Traffic Evaluation

Author

Institution	Padbury Parish Council
Department	
Street	
Postal Code	
City	Padbury
Country	United Kingdom
Contact	Padbury Parish Council
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Padbury Parish Council

Built with **DataCollect Webreporter** version 1.0 at 24/03/2023 14:16:09

Site

Name	Padbury 2
Dir. Oncoming (name)	
Dir. Outgoing (name)	
Posted Speed Limit	**(30)**
Comment	
Device type	**DSD**

Time Range

Start Date	01/02/2023 00:00
End Date	28/02/2023 23:59
Days	Mo, Tu, We, Th, Fr, Sa, Su
Time Interval	60 minutes
Time Frame / Day	00:00 - 23:59

DSD SAFETY Success   [V in mph]

Vin	Vout	Vred	Vred %
37	**32**	-5	-14

Speed Figures   [V in mph]

	Vmin	Vavg	Vmax	V15	V50	V85	Vexc %
Cross-section	3	37	83	31	37	44	**88.8**
Oncoming	3	37	83	29	37	44	**85.0**
Outgoing	3	38	82	31	37	44	**91.1**

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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Speed Classes (Incoming)   [V in mph]

Time	Σ	0-30	31-35	36-50	51-70	over 70
00:00-06:00	1853	153	319	1153	226	2
06:00-09:00	6468	1073	1625	3535	234	1
09:00-19:00	25797	4029	7090	14068	606	4
06:00-22:00	37042	5763	9826	20423	1024	6
00:00-24:00	40586	6104	10475	22653	1345	9

Speed Classes (Outgoing)   [V in mph]

Time	Σ	0-30	31-35	36-50	51-70	over 70
00:00-06:00	2776	222	351	1873	330	0
06:00-09:00	10793	875	2758	6870	290	0
09:00-19:00	43170	3846	12507	26172	640	5
06:00-22:00	61669	5511	17325	37671	1155	7
00:00-24:00	66644	5920	18178	40923	1613	10

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Time Variation Curve

Legend: Oncoming (green), Outgoing (red), Cross-section (blue)

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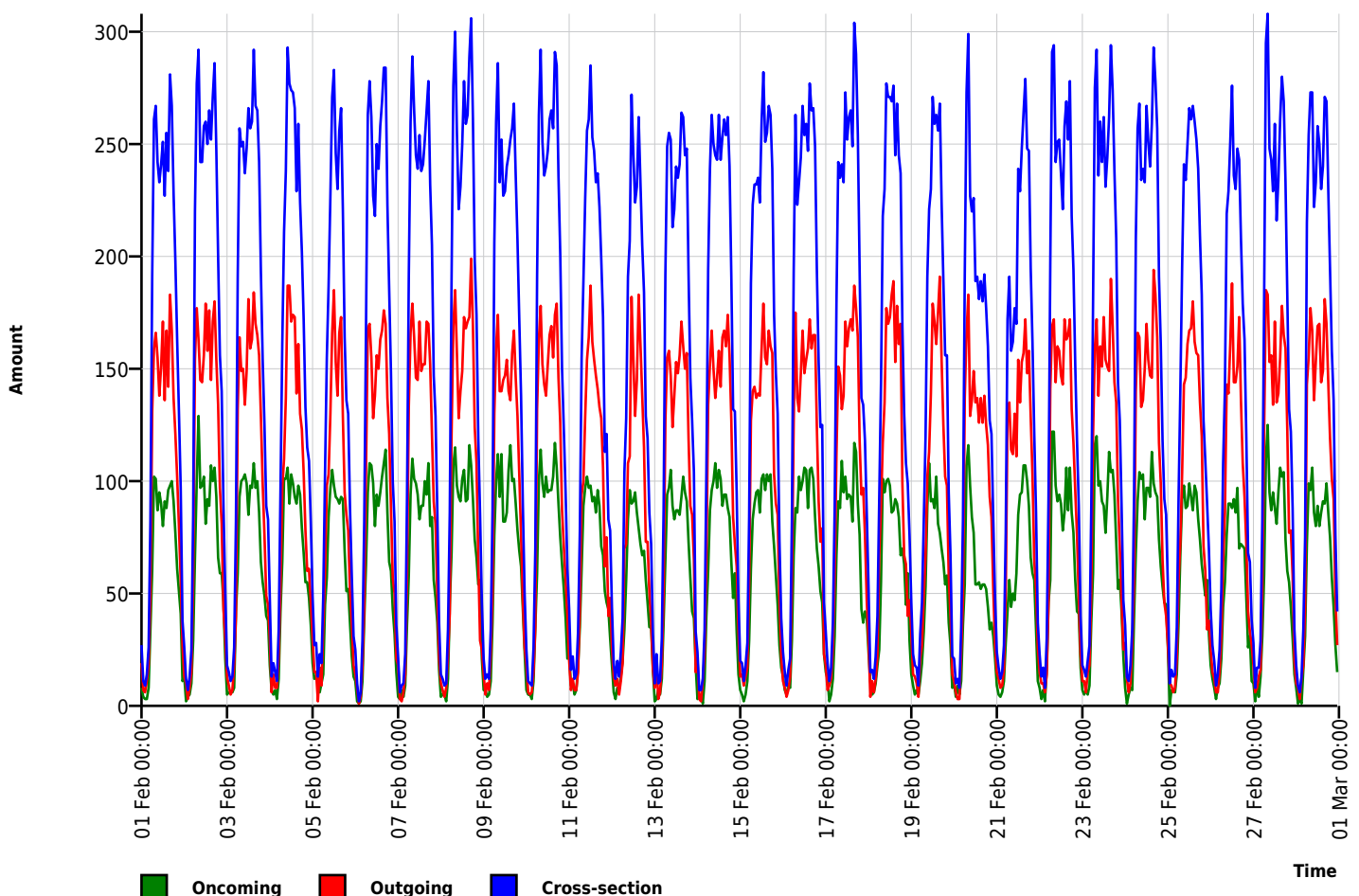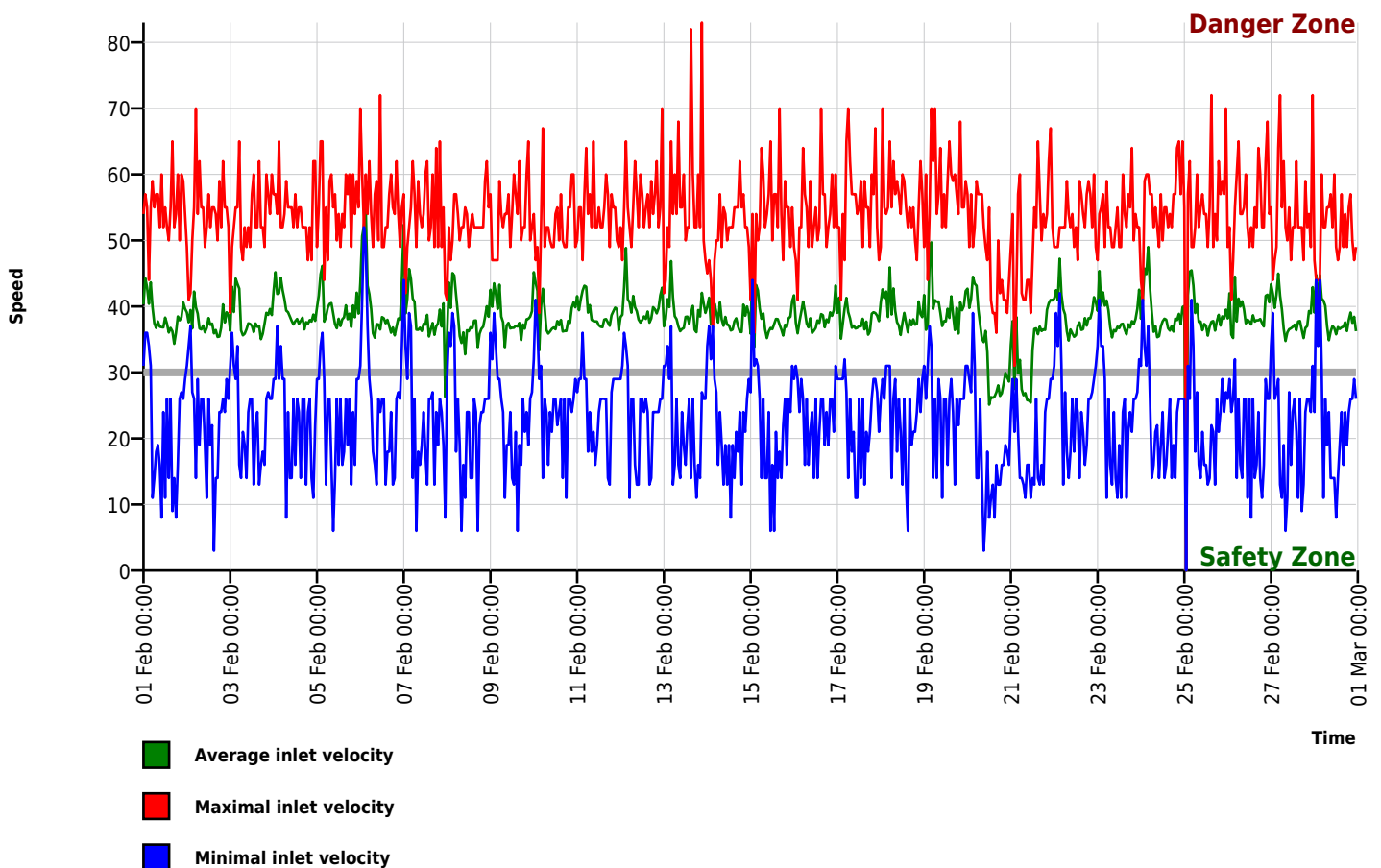Built with **DataCollect Webreporter** version 1.0 at 24/03/2023 14:16:13

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Speed Diagram (Direction Oncoming)

- Average inlet velocity
- Maximal inlet velocity
- Minimal inlet velocity

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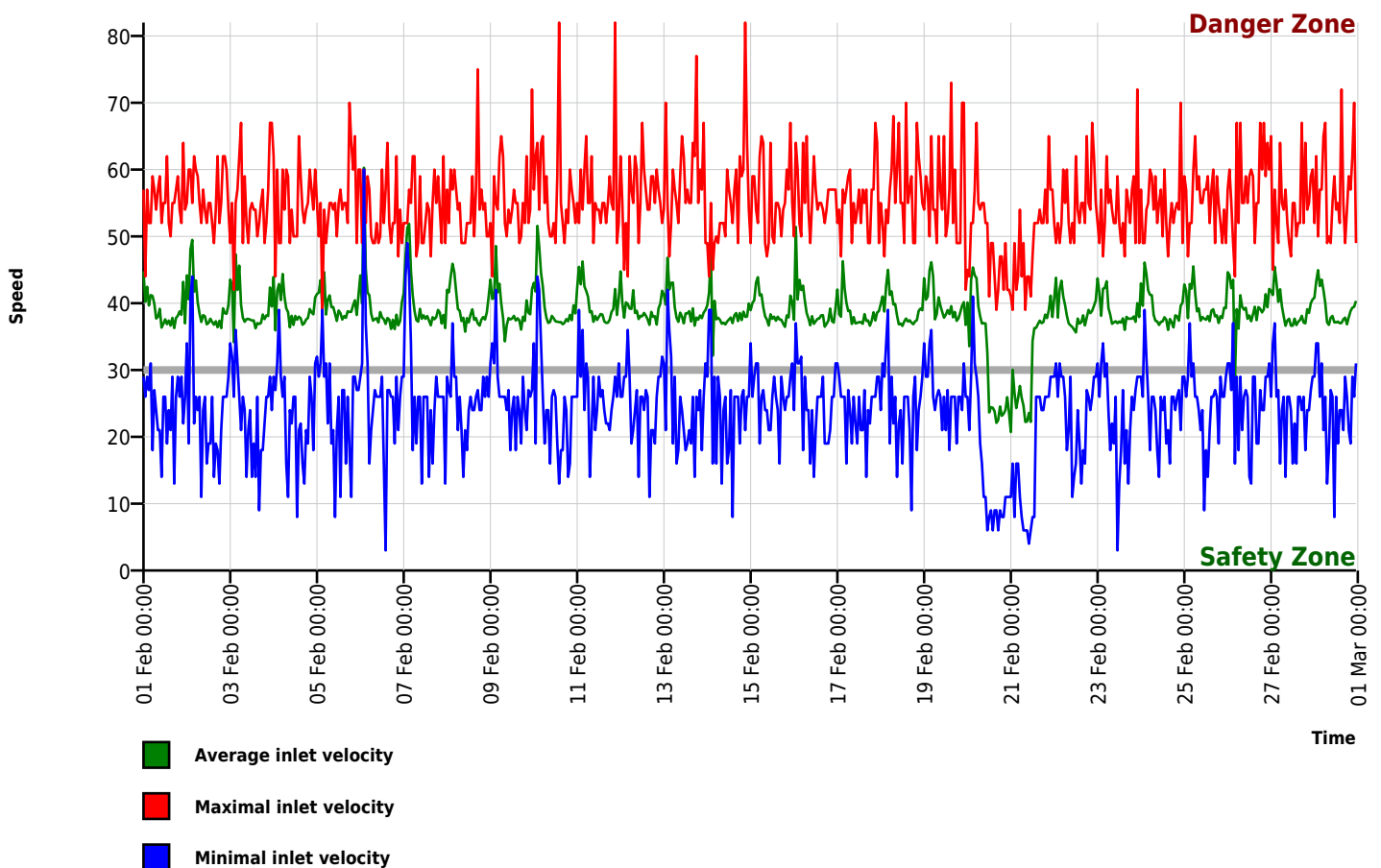Built with **DataCollect Webreporter** version 1.0 at 24/03/2023 14:16:14

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Speed Diagram (Direction Outgoing)

Legend:
- Average inlet velocity (green)
- Maximal inlet velocity (red)
- Minimal inlet velocity (blue)

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Speed Histogram

Speed in [mph]	Oncoming	Outgoing	Cross-section	velocity of exit
0-30	6104	5920	12024	19147
31-35	10475	18178	28653	11029
36-50	22653	40923	63576	10001
51-70	1345	1613	2958	404
over 70	9	10	19	5