

REPORT ON SPEED WARNING DEVICE DATA MAY 2022

Introduction

The speed warning device was fitted at lunchtime on the 6th May 2022, therefore the data considered in this report covers only a 3 week period. This report provides headline data for the period.

The devices activate at 500ft, (153m) for incoming traffic. This allows our devices to activate at a distance that provides drivers plenty of opportunity to slow down prior to passing the 30mph sign on Low Road, though only activates beyond the 30mph sign on Main Street. Data is recorded once the vehicle speed has stabilised to allow for deceleration prior to the speed measurement being collected. For outgoing traffic the sensor activates as soon as the vehicle has passed the device.

Data can be collected at any time. However the software provided allows data collected monthly to be analysed in many combinations, from a 30 minute period on a specific day through to a full month's data. I have chosen for this first report to collect the three week's data for May in a block and analyse it over three time periods.

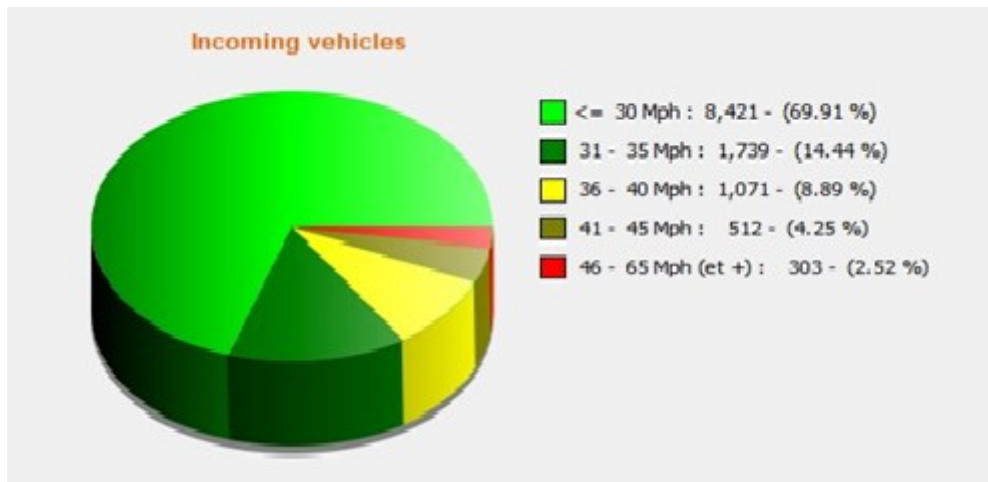
ORCHARD CLOSE.

The majority of the 12,046 vehicles travelling into the village during the month were moving within the speed limit. However, around thirty percent were travelling above the 30 miles per hour. Of particular concern are the 512 vehicles travelling at 41-45mph and the 303 vehicles travelling at 46-65mph or above. The highest recorded speed was at 85mph on 11th May at 23:20.

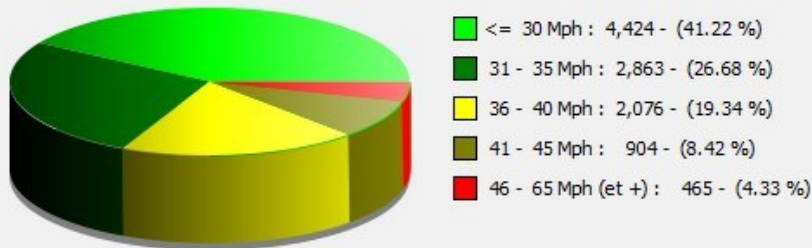
The data showing the speed of traffic for outgoing vehicles suggests that there is a greater issue with traffic travelling out of the village on Low Road. Only a minority of vehicles were moving within the 30mph speed limit with 16% of vehicles travelling at above 36mph. When looking at the number of vehicles, 3,685 were travelling at over 31mph, 1886 were driving at speeds above 36mph and 815 at speeds above 41mph. The highest recorded speed was 74mph on 11th May at 23:13.

When considering the weekly charts, there has been a slow decline in the proportion of vehicles entering the village at the speed limit over the three week period, but this is not of a significant amount.

MONTHLY CHARTS 6th May 2022 to 31st May 2022

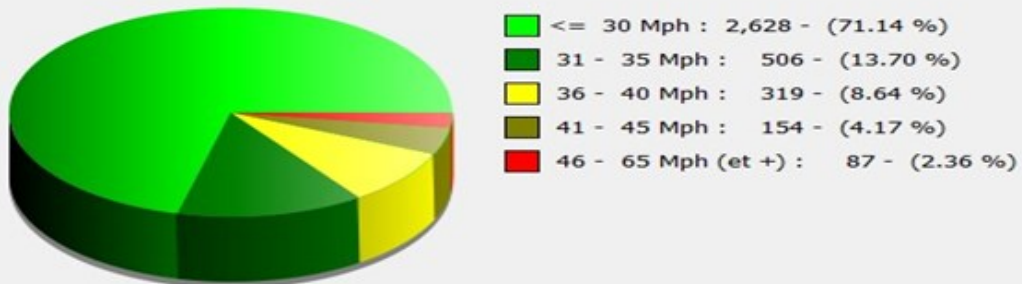


Outgoing vehicles

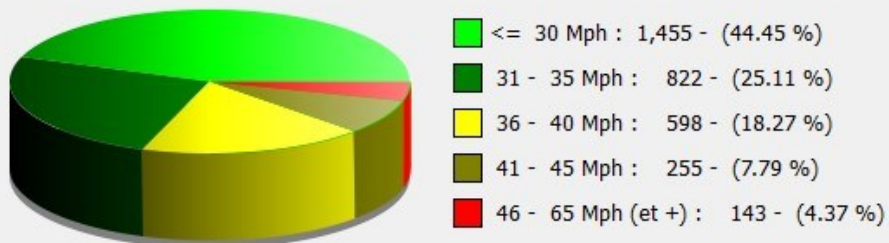


WEEKLY CHARTS 6th – 13th May

Incoming vehicles

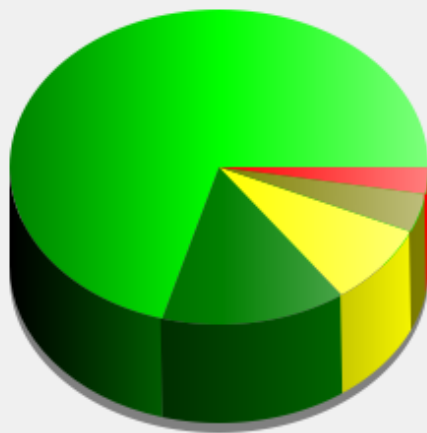







Outgoing vehicles



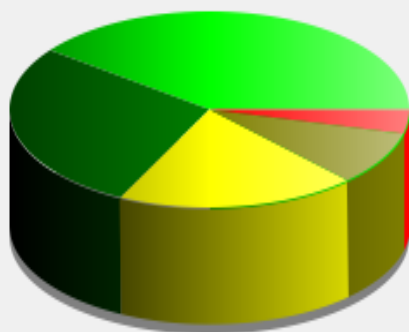
WEEKLY CHARTS 14th to 21st MAY






Incoming vehicles



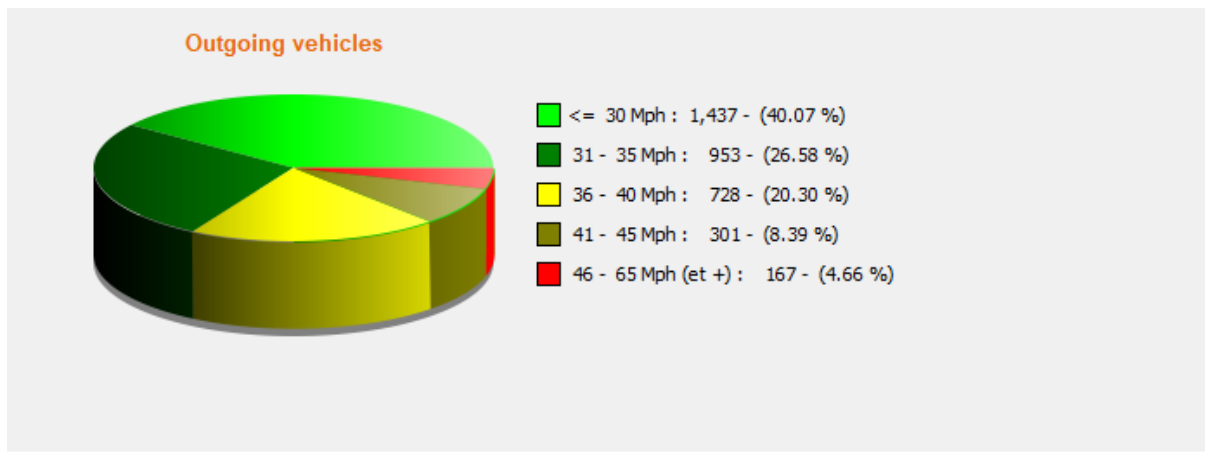
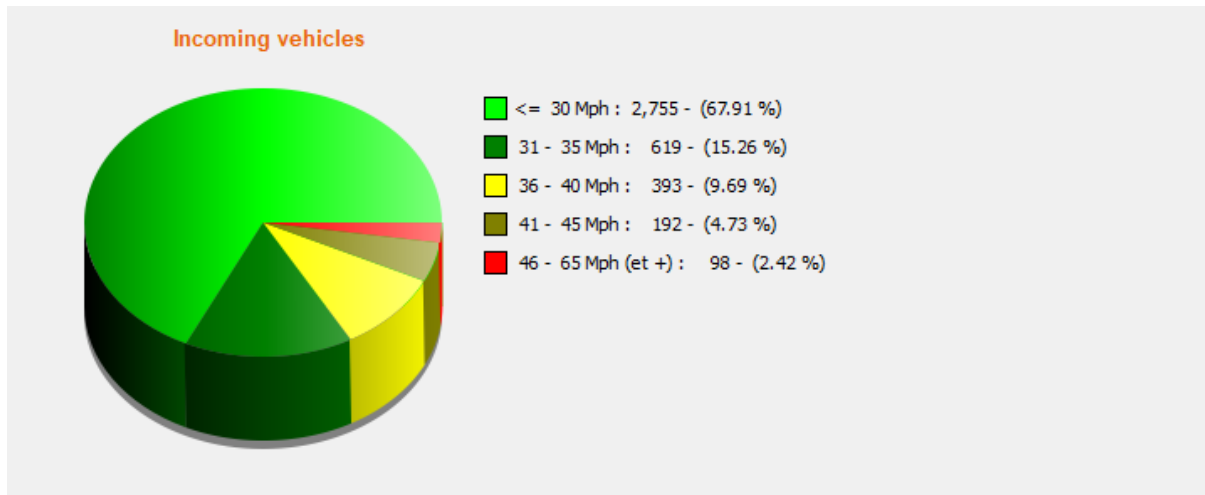
	<= 30 Mph : 2,597 - (70.63 %)
	31 - 35 Mph : 527 - (14.33 %)
	36 - 40 Mph : 307 - (8.35 %)
	41 - 45 Mph : 145 - (3.94 %)
	46 - 65 Mph (et +) : 101 - (2.75 %)

Outgoing vehicles



	<= 30 Mph : 1,334 - (39.68 %)
	31 - 35 Mph : 942 - (28.02 %)
	36 - 40 Mph : 654 - (19.45 %)
	41 - 45 Mph : 298 - (8.86 %)
	46 - 65 Mph (et +) : 134 - (3.99 %)

WEEKLY CHARTS 22nd to 31st MAY



WAR MEMORIAL

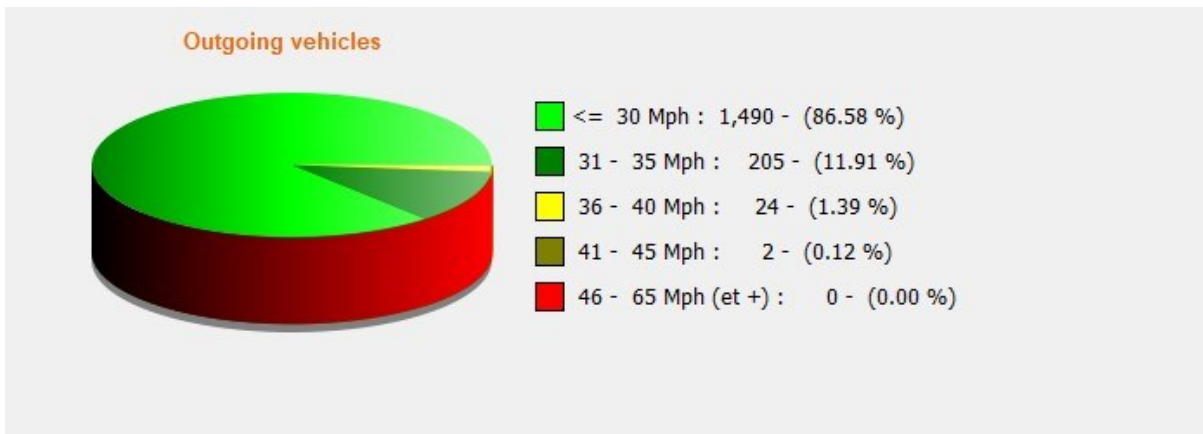
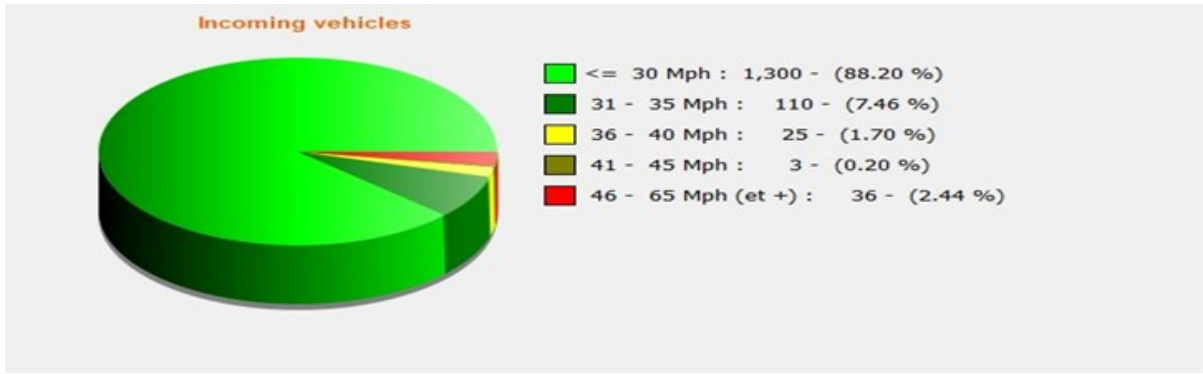
For the War memorial device, there are only weekly charts available in the elan city configuration, as a trial run of data collection at the end of the first week meant that that data was deleted from the device. Nevertheless, there is still the opportunity to analyse the data for the month, particularly as there is so little change between the weeks.

The large majority of the 4,555 vehicles are entering the village at the 30mph speed limit, with only a small proportion exceeding this. However, in terms of the number of vehicles entering the village at higher speeds, 487 were travelling at 31mph+; 112 were travelling at 36mph+ and 44 were travelling at 41mph+ during the 3 week period, which is of concern. The highest speed recorded was 50mph on 11.5.22 at 22:19. It is pleasing to note, however, that of the 44 vehicles travelling in the highest speed group, 36 of these were recorded during the first week and this has dropped substantially in the following 2 weeks.

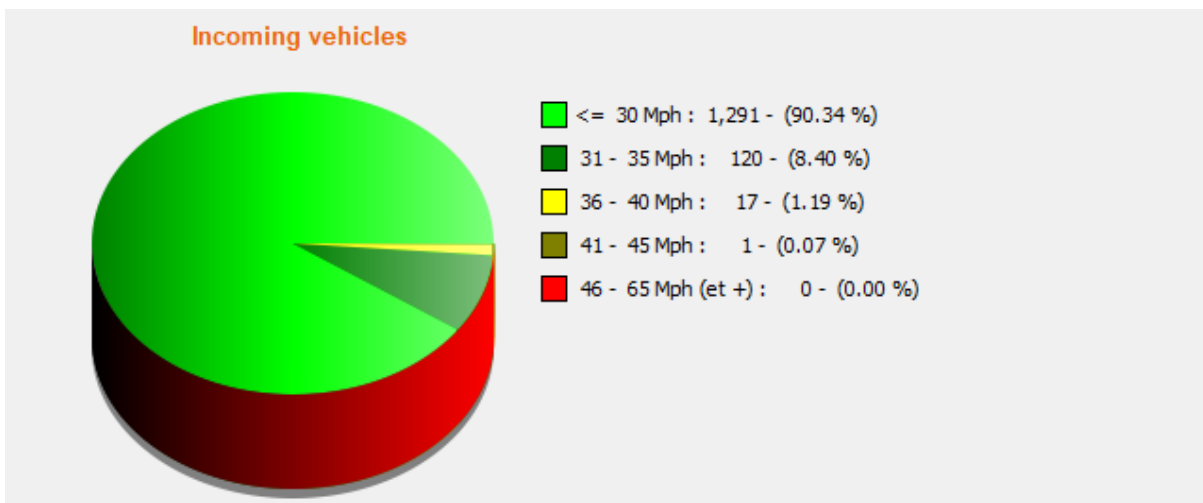
For outgoing traffic, there is a similar picture of the majority of vehicles leaving the village travelling within the speed limit. Again, however, the numbers of vehicles leaving the village on Main Street, which are exceeding the speed limit is much higher than for the inbound traffic. The number of

vehicles travelling at 31mph+ was 703; 86 were travelling at 36mph+ and 6 at 41mph+. No vehicles were travelling at 46mph+. The highest recorded speed was 44mph on 08.05.22 at 12.15pm.

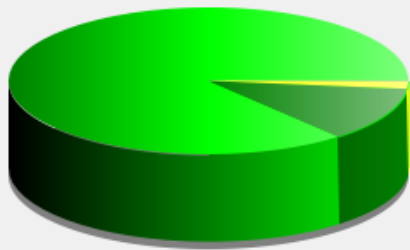
WEEKLY CHARTS 6TH to 13th May



WEEKLY CHARTS 14th – 21st May



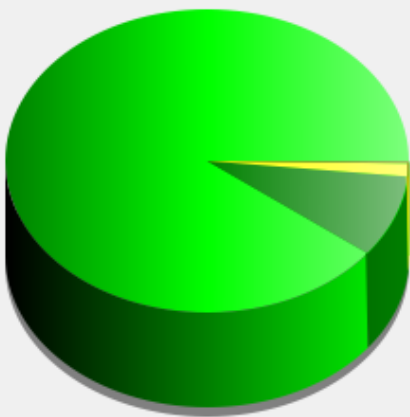
Outgoing vehicles



■	<= 30 Mph : 1,481 - (86.26 %)
■	31 - 35 Mph : 206 - (12.00 %)
■	36 - 40 Mph : 28 - (1.63 %)
■	41 - 45 Mph : 2 - (0.12 %)
■	46 - 65 Mph (et +) : 0 - (0.00 %)

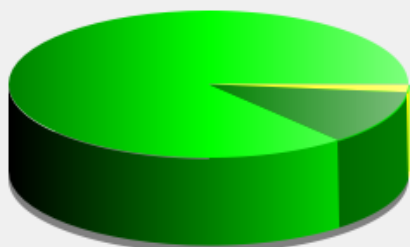
WEEKLY CHARTS 22nd to 31st May 2022

Incoming vehicles



■	<= 30 Mph : 1,480 - (89.59 %)
■	31 - 35 Mph : 145 - (8.78 %)
■	36 - 40 Mph : 23 - (1.39 %)
■	41 - 45 Mph : 3 - (0.18 %)
■	46 - 65 Mph (et +) : 1 - (0.06 %)

Outgoing vehicles



■	<= 30 Mph : 1,481 - (86.26 %)
■	31 - 35 Mph : 206 - (12.00 %)
■	36 - 40 Mph : 28 - (1.63 %)
■	41 - 45 Mph : 2 - (0.12 %)
■	46 - 65 Mph (et +) : 0 - (0.00 %)