

Gargrave Parish Council Traffic Data – Eshton Road For Period 10th July to 16th August 2023

The Parish Council is committed to reducing speed within the village.

The data shown is for the period of 5 weeks and 5 days (37 Days in total) between 10th July to 16th August 2023 which, has been collected from the Vehicle Activated Sign (VAS) approved by North Yorkshire Council. The VAS sign was deployed on the junction of Chew Lane and Eshton Road approaching Gargrave from Eshton - Malham direction with the speed limit being 30 mph.

During this period the vehicle count was **29,462 vehicles** with the daily average being 796 vehicles per day. The average speed during this period was **25.78 mph** and the highest speed recorded **was 60mph** at 20:50 on the 19th July.

During this period there were **25,043** vehicles that exceeded the 30mph speed limit and this counts for **85%** of vehicles with the average speed recorded at **31.1mph** which is the 85th percentile. This is the figure the Police and other authorities will use when considering changes to the speed limit and possible road layout.

TRAFFIC ANALYSIS

REPORT

For Project:	Eshton Road 10 July - 16 August 2023		
Project Notes:	Deployed for a period of 5 weeks (37 days)		
Location/Name:	Incoming Direction		
Report Generated:	08/16/2023 10:39		
Speed Intervals	5 MPH		
Time Intervals	5		
Traffic Report From	07/10/2023 10:30:00	through	08/16/2023 09:55:00
85th Percentile Speed	31.1 MPH		
85th Percentile Vehicles	25043		
Max Speed	60 MPH	on	07/19/2023 20:50:00
Total Vehicles	29462		
AADT:	796		

Volumes -

weekly counts

Time	5 Day	7 Day
Average Daily	815	777
AM Peak	68	66
PM Peak	86	80

Speed

Speed Limit:	30						
85th Percentile Speed:	31.1						
Average Speed:	25.78						
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	129	156	140	172	124	106	87
% over limit	2.9	3.3	3.4	4	2.5	3.1	2.6
Avg Speeder	38.2	38.2	38.5	38.1	38.4	38.4	38.1

Figure 1: Incoming Summary

The above figure shows a snapshot of the data retrieved from the VAS sign.

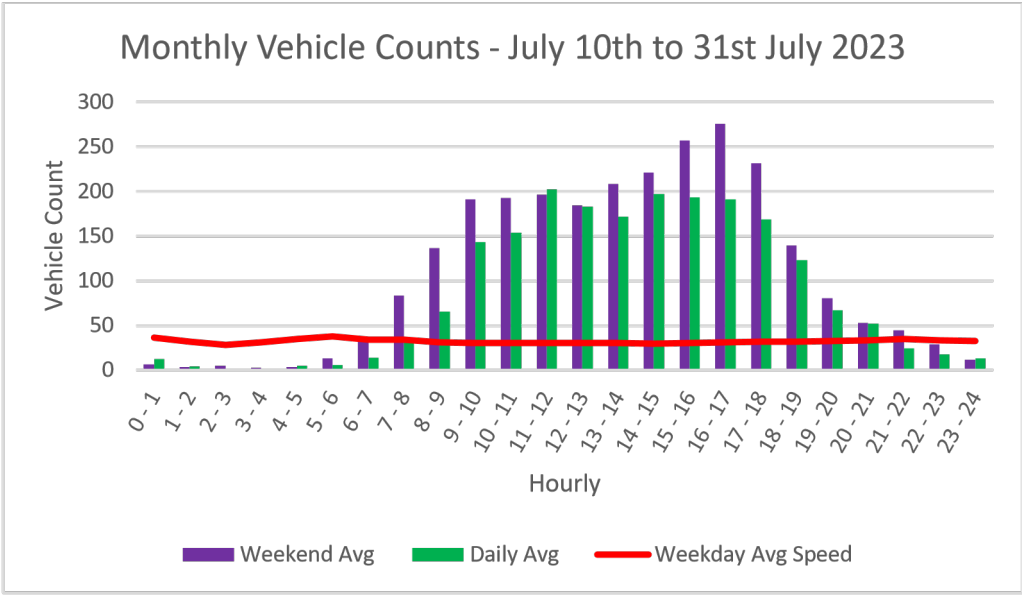


Figure 2: Incoming Monthly Count for July

The red line above shows average speed.

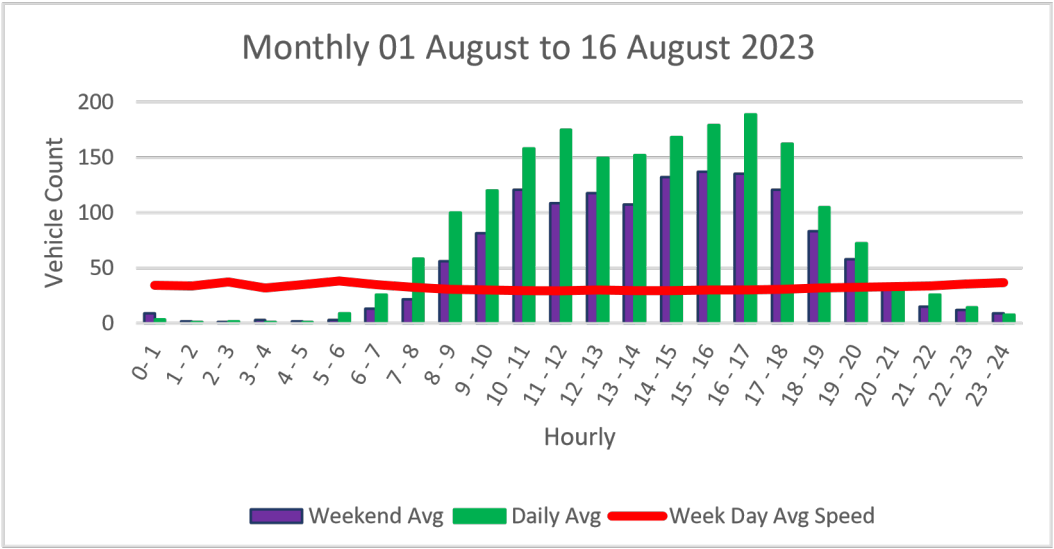


Figure 3: Incoming Monthly Count for August

The red line above shows average speed.

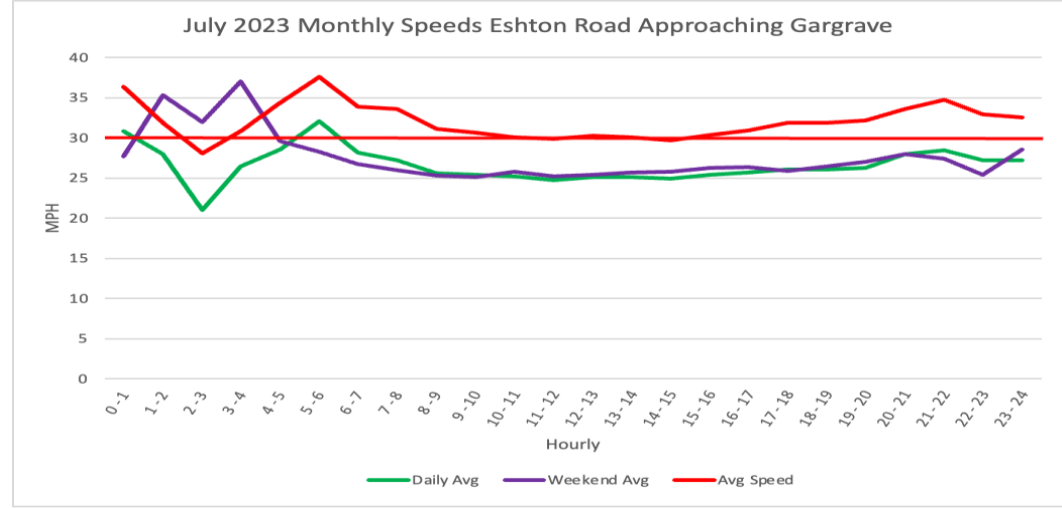


Figure 4: Incoming Monthly Speeds

The 85th percentile speed is the speed at or below which 85 percent of the drivers travel on a road segment.

The following charts show the 85th Percentile Speeds which is what the Police and Authorities would use to change road layouts, reduce speed limits, and deploy Traffic Enforcement.

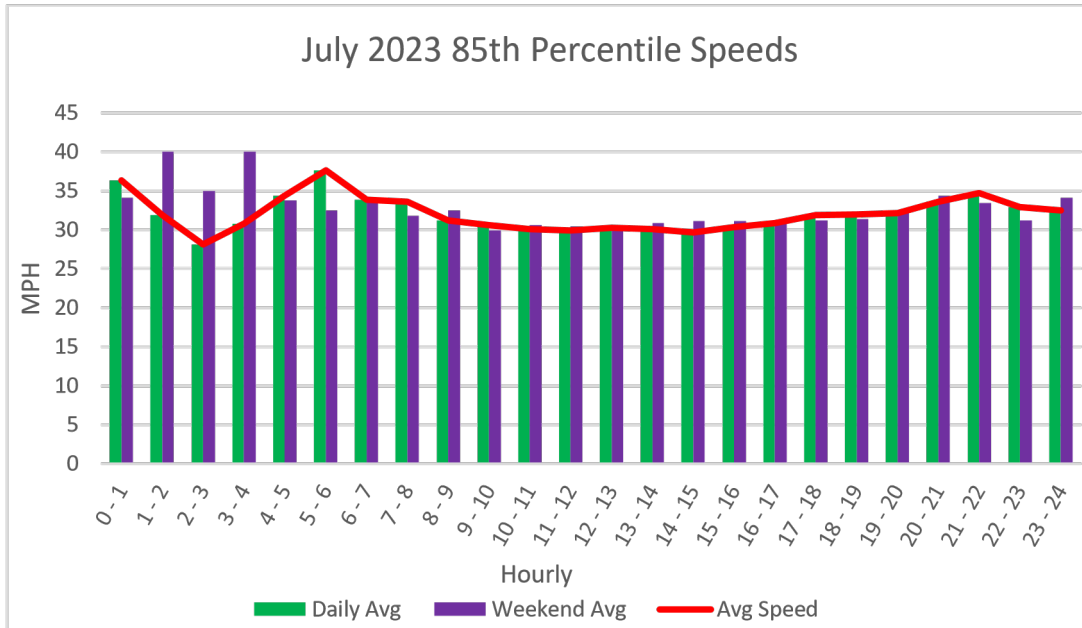


Figure 5: July 2023 85th Percentile

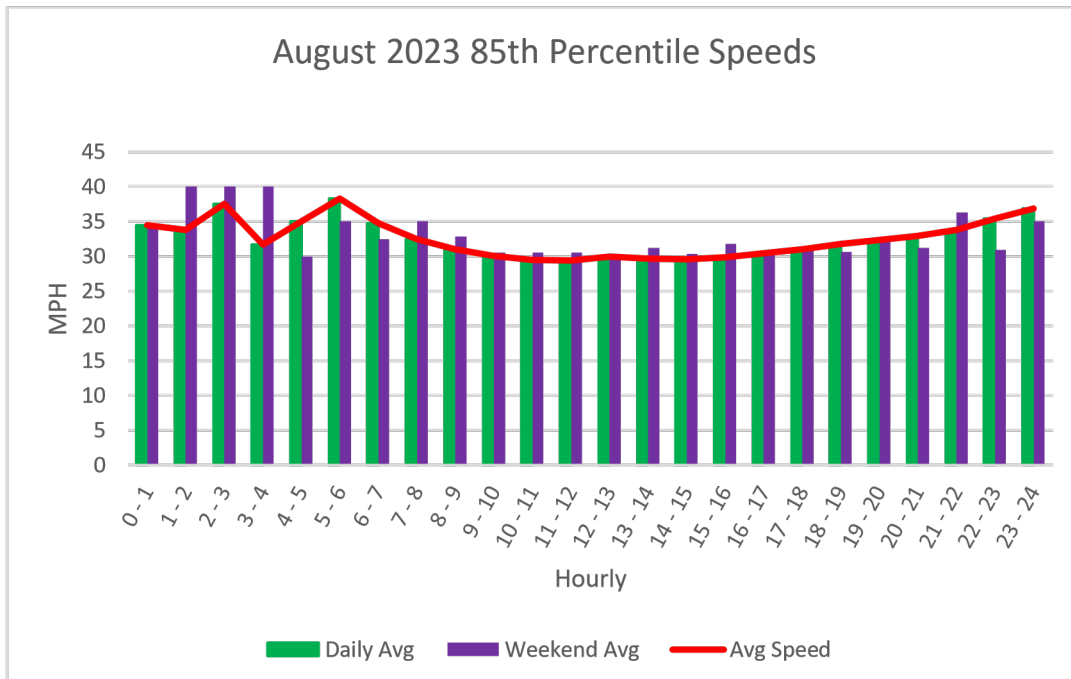


Figure 6: August 2023 85th Percentile