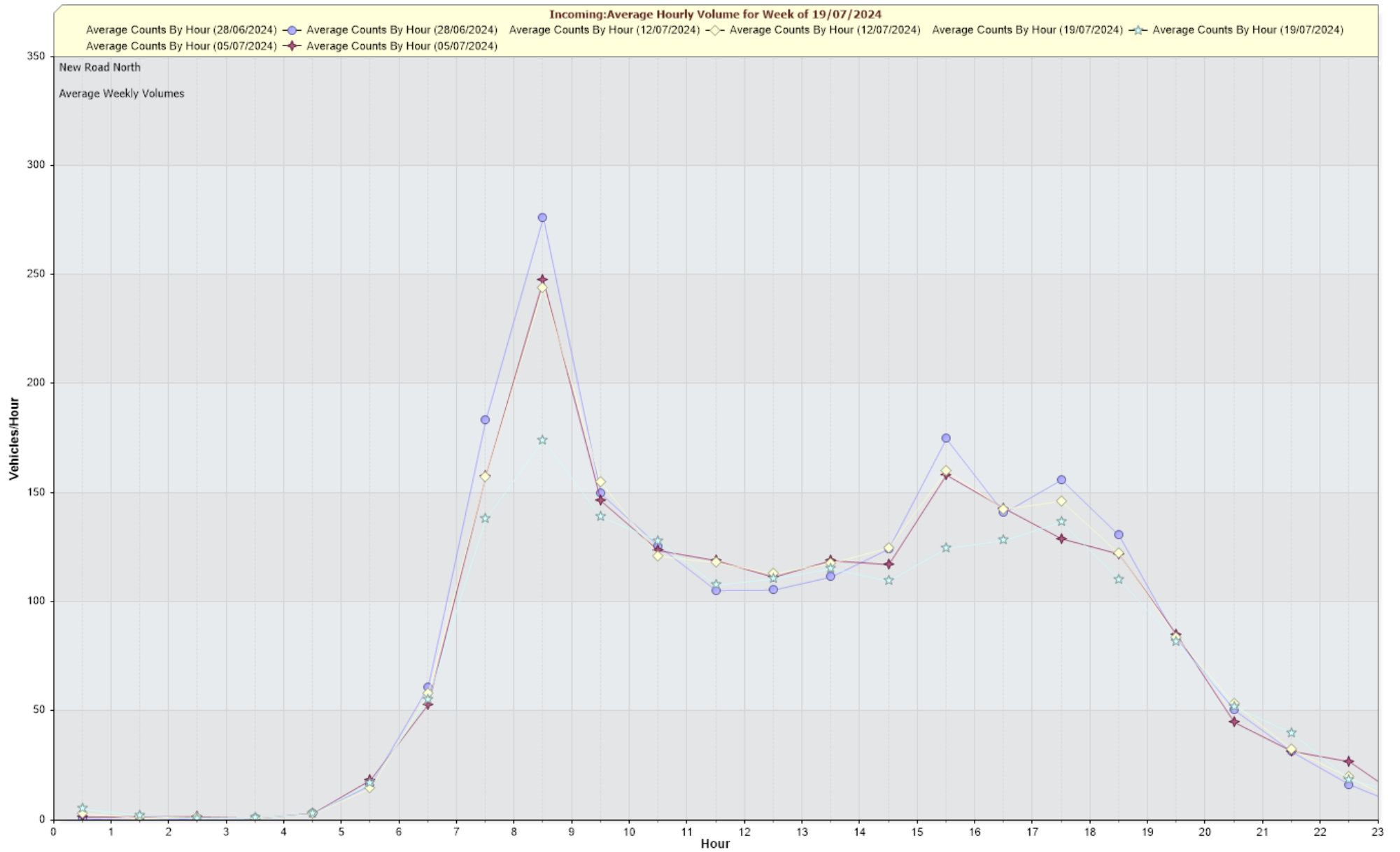
### Speed

Speed Limit: 30 MPH  
 85th Percentile Speed: 34.4 MPH  
 50th Percentile Speed: 28.8 MPH  
 10 MPH Pace Interval: 25.0 MPH to 35.0 MPH  
 Average Speed: 28.9 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	2666	2909	3098	2988	2806	2234	2009
% over limit	38.8	37.8	38.9	37.2	40.0	43.8	42.0
Avg Speeder	34.3	34.4	34.3	34.3	34.4	34.5	34.4



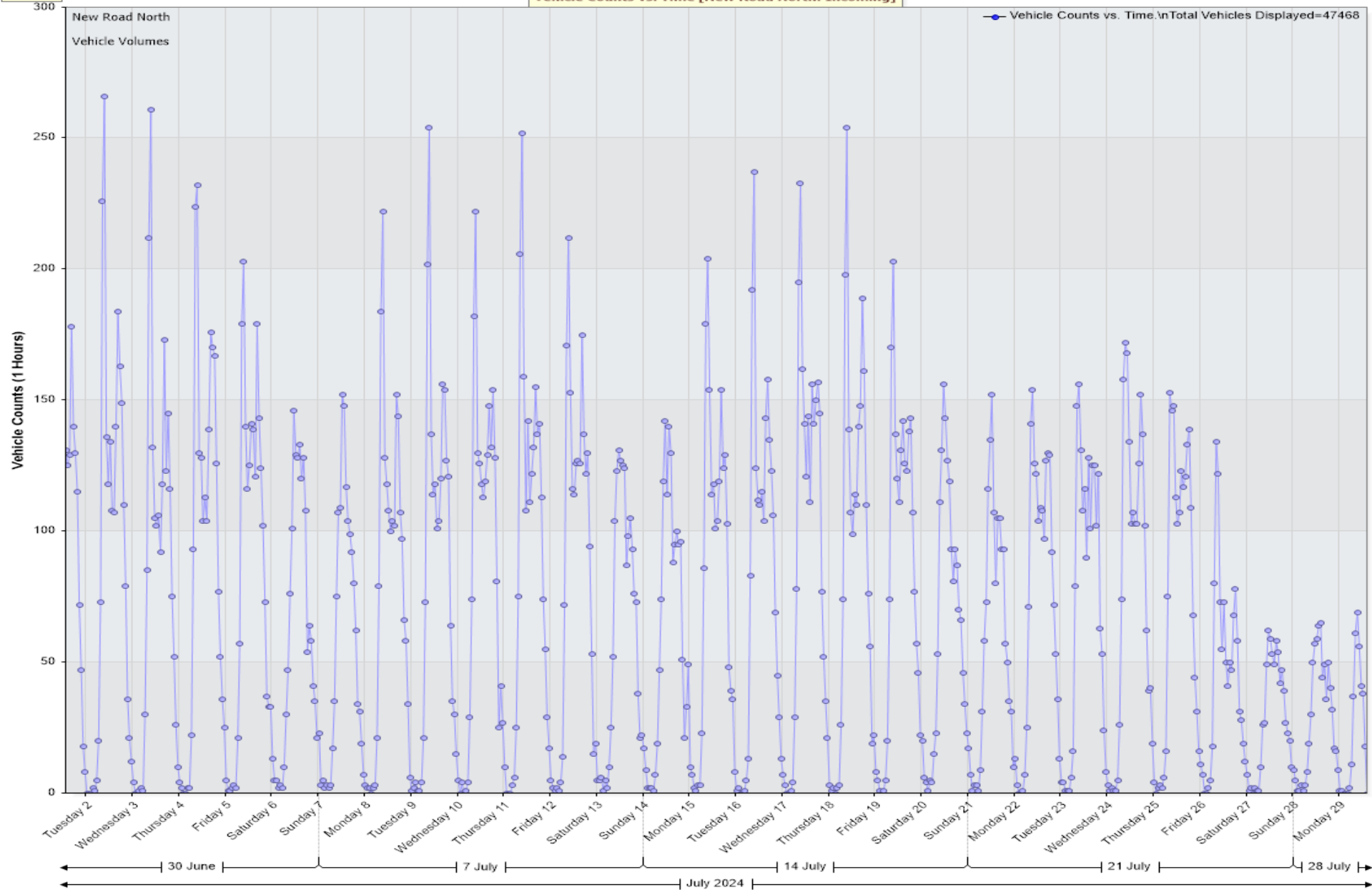
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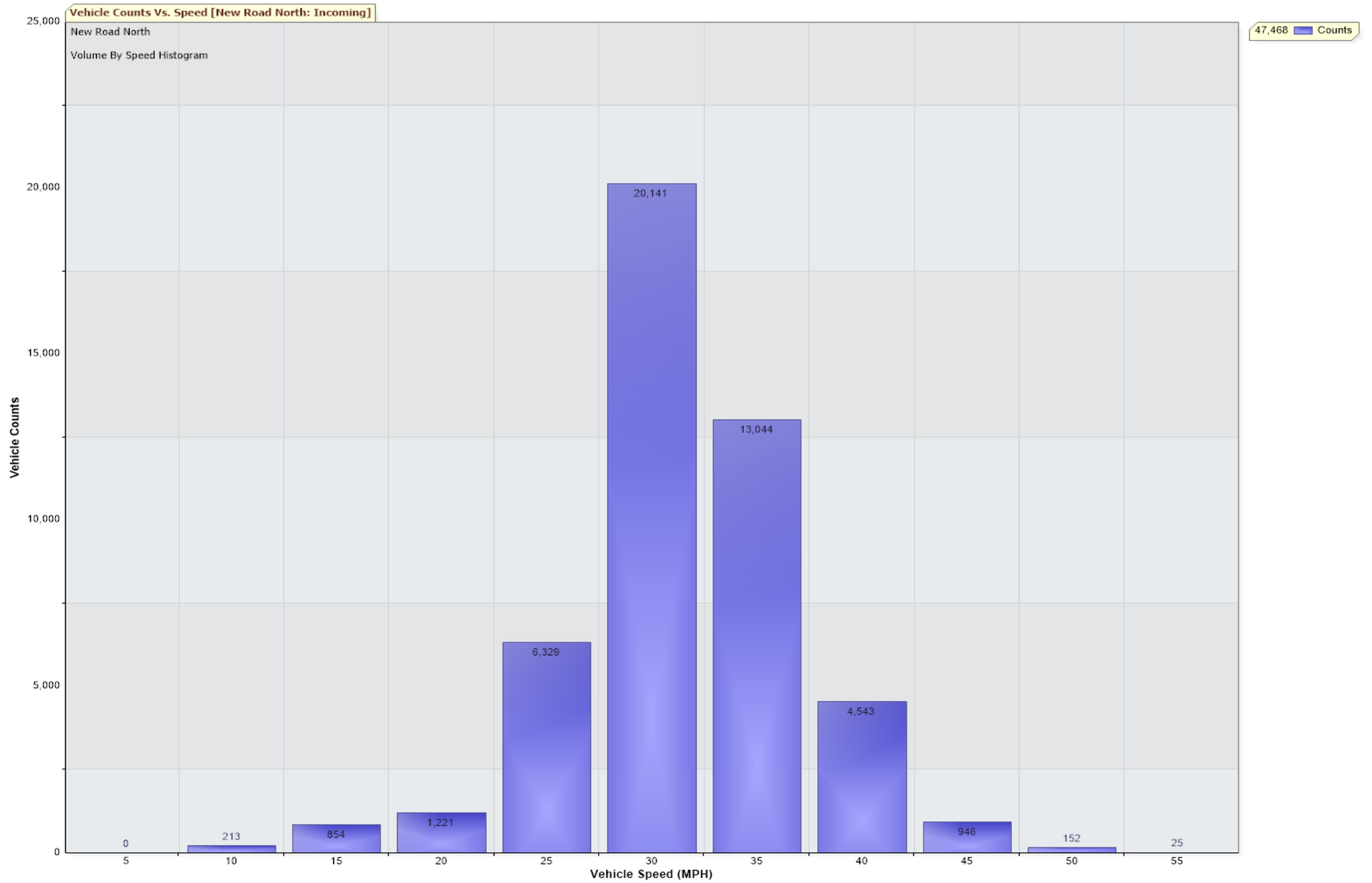
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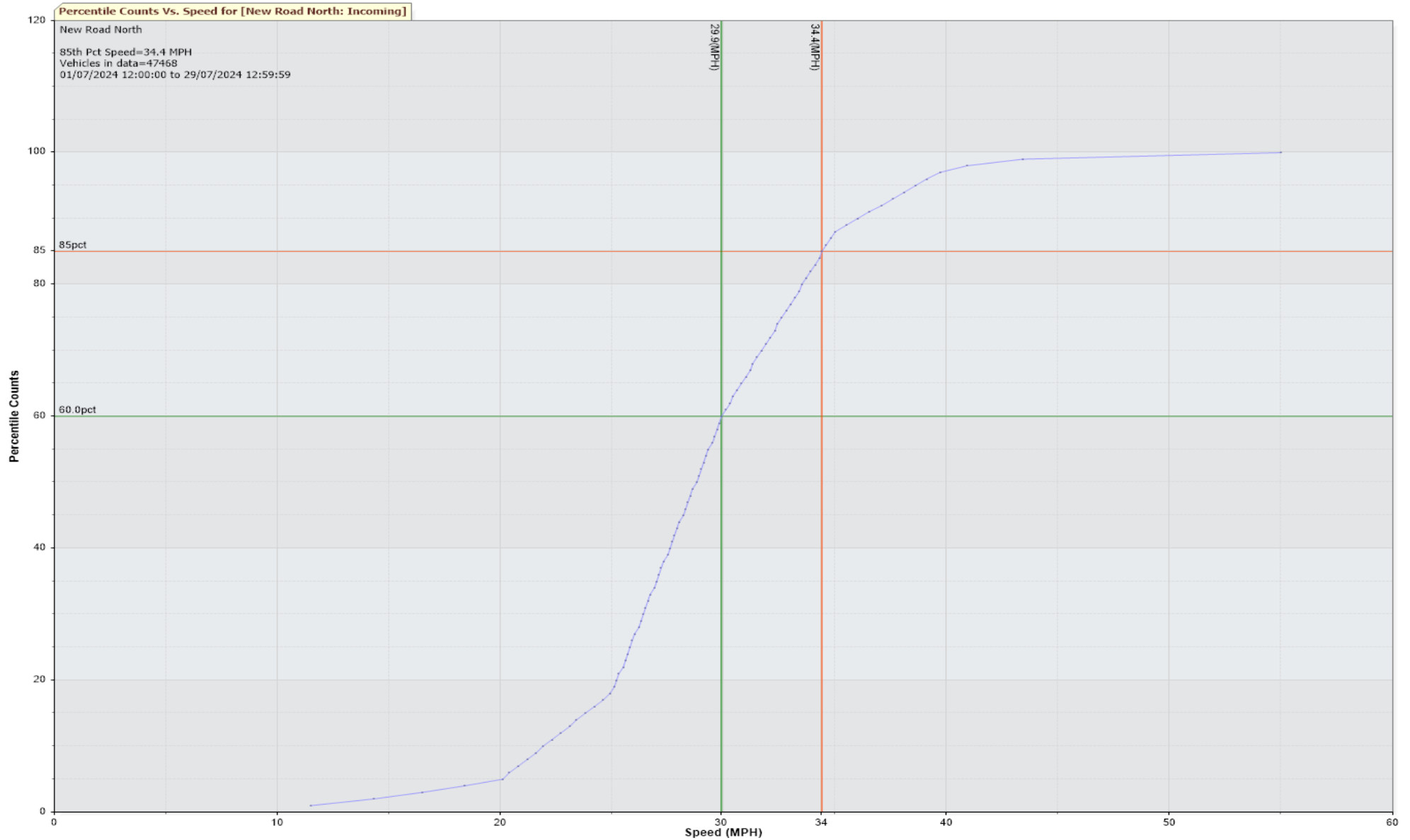
Zoom help

Vehicle Counts vs. Time [New Road North: Incoming]









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