

TRAFFIC ANALYSIS REPORT FOR AUGUST 2024

1. Southam Lane West

This month saw an average of 2458 cars per day. The average speed of motorized vehicles was 29.9 mph. 85% of all vehicles were travelling slower than 35.2 mph. The worst speeding event we had occurred at 9:00 pm on the 3rd August 2024 when a vehicle was recorded travelling at 70 mph coming into the village passing the entrance to Manor Courtyard. Traffic is travelling eastwards on Southam Lane. There is no rain correction in this data.

For Project: Southam Lane West
Report Generated: 06/12/2024 12:40:40 PM
Speed Intervals = 5 MPH

Traffic Report From 01/08/2024 06:00:00 PM through 29/08/2024 05:59:59 PM

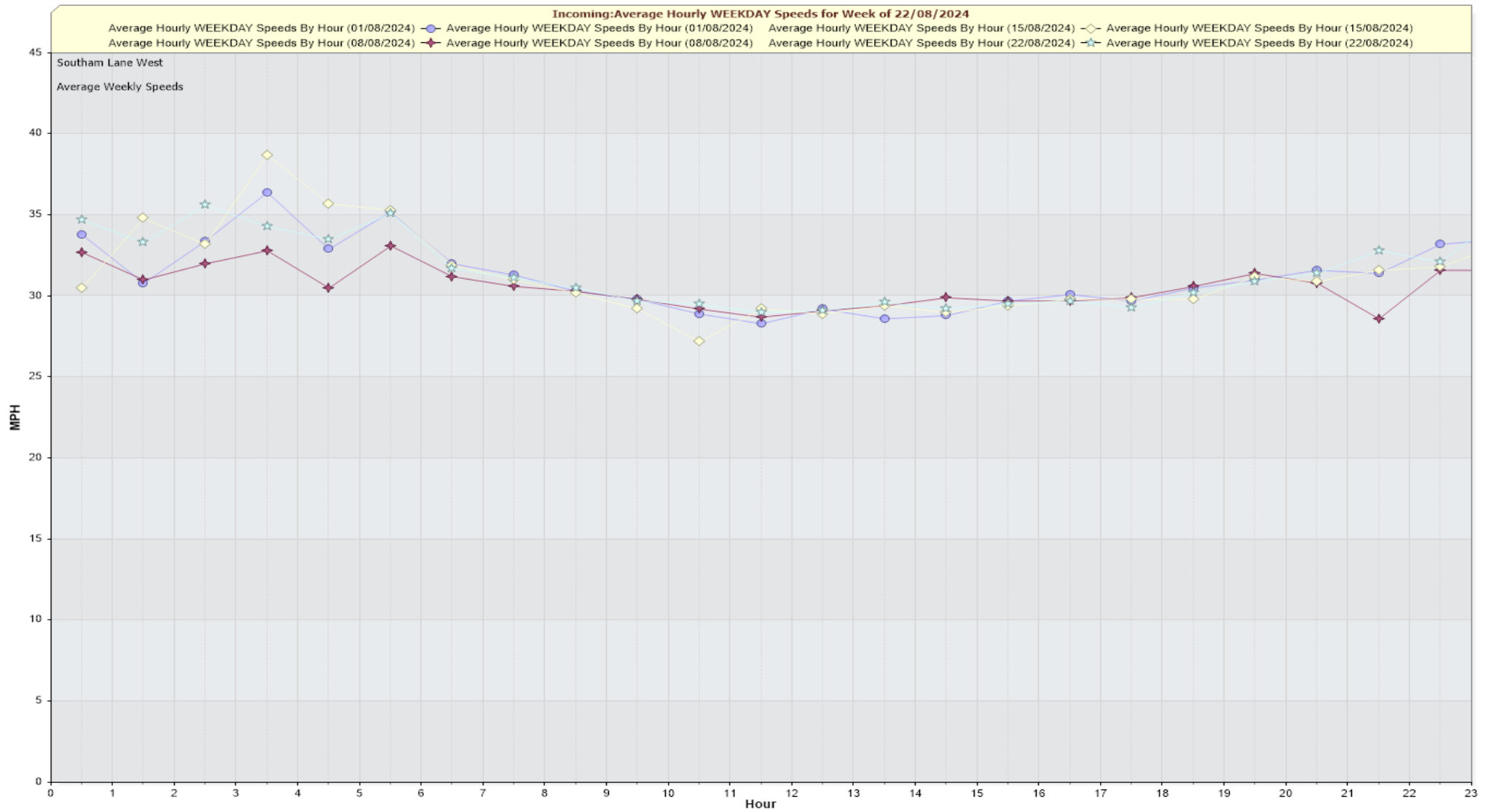
85th Percentile Speed = 35.2 MPH
85th Percentile Vehicles = 58,491 counts
Max Speed = 70.0 MPH on 03/08/2024 21:00:00
Total Vehicles = 68,813 counts
AADT: 2457.6

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,504	2,379
AM Peak	11:00 to 12:00	187	199
PM Peak	05:00 to 06:00	231	205

Speed

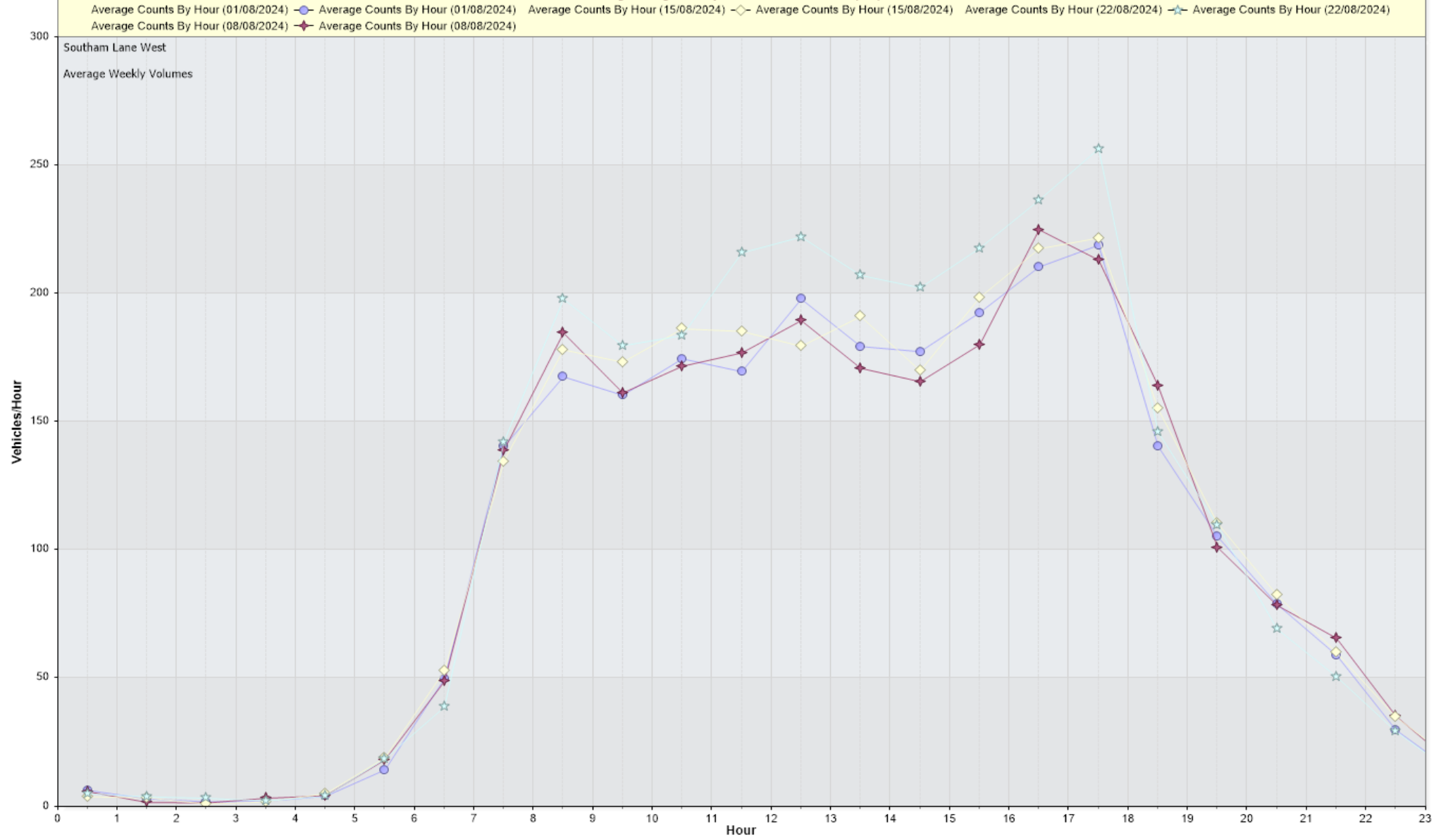
Speed Limit: 30 MPH
85th Percentile Speed: 35.2 MPH
50th Percentile Speed: 29.5 MPH
10 MPH Pace Interval: 25.0 MPH to 35.0 MPH
Average Speed: 29.9 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	4365	4916	4860	4901	4740	4148	3810
% over limit	46.5	44.0	45.3	45.2	46.8	48.0	48.1
Avg Speeder	34.6	34.7	34.6	34.7	34.7	34.8	34.5



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.

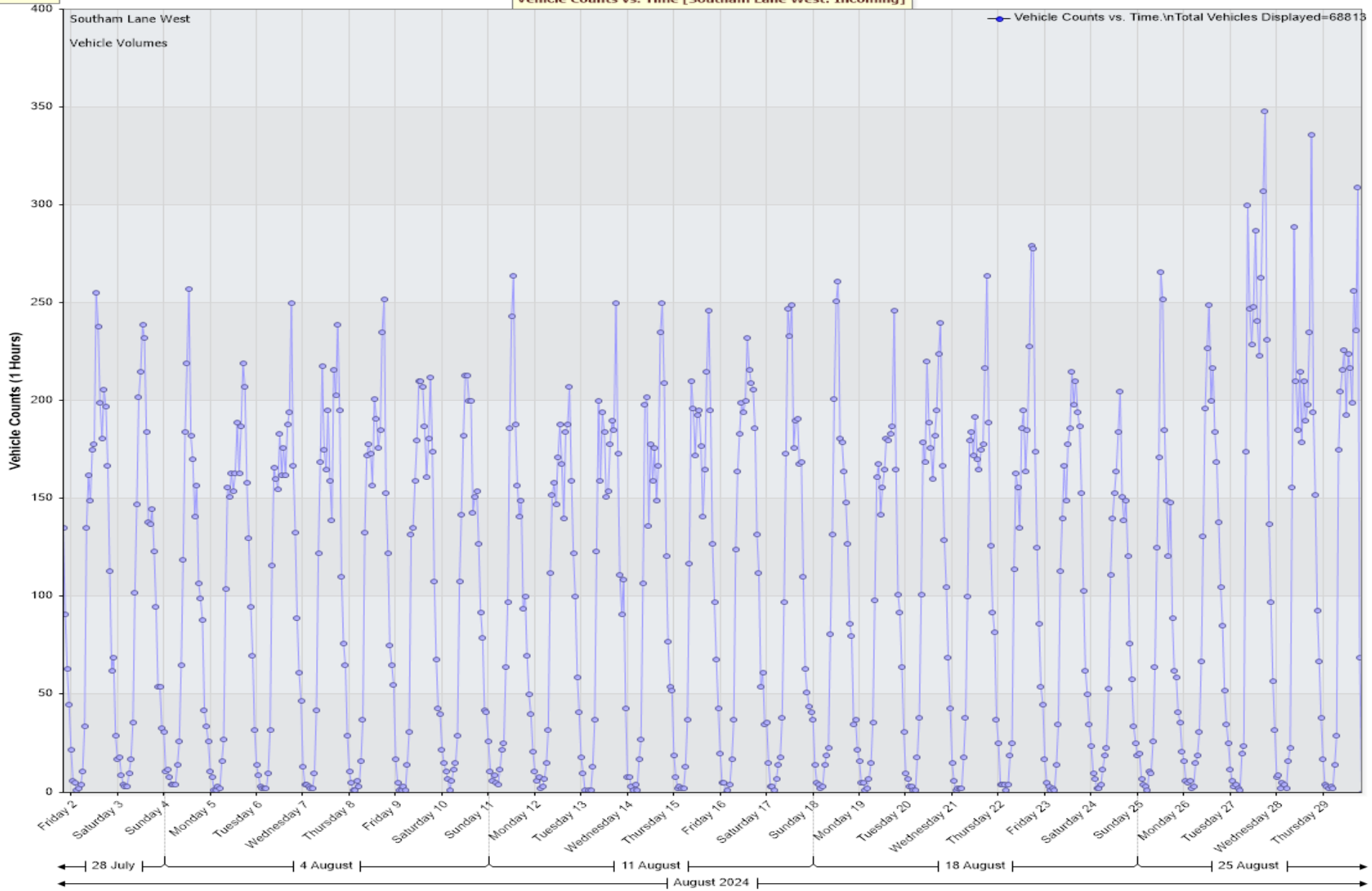
Incoming: Average Hourly Volume for Week of 22/08/2024

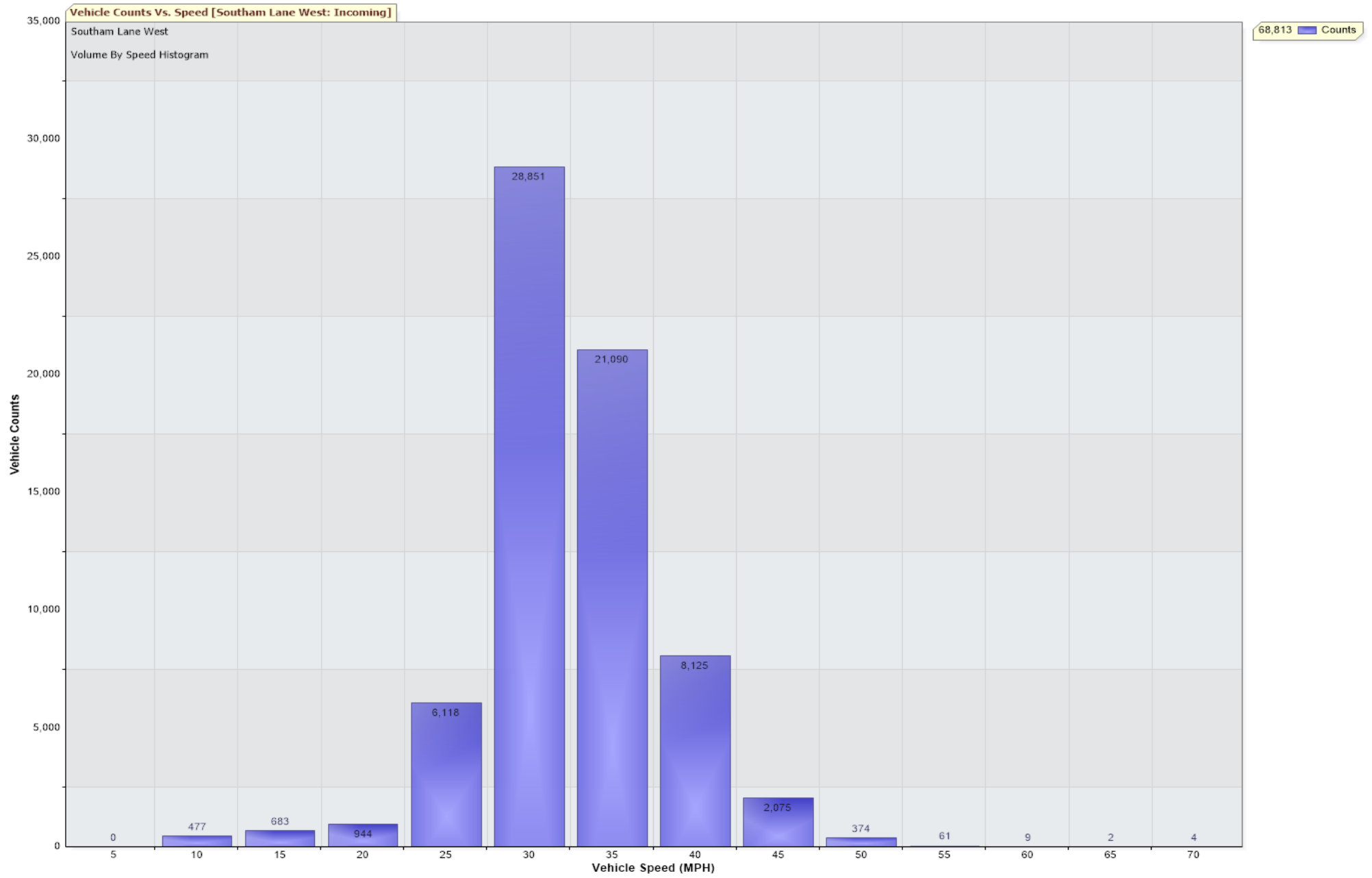


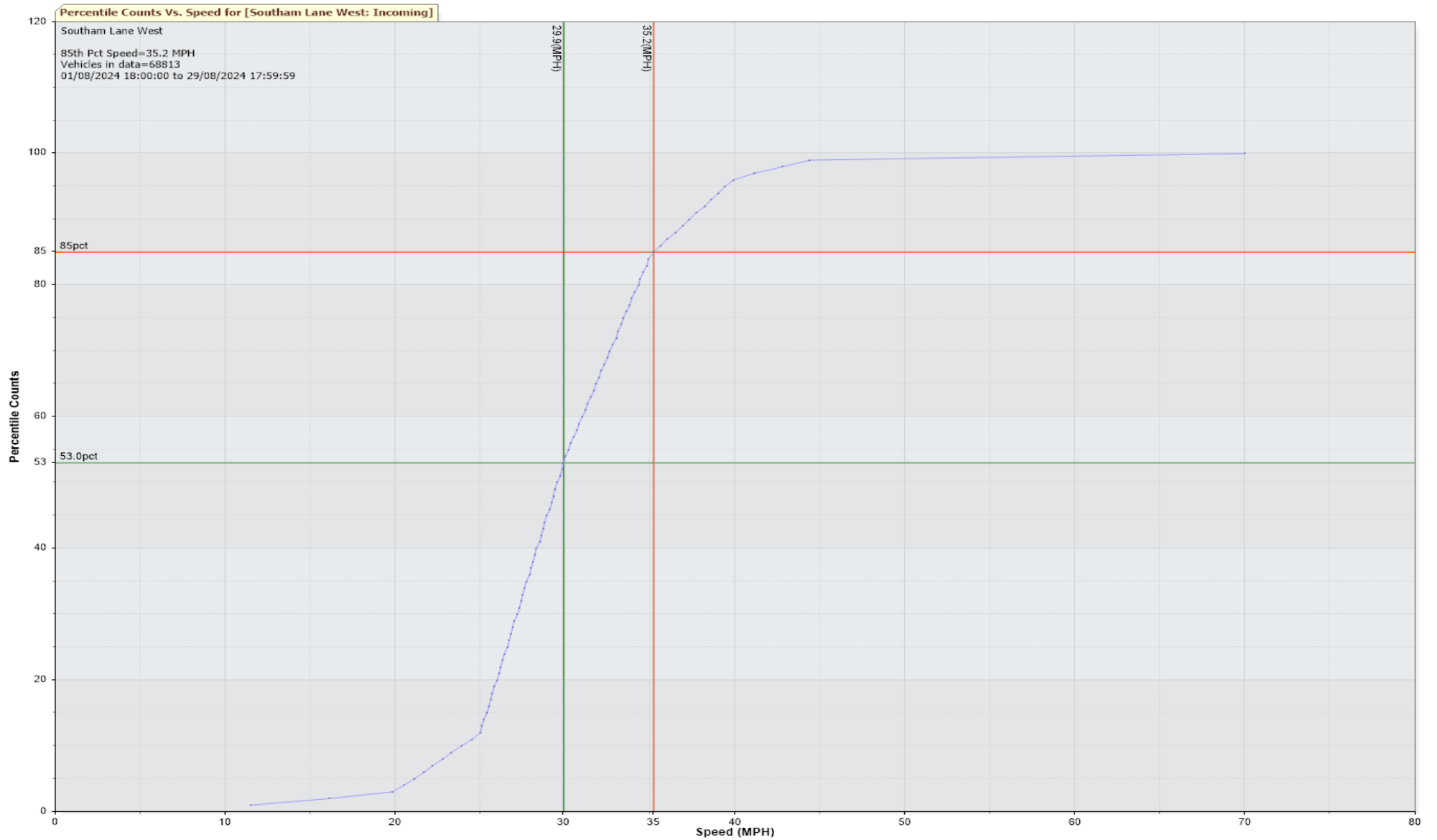
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures.

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 2357 cars per day. The average speed of motorized vehicles was 27.2 mph. 85% of all vehicles were travelling slower than 31.7 mph. The worst speeding event we had occurred at 9:50 pm on the 3rd August 2024 when a vehicle was recorded travelling at 60 mph through the village. Traffic is travelling westwards towards the bus stop in Southam on Southam Lane. No rain correction has been applied

For Project: SouthamLaneEast2
 Projects Notes/Address: Outside Jeffs
 Report Generated: 07/12/2024 09:19:48 PM
 Speed Intervals = 5 MPH

Traffic Report From 01/08/2024 09:00:00 PM through 29/08/2024 06:59:59 PM

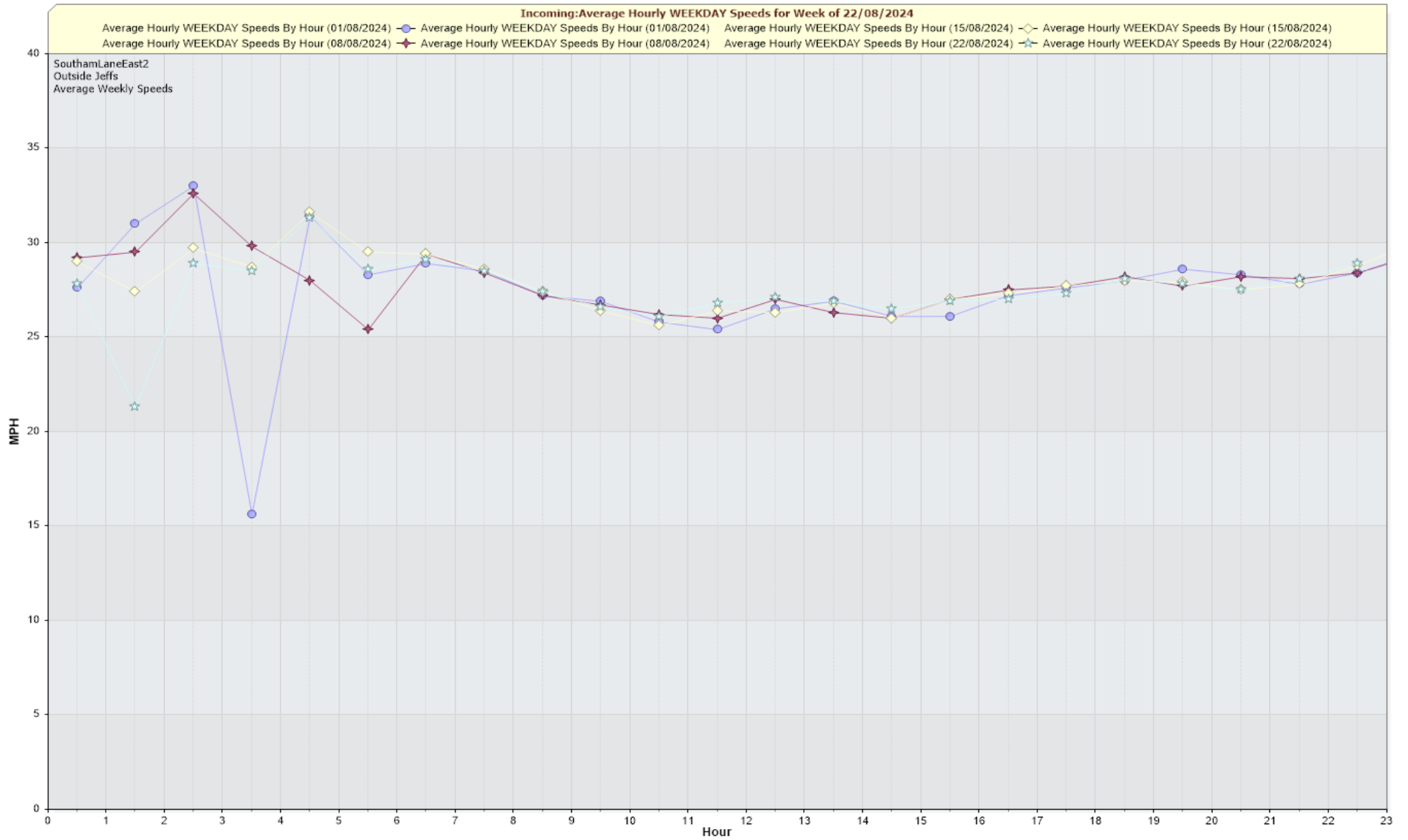
85th Percentile Speed = 31.7 MPH
 85th Percentile Vehicles = 55,920 counts
 Max Speed = 60.0 MPH on 03/08/2024 21:50:00
 Total Vehicles =65,788 counts
 AADT: 2356.6

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		2,418	2,276
AM Peak	08:00 to 09:00	205	185
PM Peak	04:00 to 05:00	220	196

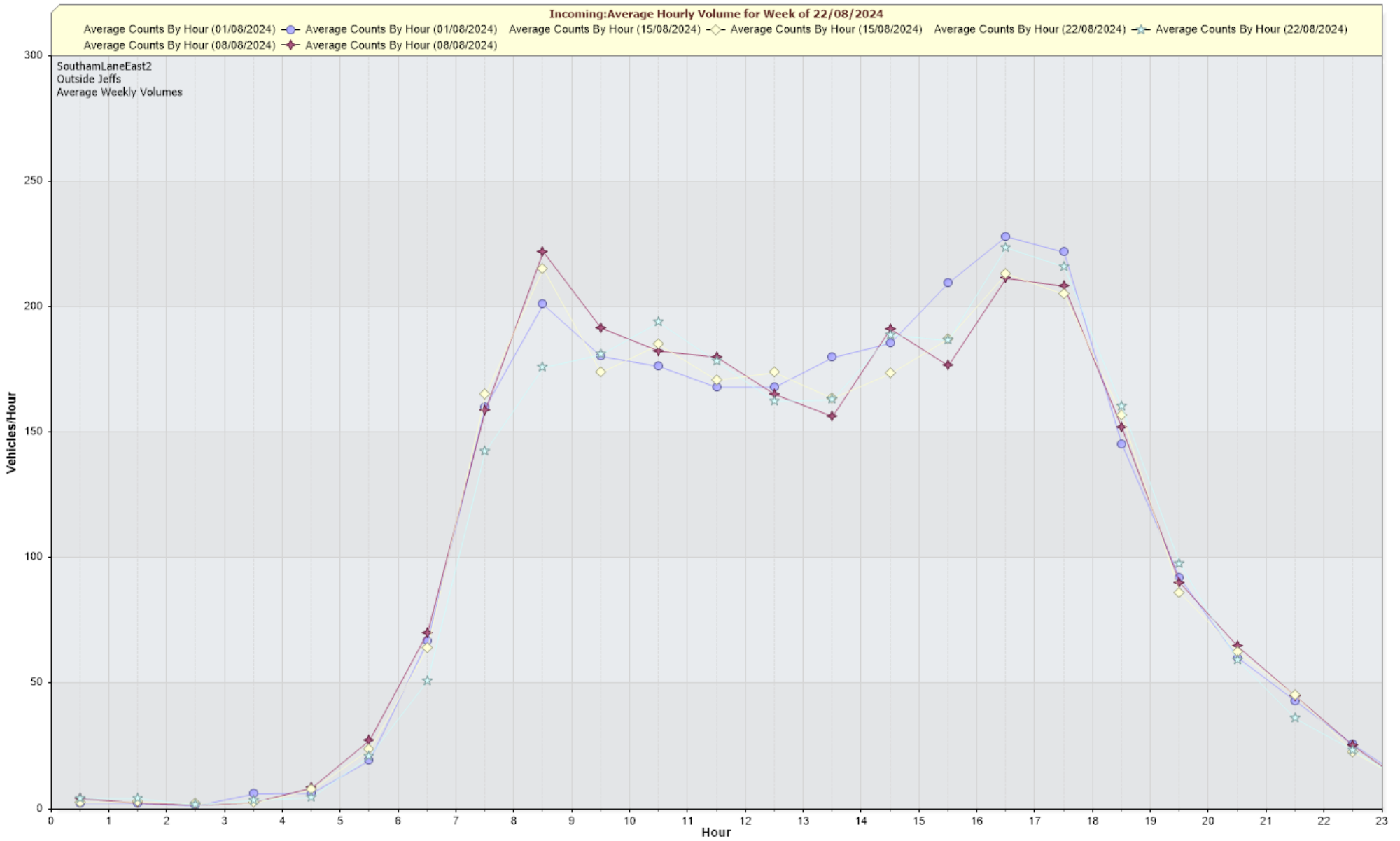
Speed

Speed Limit: 30 MPH
 85th Percentile Speed: 31.7 MPH
 50th Percentile Speed: 27.3 MPH
 10 MPH Pace Interval: 20.0 MPH to 30.0 MPH
 Average Speed: 27.2 MPH

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1854	2160	2252	1987	2288	1634	1689
% over limit	19.7	20.5	21.9	19.5	22.9	20.6	22.7
Avg Speeder	33.4	33.3	33.3	33.4	33.4	33.6	33.4



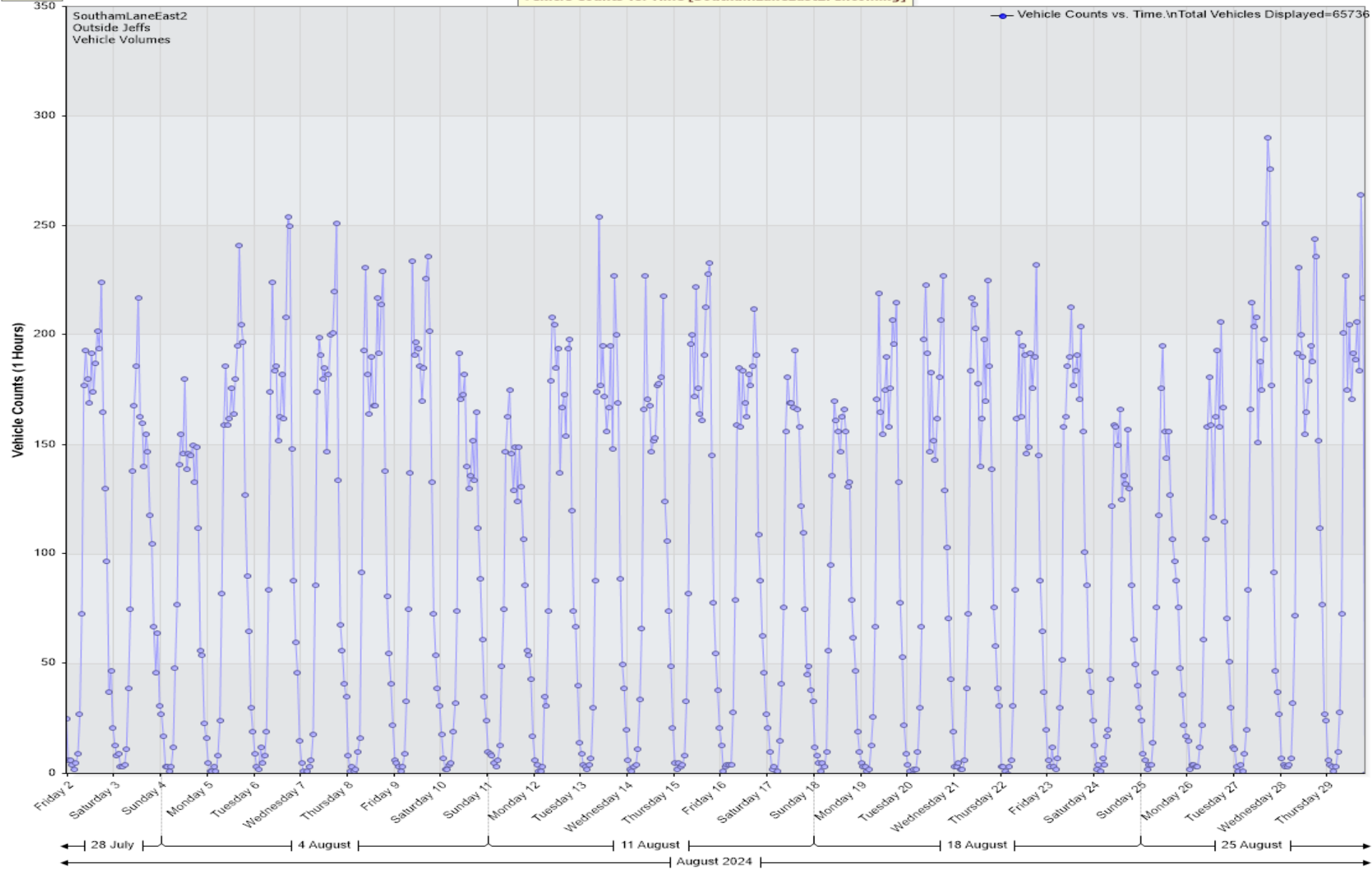
This graph shows the vehicle speeds averaged over a week, plotted by hour. It shows that the highest average vehicle speeds occur in the early morning and the late evening.

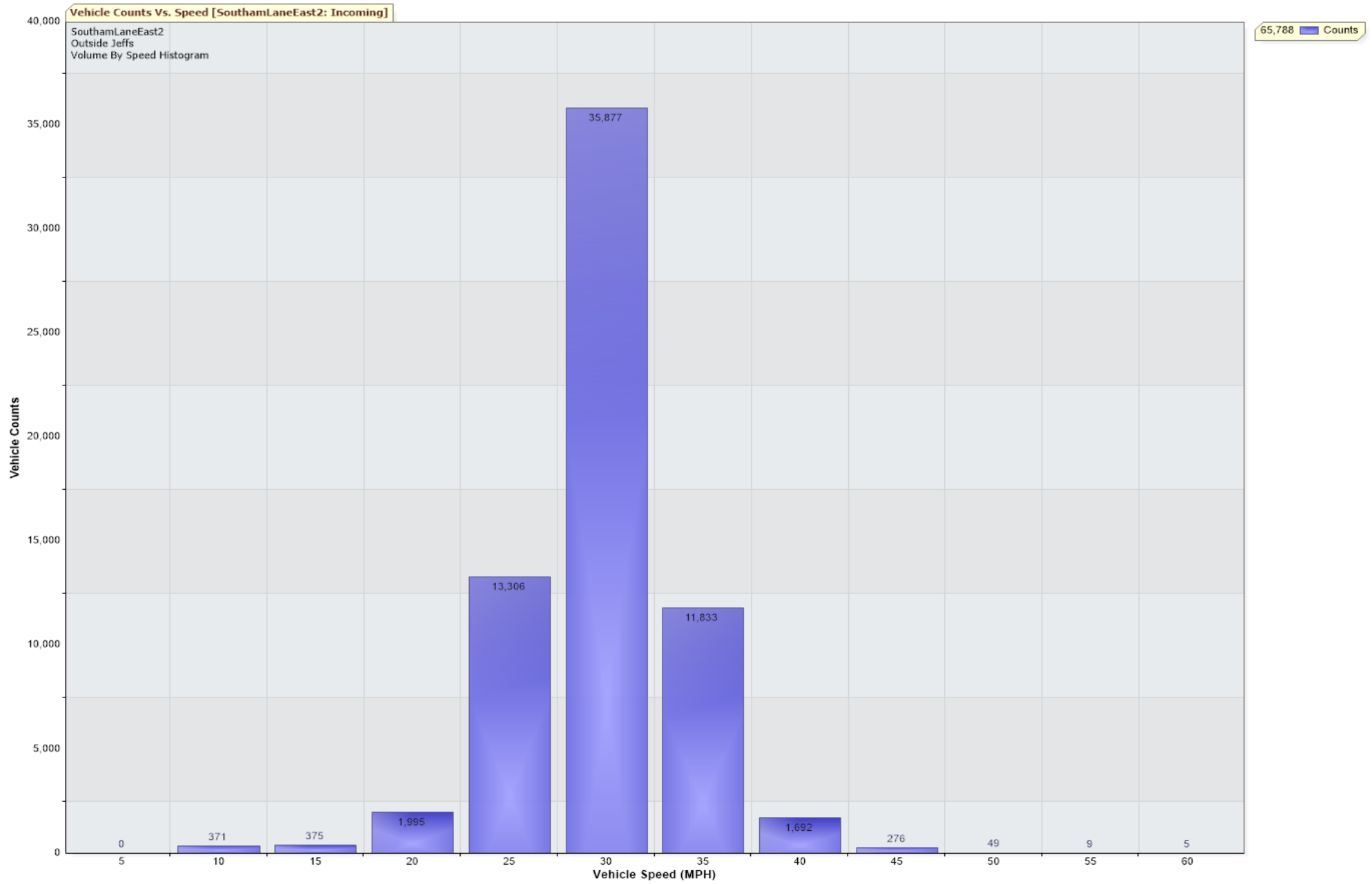


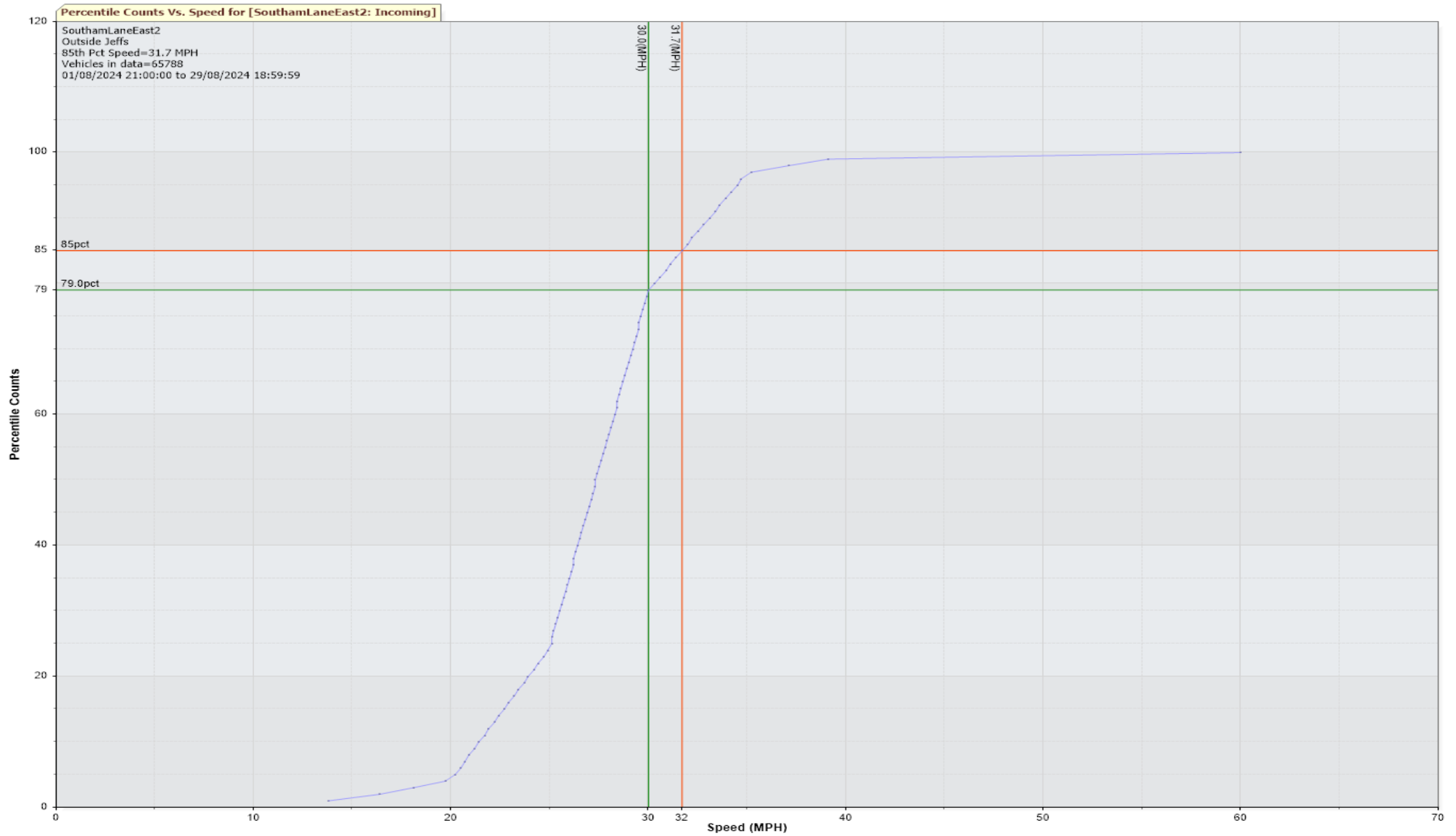
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

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 1701 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 2:00 am on the 19th August 2024 when a vehicle was recorded travelling at 60 mph coming into the village. Traffic is travelling southwards on New Road. No rain correction required.

For Project: New Road North
Report Generated: 07/12/2024 09:39:39 PM
Speed Intervals = 5 MPH

Traffic Report From 01/08/2024 12:00:00 PM through 29/08/2024 01:59:59 PM

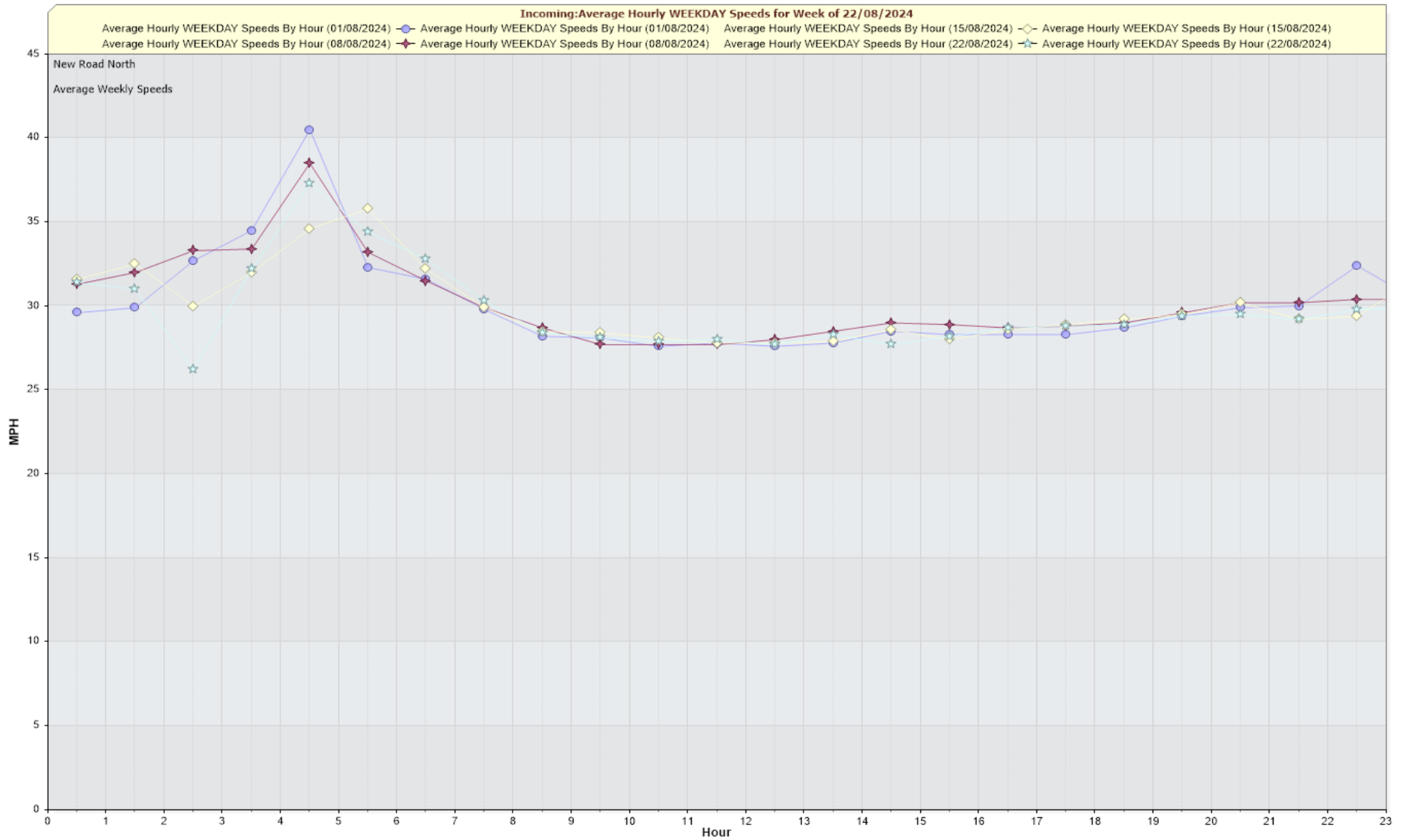
85th Percentile Speed = 34.4 MPH
85th Percentile Vehicles = 40,596 counts
Max Speed = 60.0 MPH on 19/08/2024 02:00:00
Total Vehicles = 47,760 counts
AADT: 1700.7

Volumes - weekly vehicle counts	Time	5 Day	7 Day
Average Daily		1,750	1,651
AM Peak	08:00 to 09:00	169	142
PM Peak	04:00 to 05:00	135	125

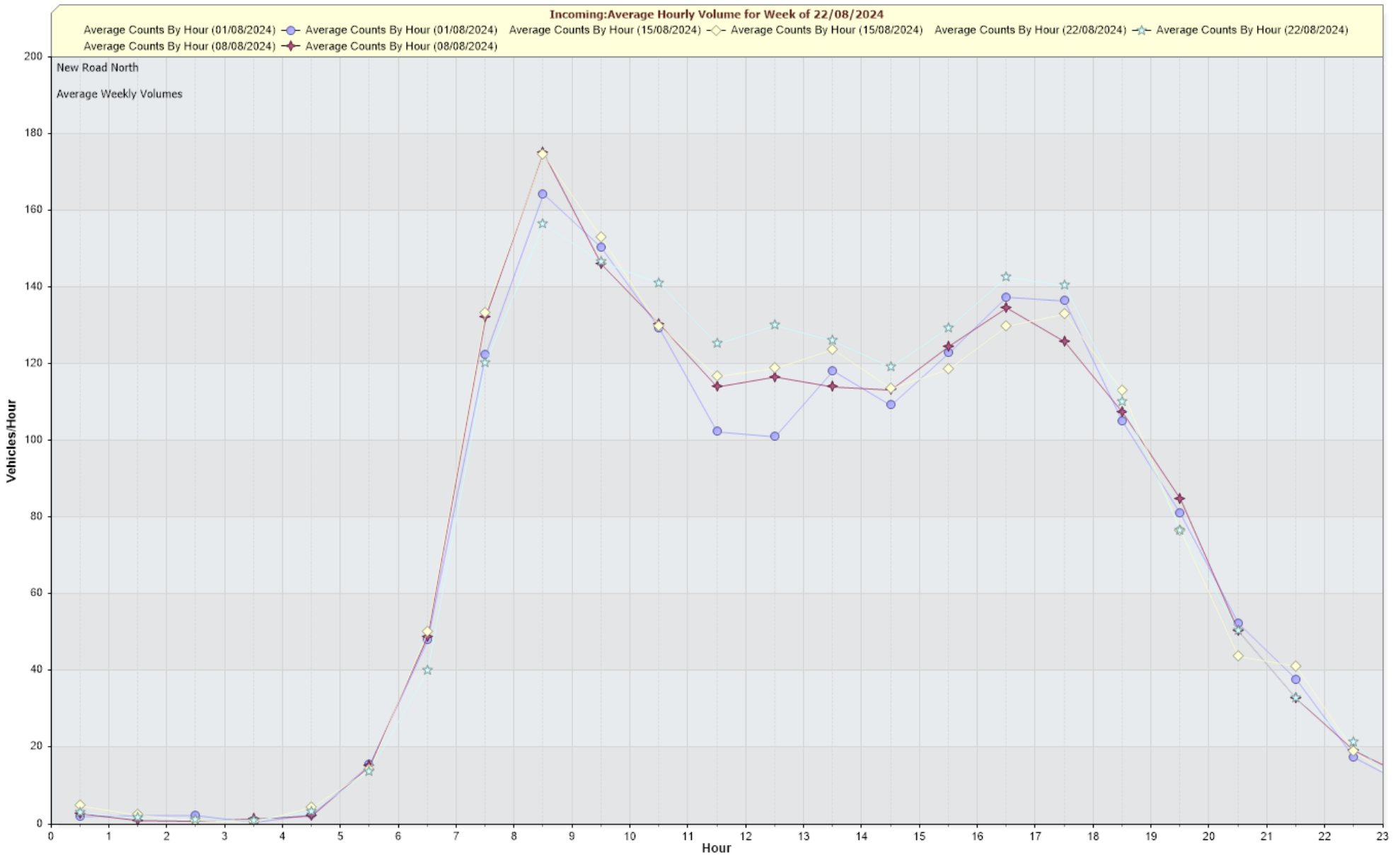
Speed

Speed Limit: 30 MPH
85th Percentile Speed: 34.4 MPH
50th Percentile Speed: 28.7 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	2526	2833	2759	2735	2782	2477	2240
% over limit	38.8	37.8	36.5	36.0	37.7	41.4	42.8
Avg Speeder	34.5	34.4	34.4	34.5	34.4	34.3	34.4



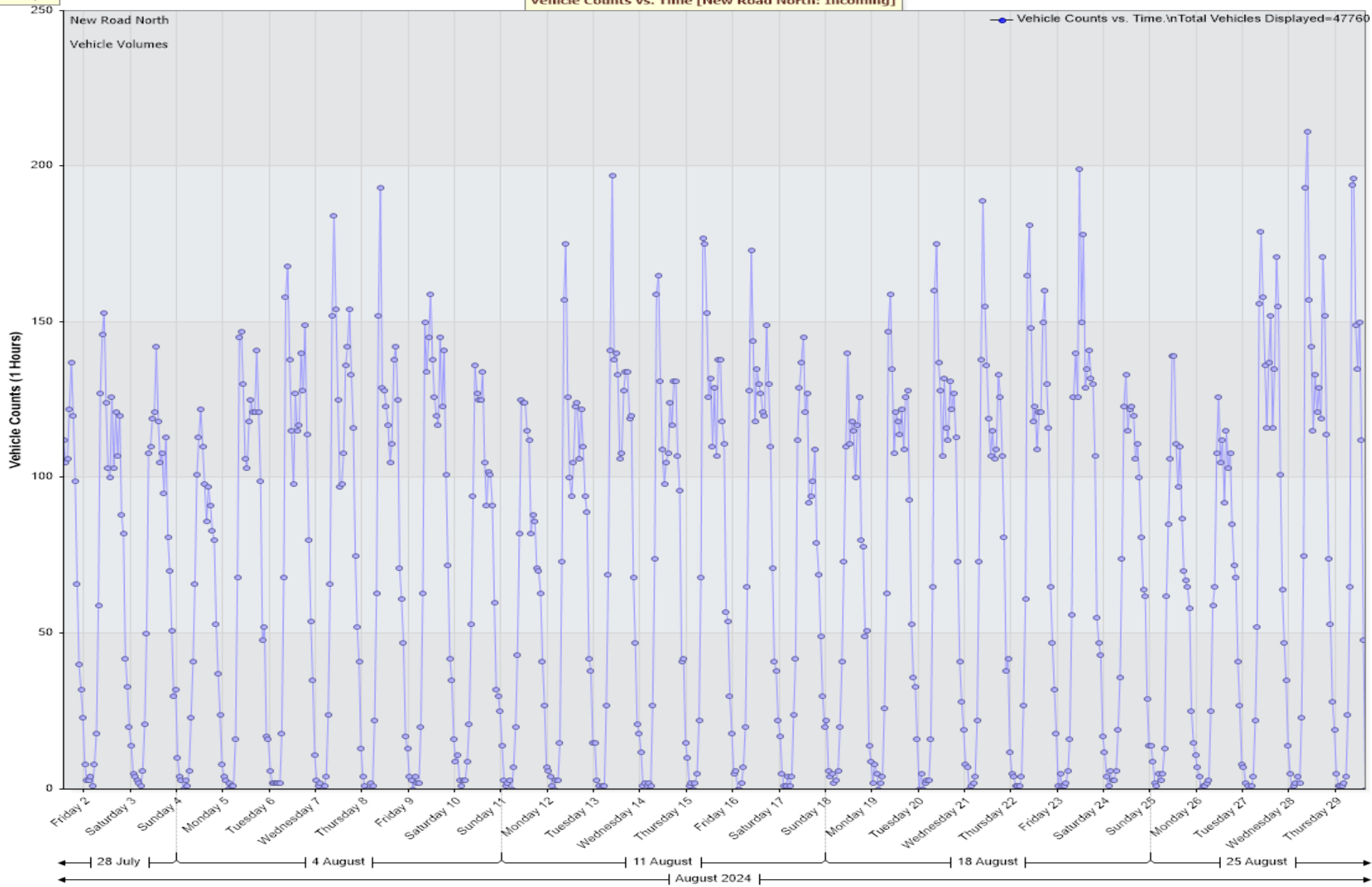
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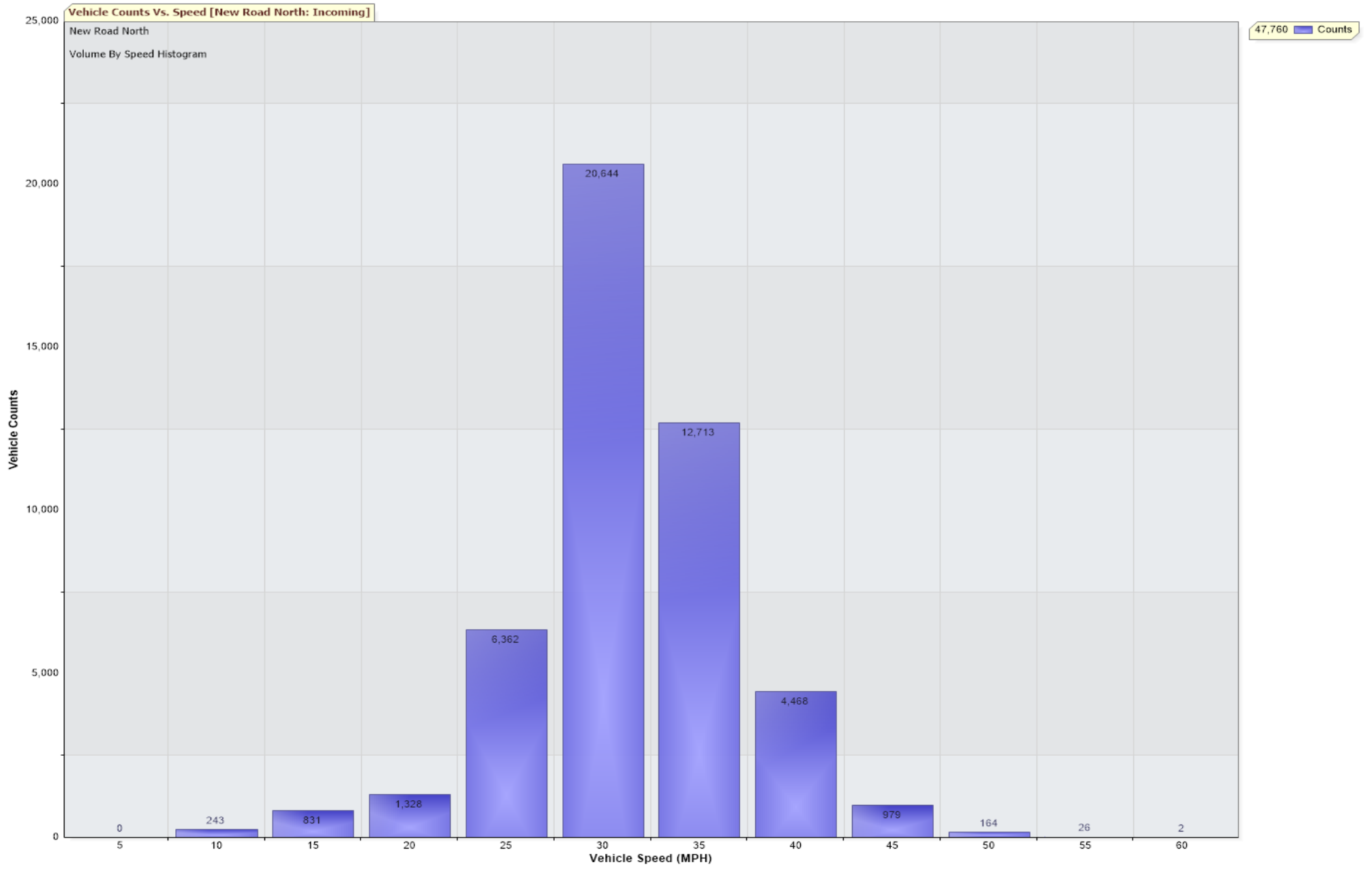


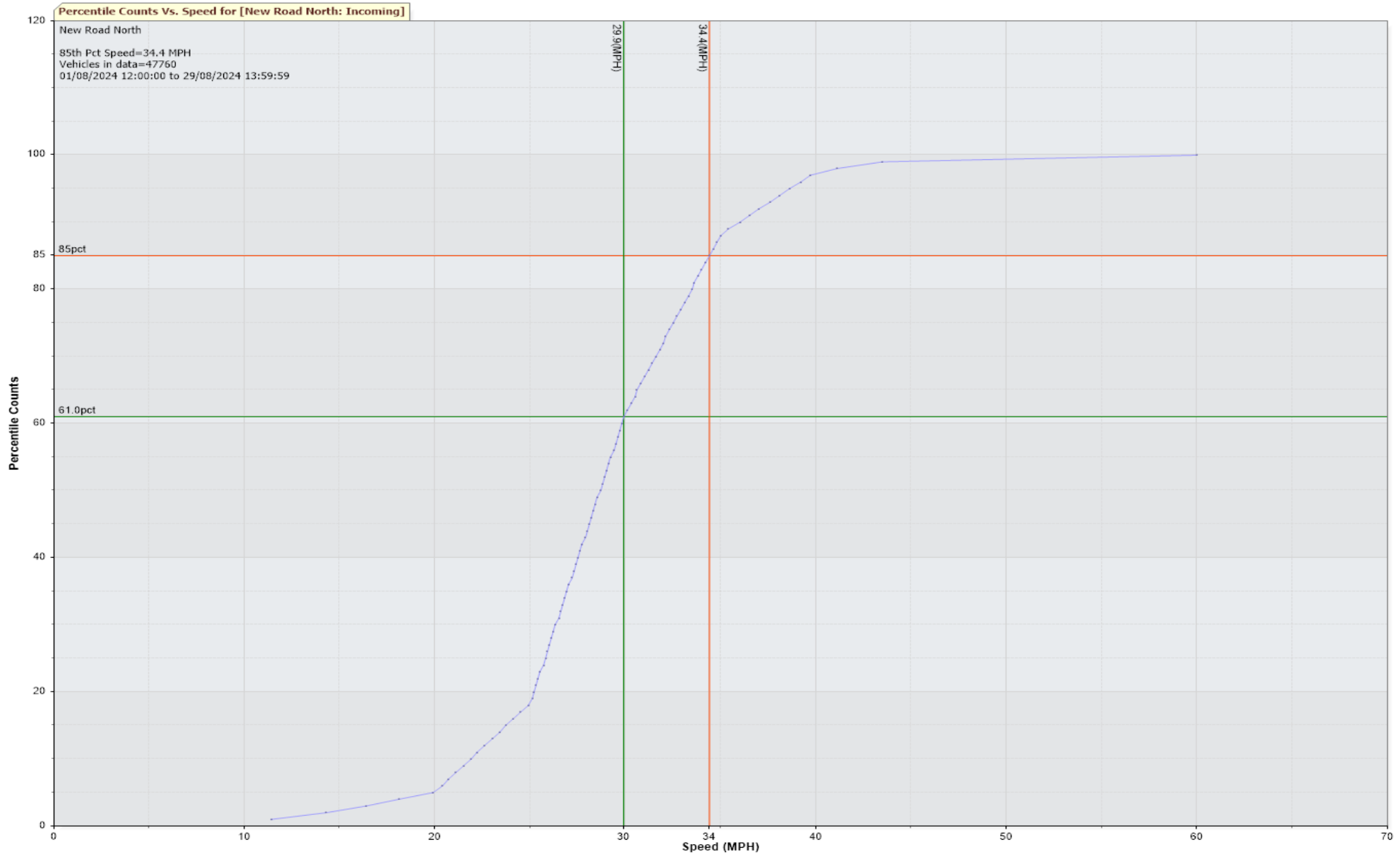
This graph shows the volume of traffic by the hour through the day, each trace represents the average over a weeks' worth of traffic volume figures

Zoom help

Vehicle Counts vs. Time [New Road North: 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.