Traffic Evaluation

Author

Institution	Padbury Parish Council
Department	
Street	
Postal Code	
City	Padbury
Country	United Kingdom
Contact	Padbury Parish Council
Phone	
E-Mail	padburyparishcouncil@gmail.com

Padbury Parish Council

Built with **DataCollect Webreporter** version 1.0 at 01/04/2024 17:01:43

Site

Name	Padbury 2 - A413
Dir. Oncoming (name)	
Dir. Outgoing (name)	
Posted Speed Limit	**(30)**
Comment	
Device type	**DSD**

Time Range

Start Date	01/02/2024 08:00
End Date	29/02/2024 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	**31**	-6	-16

☺

Speed Figures   [V in mph]

	Vmin	Vavg	Vmax	V15	V50	V85	Vexc %
Cross-section	3	37	78	31	36	42	**88.7**
Oncoming	3	37	78	29	36	44	**83.5**
Outgoing	6	37	78	31	36	42	**91.8**

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

Traffic Evaluation

Author

Institution	Padbury Parish Council
Department	
Street	
Postal Code	
City	Padbury
Country	United Kingdom
Contact	Padbury Parish Council
Phone	
E-Mail	padburyparishcouncil@gmail.com

Padbury Parish Council

Site

Name	Padbury 2 - A413
Dir. Oncoming (name)	
Dir. Outgoing (name)	
Posted Speed Limit	**30**
Comment	
Device type	**DSD**

Time Range

Start Date	01/02/2024 08:00
End Date	29/02/2024 23:59
Days	Mo, Tu, We, Th, Fr, Sa, Su
Time Interval	60 minutes
Time Frame / Day	00:00 - 23:59

Speed Classes (Incoming)　　[V in mph]

Time	Σ	0-30	31-35	36-50	51-70	over 70
00:00-06:00	740	50	115	489	85	1
06:00-09:00	785	139	239	391	16	0
09:00-19:00	22844	4007	6692	11765	376	4
06:00-22:00	27362	4683	7784	14363	528	4
00:00-24:00	29270	4820	8159	15607	679	5

Speed Classes (Outgoing)　　[V in mph]

Time	Σ	0-30	31-35	36-50	51-70	over 70
00:00-06:00	1003	79	196	639	89	0
06:00-09:00	1334	92	422	802	18	0
09:00-19:00	39933	3255	13465	22753	460	0
06:00-22:00	46994	3878	15560	26923	630	3
00:00-24:00	49653	4077	16143	28611	816	6

Traffic Evaluation

Author

Institution	Padbury Parish Council
Department	
Street	
Postal Code	
City	Padbury
Country	United Kingdom
Contact	Padbury Parish Council
Phone	
E-Mail	padburyparishcouncil@gmail.com

Padbury Parish Council

Site

Name	Padbury 2 - A413
Dir. Oncoming (name)	
Dir. Outgoing (name)	
Posted Speed Limit	**30**
Comment	
Device type	**DSD**

Time Range

Start Date	01/02/2024 08:00
End Date	29/02/2024 23:59
Days	Mo, Tu, We, Th, Fr, Sa, Su
Time Interval	60 minutes
Time Frame / Day	00:00 - 23:59

Time Variation Curve

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

Traffic Evaluation

Author

Institution	Padbury Parish Council
Department	
Street	
Postal Code	
City	Padbury
Country	United Kingdom
Contact	Padbury Parish Council
Phone	
E-Mail	padburyparishcouncil@gmail.com

Padbury
Parish Council

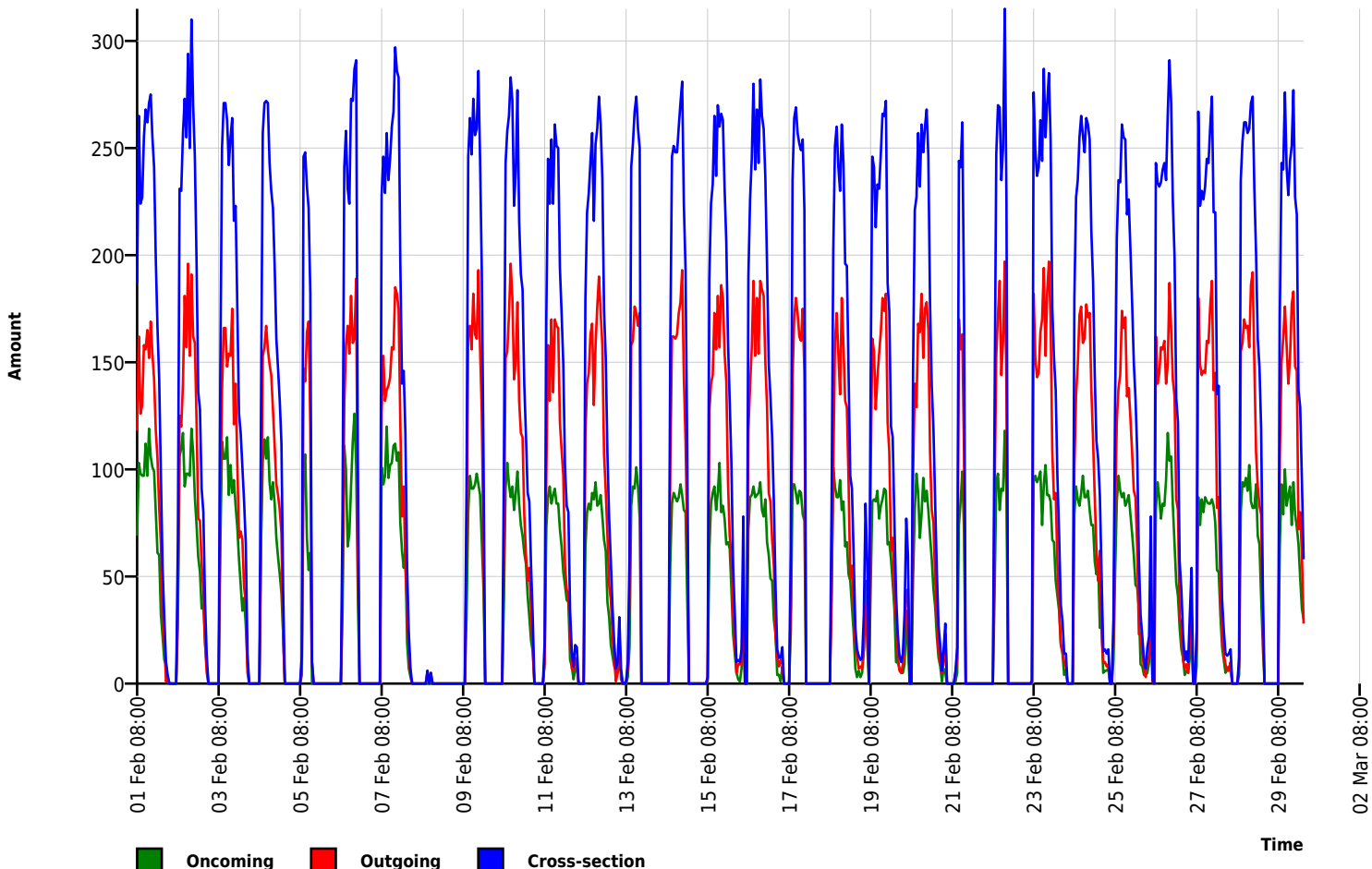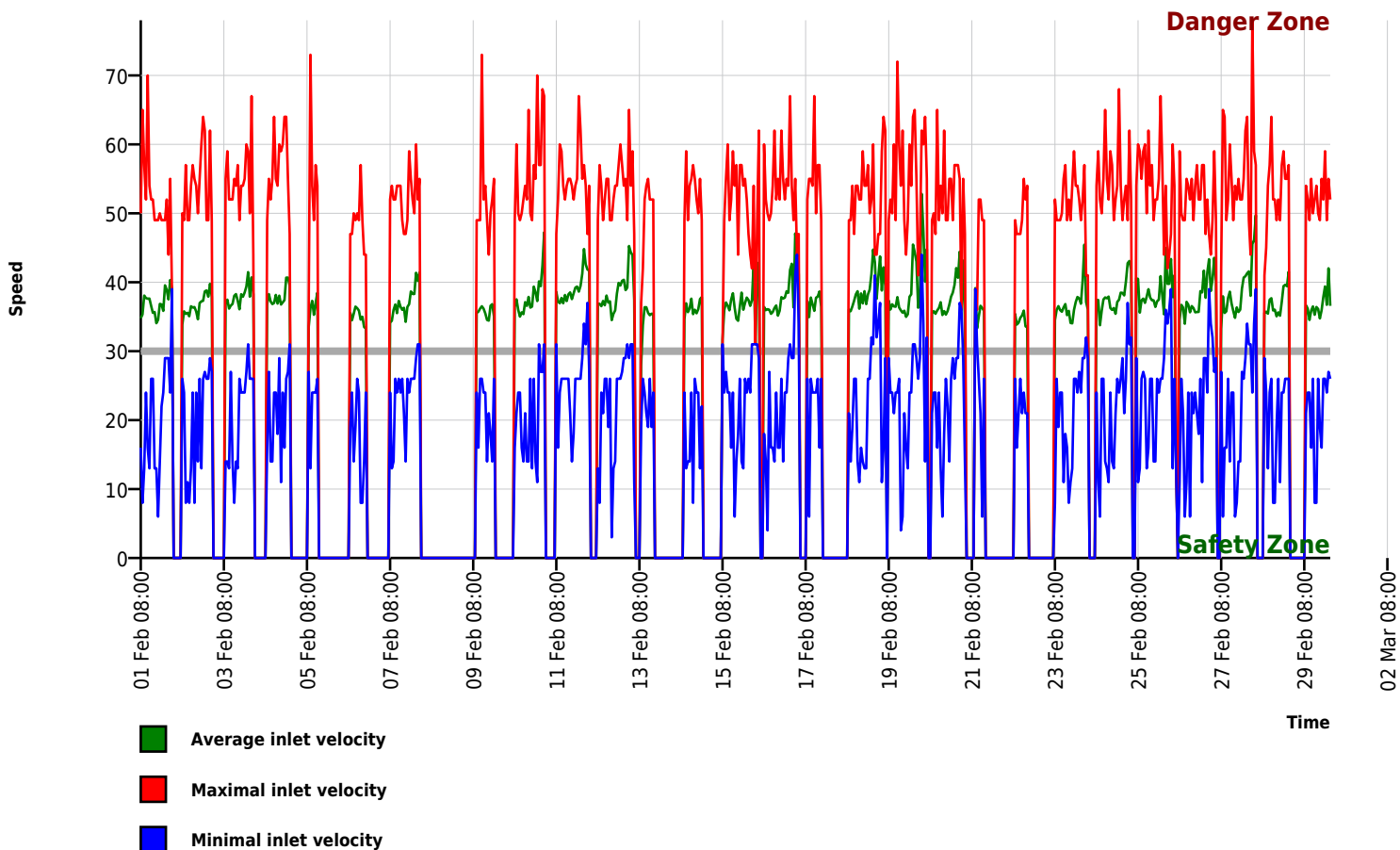Built with **DataCollect Webreporter** version 1.0 at 01/04/2024 17:01:46

Site

Name	Padbury 2 - A413
Dir. Oncoming (name)	
Dir. Outgoing (name)	
Posted Speed Limit	**(30)**
Comment	
Device type	**DSD**

Time Range

Start Date	01/02/2024 08:00
End Date	29/02/2024 23:59
Days	Mo, Tu, We, Th, Fr, Sa, Su
Time Interval	60 minutes
Time Frame / Day	00:00 - 23:59

Speed Diagram (Direction Oncoming)

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

Traffic Evaluation

Author	
Institution	Padbury Parish Council
Department	
Street	
Postal Code	
City	Padbury
Country	United Kingdom
Contact	Padbury Parish Council
Phone	
E-Mail	padburyparishcouncil@gmail.com

Padbury Parish Council

Site		**Time Range**	
Name	Padbury 2 - A413	Start Date	01/02/2024 08:00
Dir. Oncoming (name)		End Date	29/02/2024 23:59
Dir. Outgoing (name)		Days	Mo, Tu, We, Th, Fr, Sa, Su
Posted Speed Limit	**30**	Time Interval	60 minutes
		Time Frame / Day	00:00 - 23:59
Comment			
Device type	**DSD**		

Speed Diagram (Direction Outgoing)
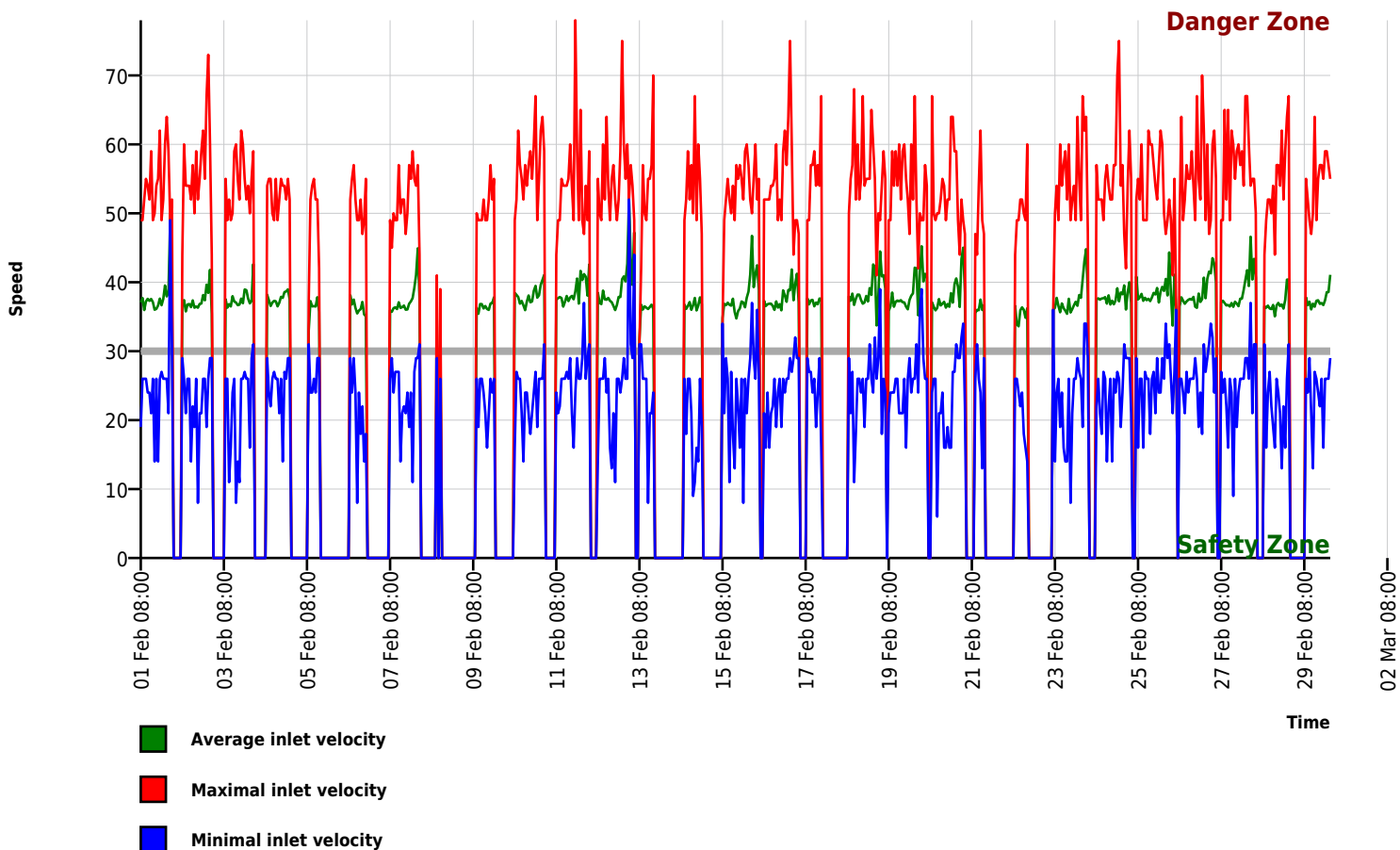
Legend:
- Average inlet velocity (green)
- Maximal inlet velocity (red)
- Minimal inlet velocity (blue)

Traffic Evaluation

Author

Institution	Padbury Parish Council
Department	
Street	
Postal Code	
City	Padbury
Country	United Kingdom
Contact	Padbury Parish Council
Phone	
E-Mail	padburyparishcouncil@gmail.com

Padbury Parish Council

Site

Name	Padbury 2 - A413
Dir. Oncoming (name)	
Dir. Outgoing (name)	
Posted Speed Limit	**30**
Comment	
Device type	**DSD**

Time Range

Start Date	01/02/2024 08:00
End Date	29/02/2024 23:59
Days	Mo, Tu, We, Th, Fr, Sa, Su
Time Interval	60 minutes
Time Frame / Day	00:00 - 23:59

Speed Histogram

Speed histogram showing Amount vs Speed in [mph].

Speed [mph]	Oncoming	Outgoing	Cross-section	velocity of exit
0-30	4820	4077	8897	15210
31-35	8159	16143	24302	7820
36-50	15607	28611	44218	6022
51-70	679	816	1495	216
over 70	5	6	11	2

Legend: ■ Oncoming ■ Outgoing ■ Cross-section ■ velocity of exit