


Author

Institution Great Waltham Parish Council
 Department
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Built with **DataCollect Webreporter** version 1.0 at 19/09/2023 23:01:00

Site

Name G Waltham
 Dir. Oncoming (name) Chelmsford
 Dir. Outgoing (name) Dunmow
 Posted Speed Limit 
 Comment
 Device type **DSD**

Time Range

Start Date 10/07/2023 11:00
 End Date 26/07/2023 14:59
 Days Mo, Tu, We, Th, Fr, Sa, Su
 Time Interval 60 minutes
 Time Frame / Day 00:00 - 23:59

Speed Classes

[V in mph]

| Time | Σ | 34 | 10 | 20 | 30 | 40 | 35-46 | 50 | 47 up | 60 | 70 | 80 | 90 | 100 | 110 | >110 |
|-------------|-------|------|----|----|------|------|-------|------|-------|-----|----|----|----|-----|-----|------|
| 00:00-06:00 | 3968 | 554 | 0 | 0 | 149 | 1087 | 1169 | 648 | 261 | 97 | 2 | 0 | 1 | 0 | 0 | 0 |
| 06:00-09:00 | 3638 | 585 | 2 | 2 | 154 | 1016 | 1020 | 562 | 214 | 76 | 7 | 0 | 0 | 0 | 0 | 0 |
| 15:00-19:00 | 6894 | 1810 | 1 | 7 | 580 | 2262 | 1528 | 568 | 109 | 28 | 0 | 1 | 0 | 0 | 0 | 0 |
| 06:00-22:00 | 24576 | 5823 | 8 | 23 | 1815 | 7786 | 5829 | 2458 | 636 | 184 | 13 | 1 | 0 | 0 | 0 | 0 |
| 00:00-24:00 | 30654 | 6807 | 8 | 26 | 2099 | 9517 | 7553 | 3353 | 967 | 302 | 20 | 1 | 1 | 0 | 0 | 0 |

Speed Figures

[V in mph]



DSD SAFETY Success

| Vmin | Vavg | Vmax | V15 | V50 | V85 | Vexc % |
|------|------|------|-----|-----|-----|-------------|
| 4 | 36 | 80 | 31 | 36 | 42 | 86.1 |

| Vin | Vout | Vred | Vred % |
|-----------|-----------|------|--------|
| 36 | 34 | -2 | -6 |

Descriptions

Vmin: Minimal velocity
 Vavg: Average velocity
 Vmax: Maximal velocity
 V15: Critical velocity for the first 15% of vehicles
 V50: Critical velocity for the first 50% of vehicles


V85: Critical velocity for the first 85% of vehicles
 Vexc %: Speeding in %
 Vin: Average inlet velocity
 Vout: Average velocity of exit
 Vred: Average speed reduction between inlet velocity and velocity of exit

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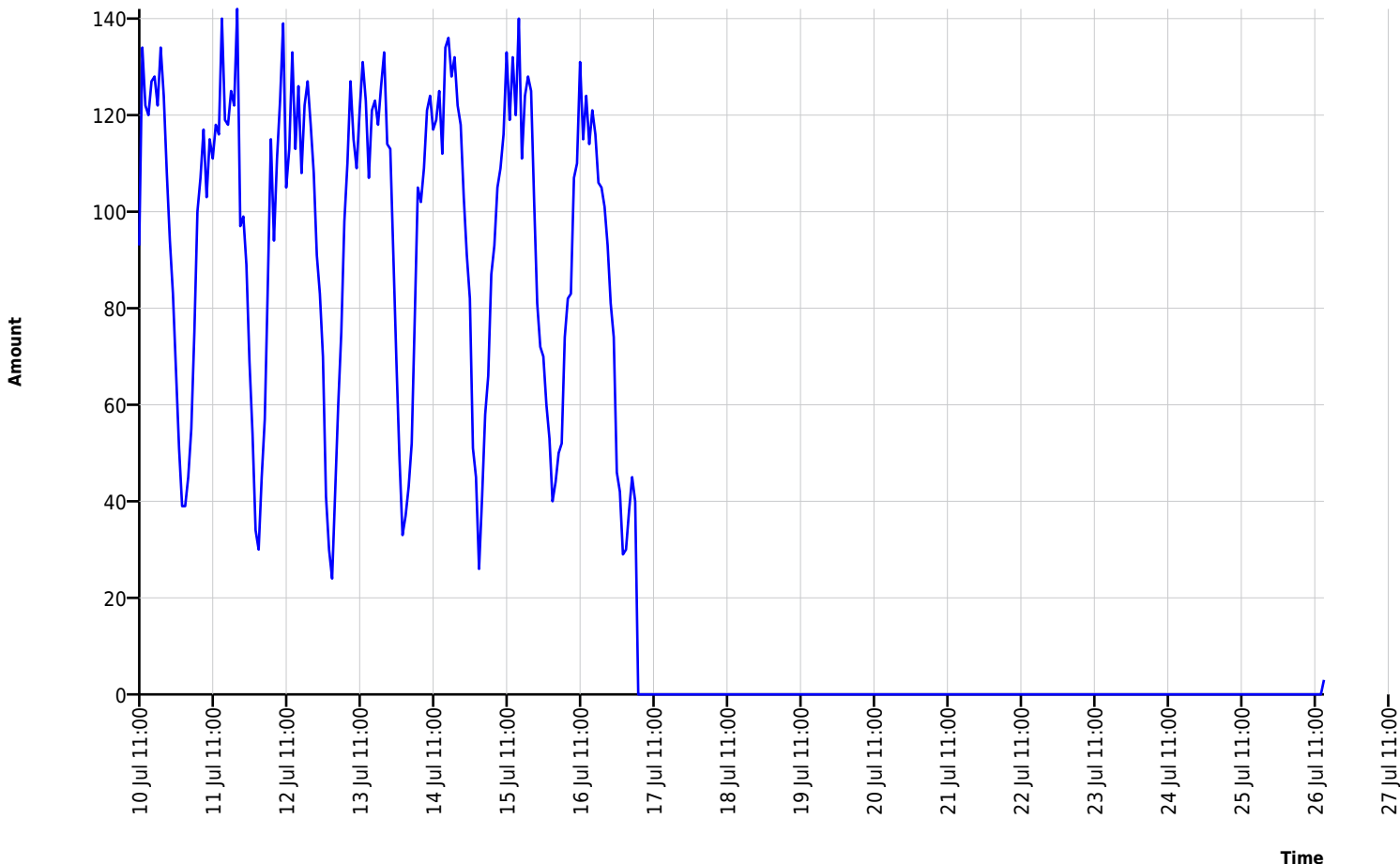
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Time Variation Curve




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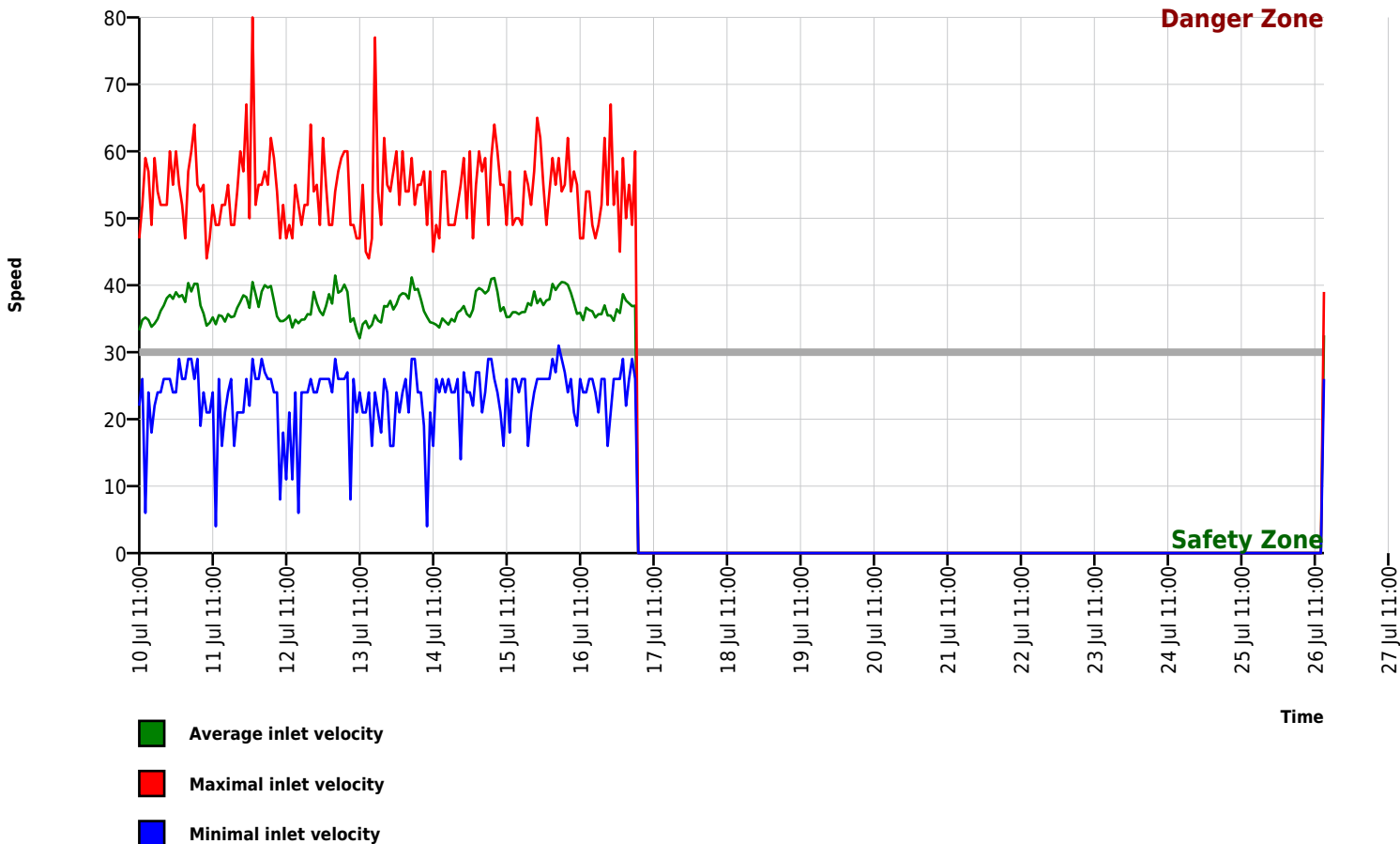
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Speed Diagram




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Speed Histogram

