



Community Roadwatch(UK) CIC*

A1123 Earith Rd, Willingham

© Bidirectional Traffic Volume/Speed Survey ©

Using Houston Radar Armadillo Data Logger* (Type PTSC 909)

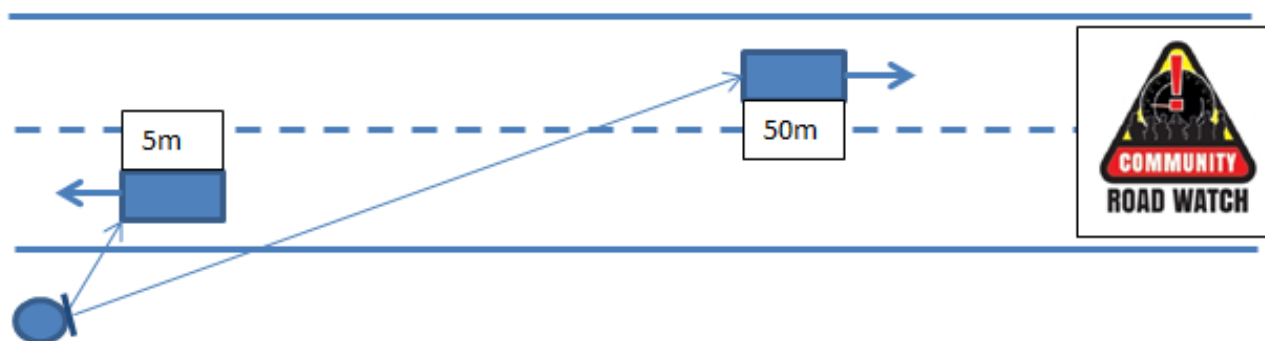


Please Note: Whilst facing the direction indicated, the Loggers, using integral off-set Houston Radar Doppler transmitters/receivers, are able to accurately detect traffic as shown below

(subject to occasional masking of far-side traffic by high-sided near-side vehicles, that affect all such post-mounted loggers)

Data Logger Siting – Capabilities

The Logger needs to be fitted to a post/pole at a height of 7ft and no more than 10 ft from the kerb. Normally it will detect a vehicle on its side of the road within 5m and on the other side between 20-50m.



Logger on Pole at 7ft (2.3m) from the Ground < 10 ft from carriageway as Recommended by Manufacturer

*Company No: 10085683; Head Office 2a Chequers Court, Huntingdon, Cambs. PE29 3LJ www.roadwatch.org.uk
Managing Director & National Coordinator: David C McCandless 01480 462587 md@roadwatch.org.uk

	Start	Length	Location
 B	28/10/2018 14:19:44	7 days and 22 minutes	52.3173169, 0.0589473

Drag the above data fragments into the projects on the left to import them.



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Logger Located at B

Outbound detected at A
Inbound detected at B

CRW TRAFFIC ANALYSIS REPORT USING MICK GEORGE ARMADILLO LOGGER©

For Project: LogWIL-EarithRd
 Location/Name: ToEarith @ No 22 (Picking up at Post L9 GAQ)
 Traffic Report From 28/10/2018 2:19:44 PM through 4/11/2018 2:42:00 PM 7 Days



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85th Percentile Speed 36 mph
 85th Percentile Vehicles 25,758 counts
 Max Speed 82.0 mph on Tue 30/10/2018 8:49:19 AM
 Total Vehicles 30,303 count
 Average Daily Volume 4,329 vehicles

Peak Volumes	Time	5 Day	7 Day
AM peak	8:00 to 9:00	209	175
PM peak	5:00 to 6:00	776	618

Speeds

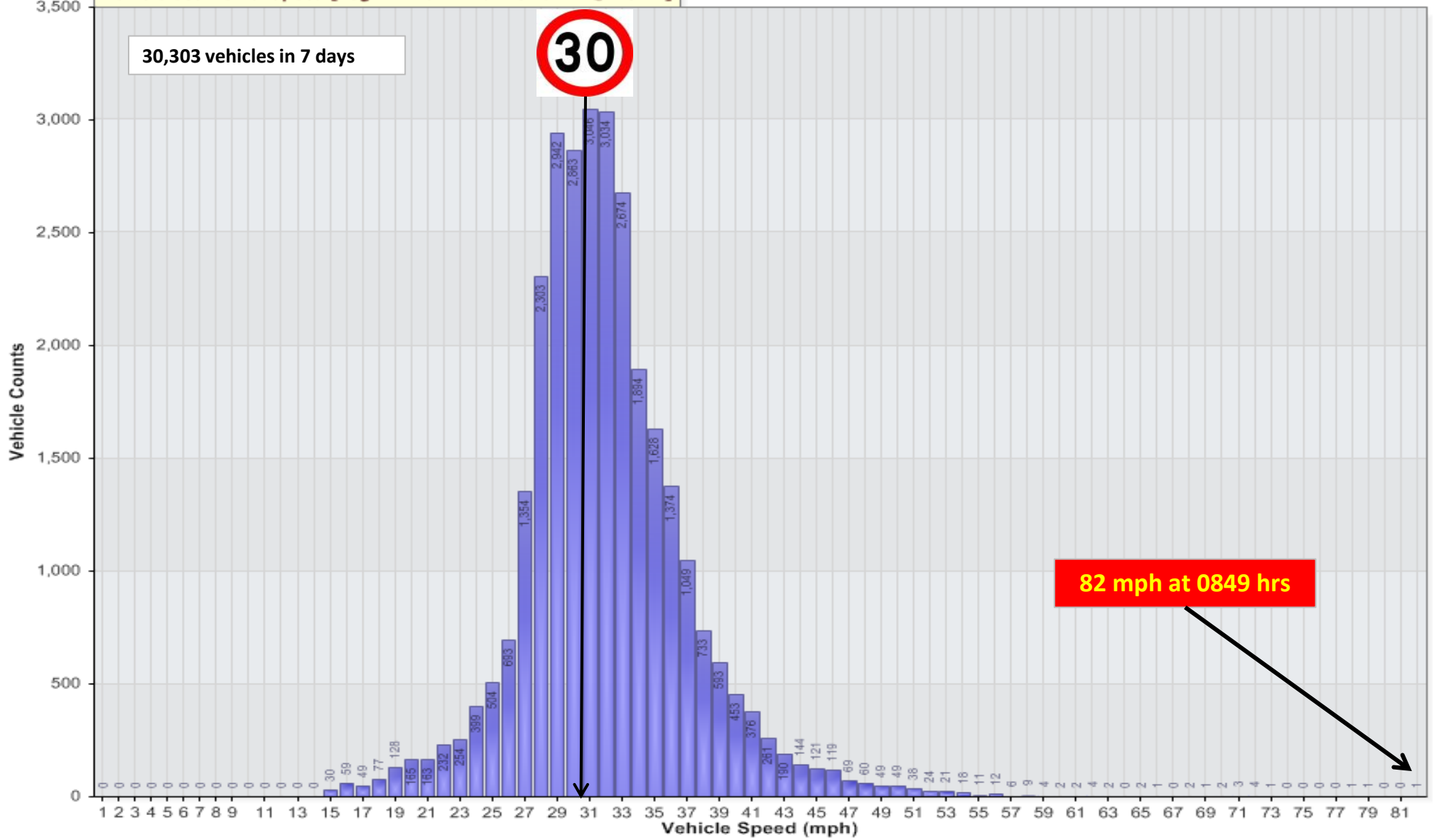
Speed limit: 30 mph ACPO = 34 mph
 85th Percentile Speed: 36 mph
 Average Speed: 30.9 mph

Analysis	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Totals
Count over ACPO limit	848	1,109	1,185	1,078	1,096	1,127	997	6,592 vehicles
% over ACPO limit	33.8	23.3	23.8	22.0	21.9	22.5	31.8	24.2 %
Avg speed over ACPO	39.1	38.6	38.3	38.4	38.2	38.6	38.7	38.6 mph

Class counts

	Number	%	[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]
VEH_SM	311	1.0	
VEH_MED	28,537	94.2	
VEH_LG	1,455	4.8	

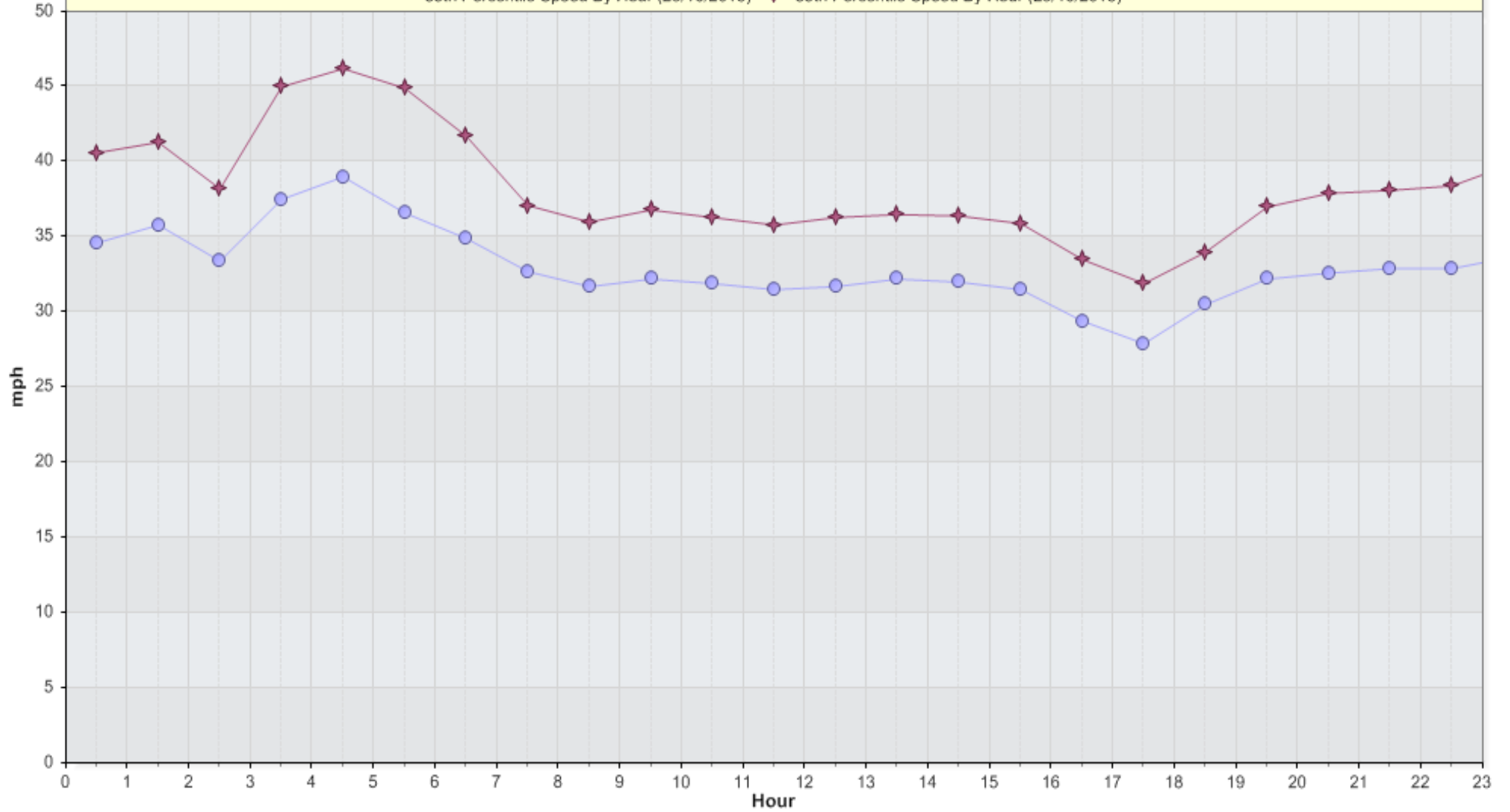
Vehicle Counts Vs. Speed [LogWIL-EarirthRd: To Earith @ No 22]



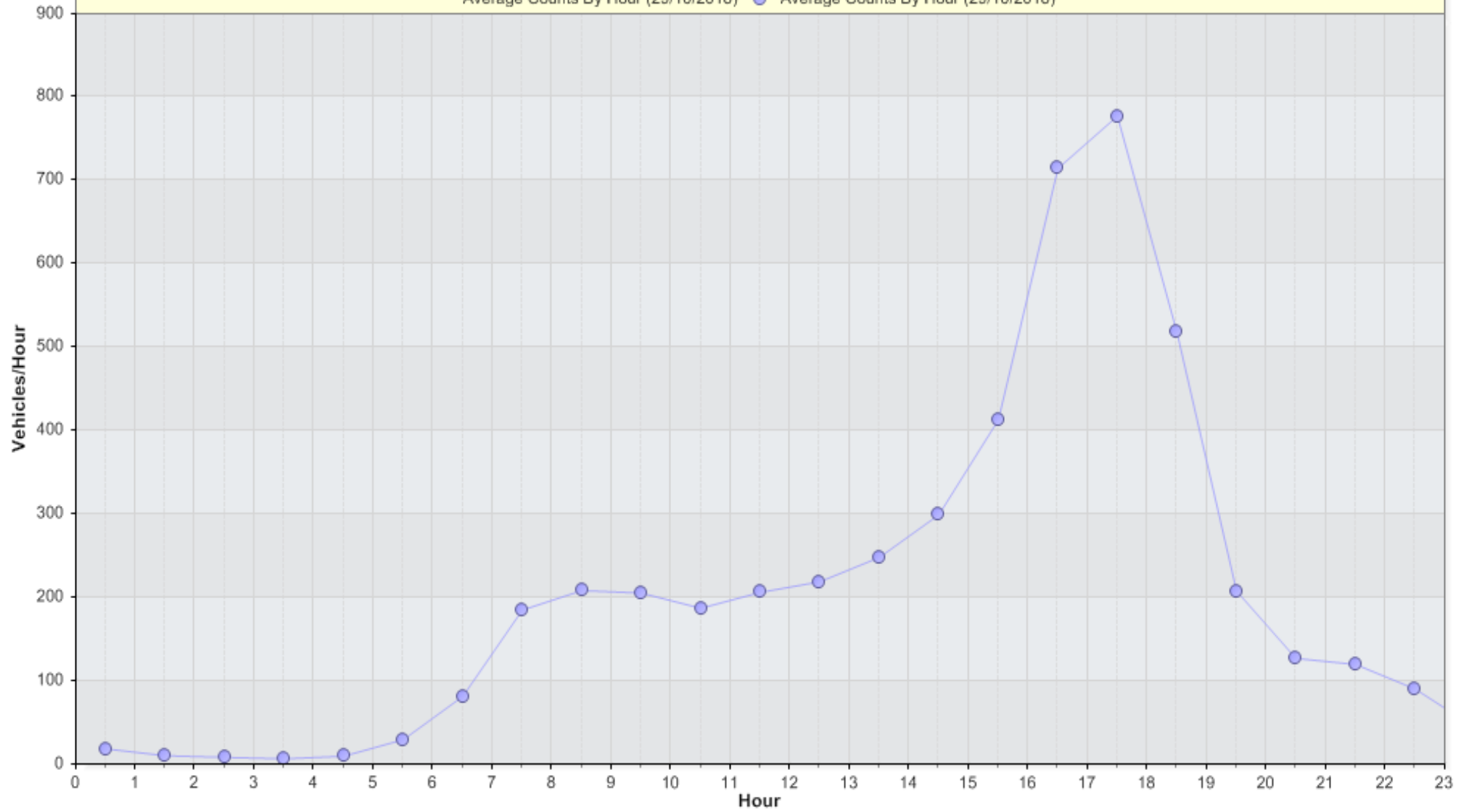
To Earith @ No 22: Average Hourly WEEKDAY Speeds for Week of 29/10/2018

Average Hourly WEEKDAY Speeds By Hour (29/10/2018) —●— Average Hourly WEEKDAY Speeds By Hour (29/10/2018)

85th Percentile Speed By Hour (29/10/2018) —◆— 85th Percentile Speed By Hour (29/10/2018)



To Earith @ No 22: Average Hourly Volume for Week of 29/10/2018
Average Counts By Hour (29/10/2018) — Average Counts By Hour (29/10/2018)

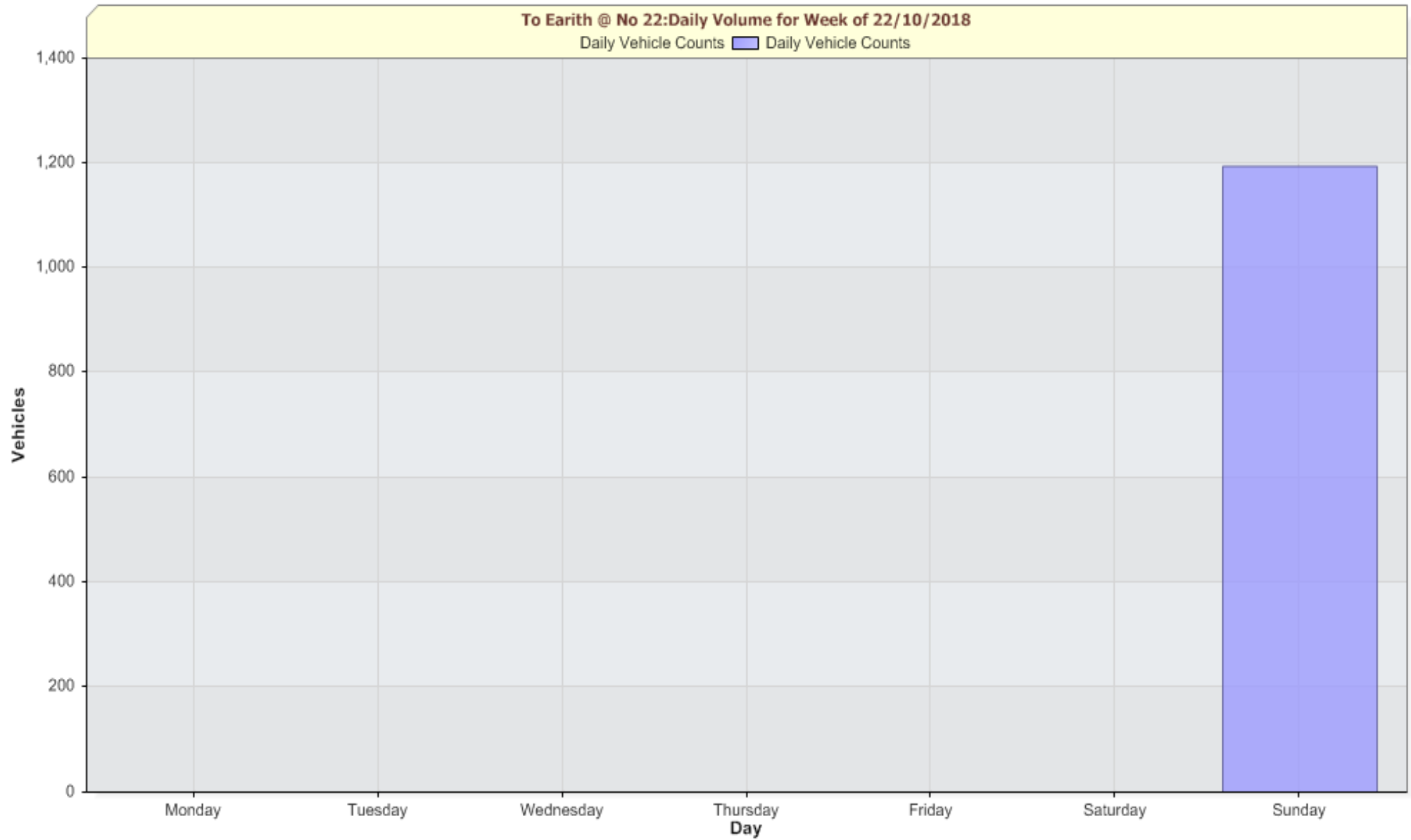


To Earith @ No 22: Daily Volume for Week of 22/10/2018

Daily Vehicle Counts

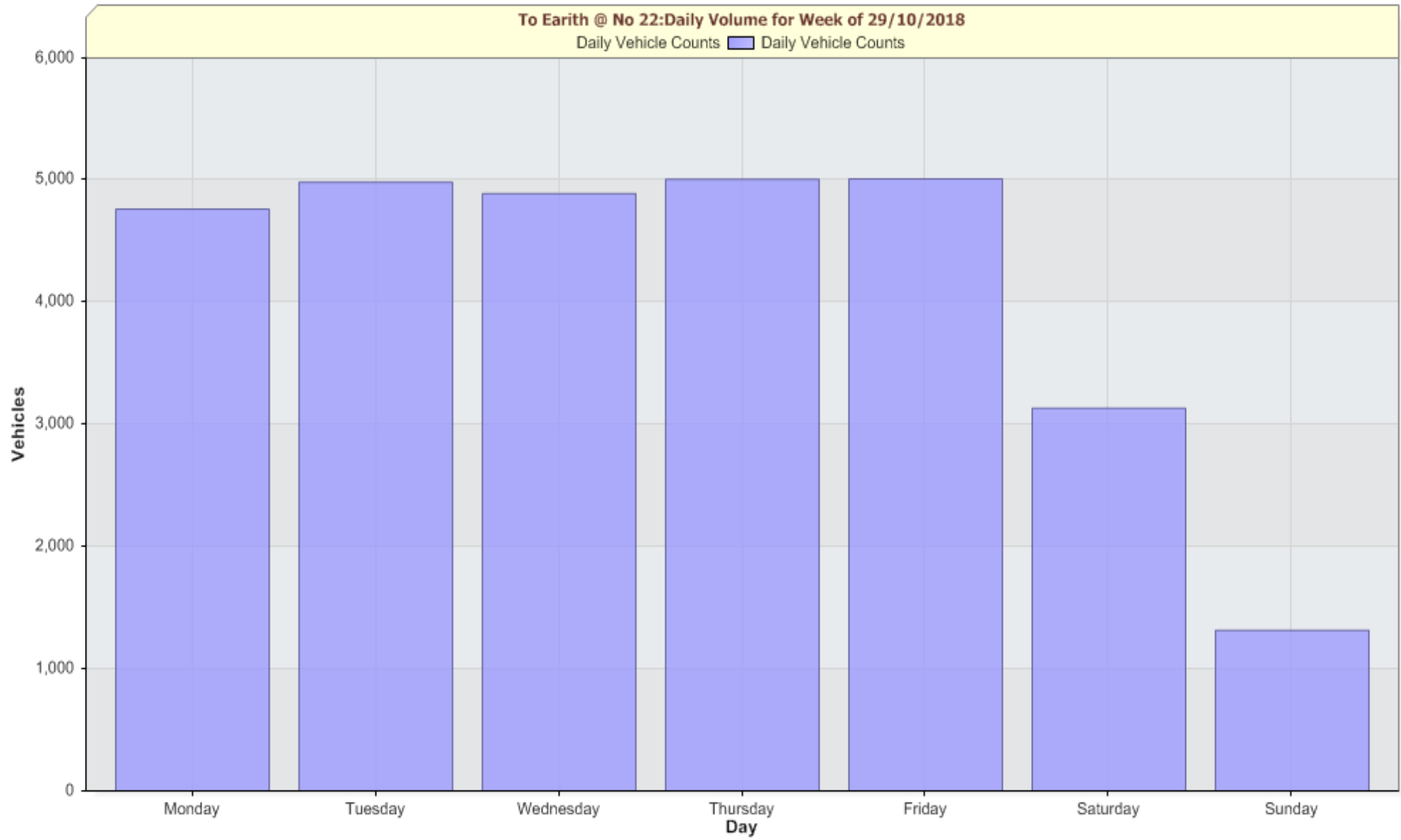


Daily Vehicle Counts



To Earith @ No 22: Daily Volume for Week of 29/10/2018

Daily Vehicle Counts

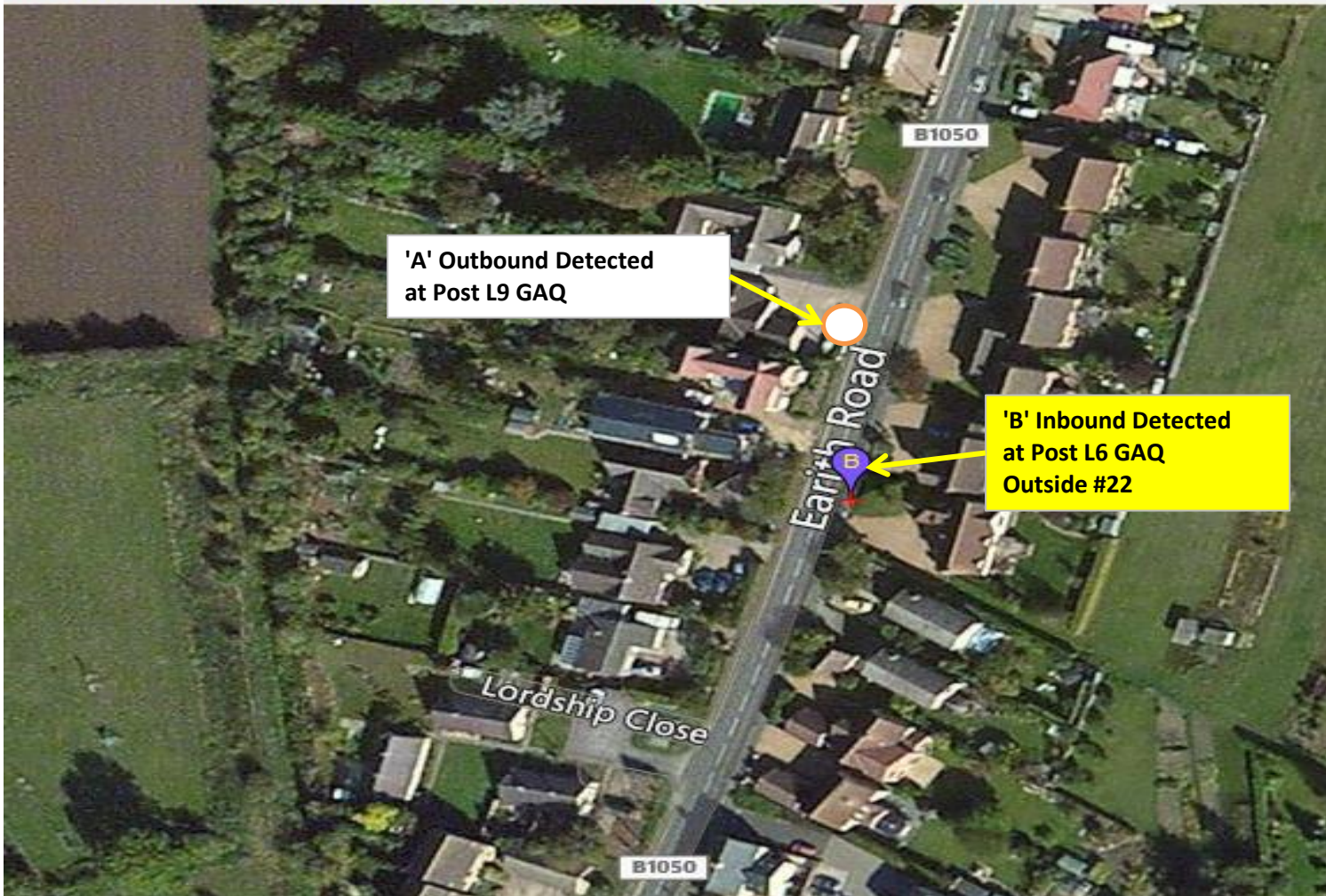


Date Time	Speed & Type @ Location
28/10/2018 17:50	58.0 VEH_MED To Earith @ Post L9 GAQ
28/10/2018 20:02	58.0 VEH_LG To Earith @ Post L9 GAQ
28/10/2018 23:08	56.0 VEH_MED To Earith @ Post L9 GAQ
29/10/2018 05:03	62.0 VEH_MED To Earith @ Post L9 GAQ
29/10/2018 06:44	60.0 VEH_MED To Earith @ Post L9 GAQ
29/10/2018 13:05	72.0 VEH_MED To Earith @ Post L9 GAQ
29/10/2018 13:56	72.0 VEH_MED To Earith @ Post L9 GAQ
29/10/2018 15:19	70.0 VEH_MED To Earith @ Post L9 GAQ
29/10/2018 16:00	71.0 VEH_MED To Earith @ Post L9 GAQ
29/10/2018 20:48	68.0 VEH_MED To Earith @ Post L9 GAQ
29/10/2018 21:10	61.0 VEH_MED To Earith @ Post L9 GAQ
29/10/2018 21:11	56.0 VEH_MED To Earith @ Post L9 GAQ
30/10/2018 04:53	57.0 VEH_MED To Earith @ Post L9 GAQ
30/10/2018 08:49	82.0 VEH_MED To Earith @ Post L9 GAQ
30/10/2018 10:33	69.0 VEH_MED To Earith @ Post L9 GAQ
30/10/2018 13:52	57.0 VEH_LG To Earith @ Post L9 GAQ
30/10/2018 13:55	61.0 VEH_MED To Earith @ Post L9 GAQ
30/10/2018 14:19	79.0 VEH_LG To Earith @ Post L9 GAQ
30/10/2018 14:20	56.0 VEH_MED To Earith @ Post L9 GAQ
30/10/2018 16:10	55.0 VEH_MED To Earith @ Post L9 GAQ
30/10/2018 22:44	55.0 VEH_MED To Earith @ Post L9 GAQ
30/10/2018 23:00	58.0 VEH_MED To Earith @ Post L9 GAQ
31/10/2018 04:32	70.0 VEH_MED To Earith @ Post L9 GAQ
31/10/2018 06:44	60.0 VEH_MED To Earith @ Post L9 GAQ
31/10/2018 07:02	55.0 VEH_MED To Earith @ Post L9 GAQ
31/10/2018 09:09	58.0 VEH_MED To Earith @ Post L9 GAQ
31/10/2018 09:43	57.0 VEH_MED To Earith @ Post L9 GAQ
31/10/2018 09:43	72.0 VEH_MED To Earith @ Post L9 GAQ
31/10/2018 09:43	72.0 VEH_MED To Earith @ Post L9 GAQ
31/10/2018 10:01	58.0 VEH_LG To Earith @ Post L9 GAQ
31/10/2018 14:29	66.0 VEH_MED To Earith @ Post L9 GAQ
31/10/2018 14:42	56.0 VEH_MED To Earith @ Post L9 GAQ
01/11/2018 04:39	62.0 VEH_MED To Earith @ Post L9 GAQ
01/11/2018 07:55	55.0 VEH_MED To Earith @ Post L9 GAQ
01/11/2018 20:11	56.0 VEH_MED To Earith @ Post L9 GAQ
01/11/2018 20:49	59.0 VEH_MED To Earith @ Post L9 GAQ
01/11/2018 22:58	71.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 00:46	58.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 00:58	58.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 01:05	62.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 03:01	56.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 07:45	62.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 08:49	65.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 08:49	78.0 VEH_LG To Earith @ Post L9 GAQ
02/11/2018 09:24	71.0 VEH_LG To Earith @ Post L9 GAQ
02/11/2018 10:02	57.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 10:59	68.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 10:59	73.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 11:43	59.0 VEH_LG To Earith @ Post L9 GAQ

02/11/2018 17:19 55.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 19:49 56.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 20:07 63.0 VEH_MED To Earith @ Post L9 GAQ
02/11/2018 22:03 57.0 VEH_MED To Earith @ Post L9 GAQ
03/11/2018 00:44 56.0 VEH_MED To Earith @ Post L9 GAQ
03/11/2018 06:18 56.0 VEH_MED To Earith @ Post L9 GAQ
03/11/2018 08:08 55.0 VEH_MED To Earith @ Post L9 GAQ
03/11/2018 09:25 56.0 VEH_LG To Earith @ Post L9 GAQ
03/11/2018 09:46 55.0 VEH_LG To Earith @ Post L9 GAQ
03/11/2018 11:28 55.0 VEH_MED To Earith @ Post L9 GAQ
03/11/2018 14:33 58.0 VEH_MED To Earith @ Post L9 GAQ
03/11/2018 16:16 55.0 VEH_MED To Earith @ Post L9 GAQ
03/11/2018 18:39 59.0 VEH_LG To Earith @ Post L9 GAQ
03/11/2018 19:24 58.0 VEH_MED To Earith @ Post L9 GAQ
04/11/2018 00:50 56.0 VEH_MED To Earith @ Post L9 GAQ
04/11/2018 01:39 55.0 VEH_MED To Earith @ Post L9 GAQ
04/11/2018 06:51 63.0 VEH_MED To Earith @ Post L9 GAQ
04/11/2018 07:35 59.0 VEH_MED To Earith @ Post L9 GAQ
04/11/2018 07:57 56.0 VEH_MED To Earith @ Post L9 GAQ
04/11/2018 11:53 65.0 VEH_MED To Earith @ Post L9 GAQ
04/11/2018 13:22 55.0 VEH_LG To Earith @ Post L9 GAQ
04/11/2018 14:10 57.0 VEH_MED To Earith @ Post L9 GAQ

	Start	Length	Location
 B	28/10/2018 14:19:44	7 days and 22 minutes	52.3173169, 0.0589473

Drag the above data fragments into the projects on the left to import them.



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Logger Located at B

Outbound detected at A

Inbound detected at B

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CRW TRAFFIC ANALYSIS REPORT USING MICK GEORGE ARMADILLO LOGGER©

For Project: LogWIL-EarithRd
 Location/Name: From Earith @ No 22 (after flashing 30 VAS)
 Traffic Report From 28/10/2018 2:19:44 PM through 4/11/2018 2:42:00 PM 7 Days

85th Percentile Speed 34 mph
 85th Percentile Vehicles 26,320 counts
 Max Speed 66.0 mph on 29/10/2018 10:38:43 PM
 Total Vehicles 30,965 count
 Average Daily Volume 4,423

Peak Volumes	Time	5 Day	7 Day
AM peak	8:00 to 9:00	688	538
PM peak	5:00 to 6:00	244	229

Speed
 Speed limit: 30 mph ACPO = 34 mph
 85th Percentile Speed: 34 mph
 Average Speed: 28.8 mph

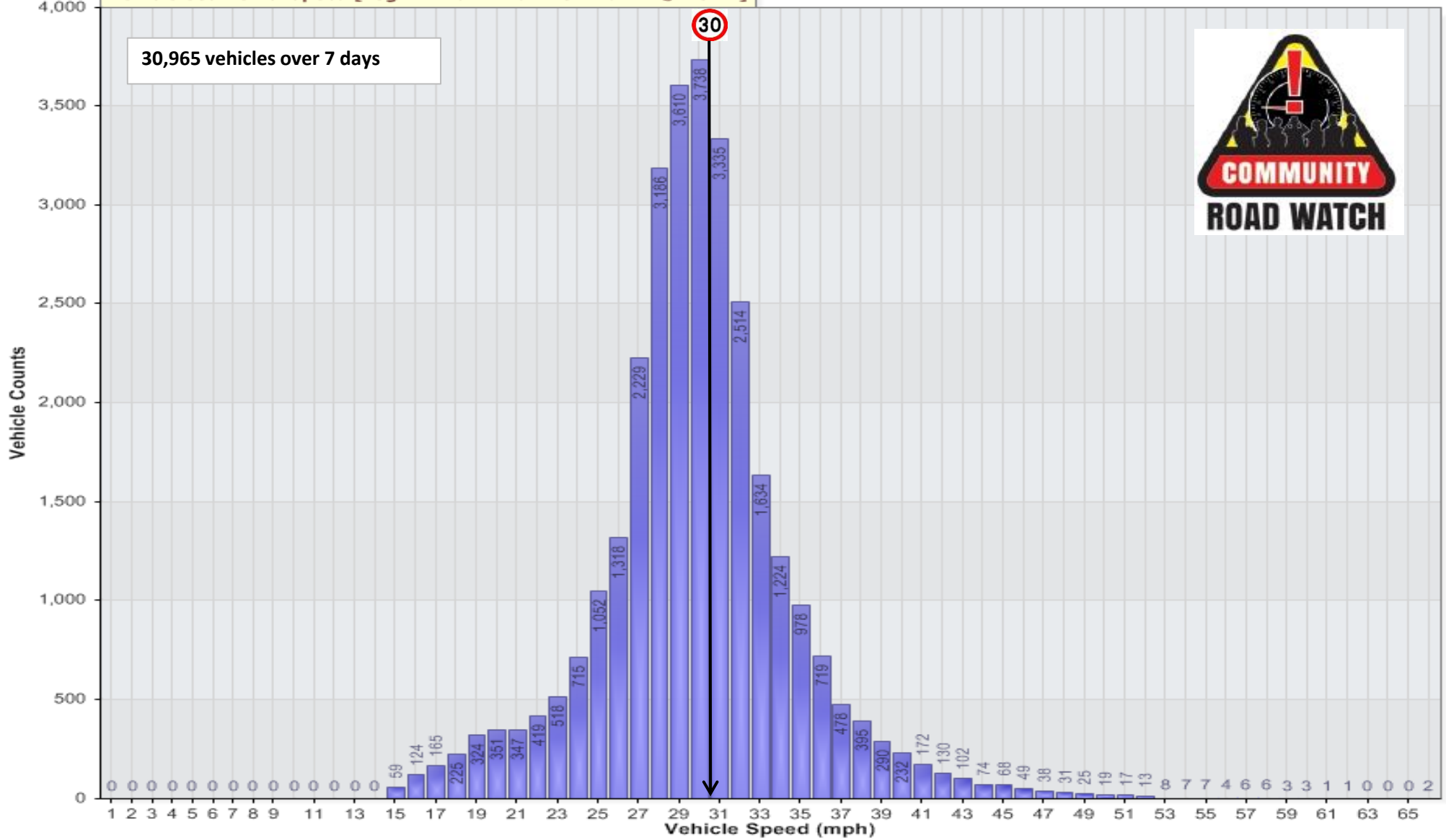
Analysis	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Totals
Count over ACPO limit	554	591	524	557	470	589	593	3,878 vehicles
% over ACPO limit	21.0	11.5	10.6	11.6	9.4	11.3	18.4	13.4 %
Avg speed over ACPO	38.3	38.4	38.3	38.1	38.2	38.2	38.6	38.3 mph

Class counts	Number	%	[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]
VEH_SM	54	0.2	
VEH_MED	28,376	91.6	
VEH_LG	2,534	8.2	



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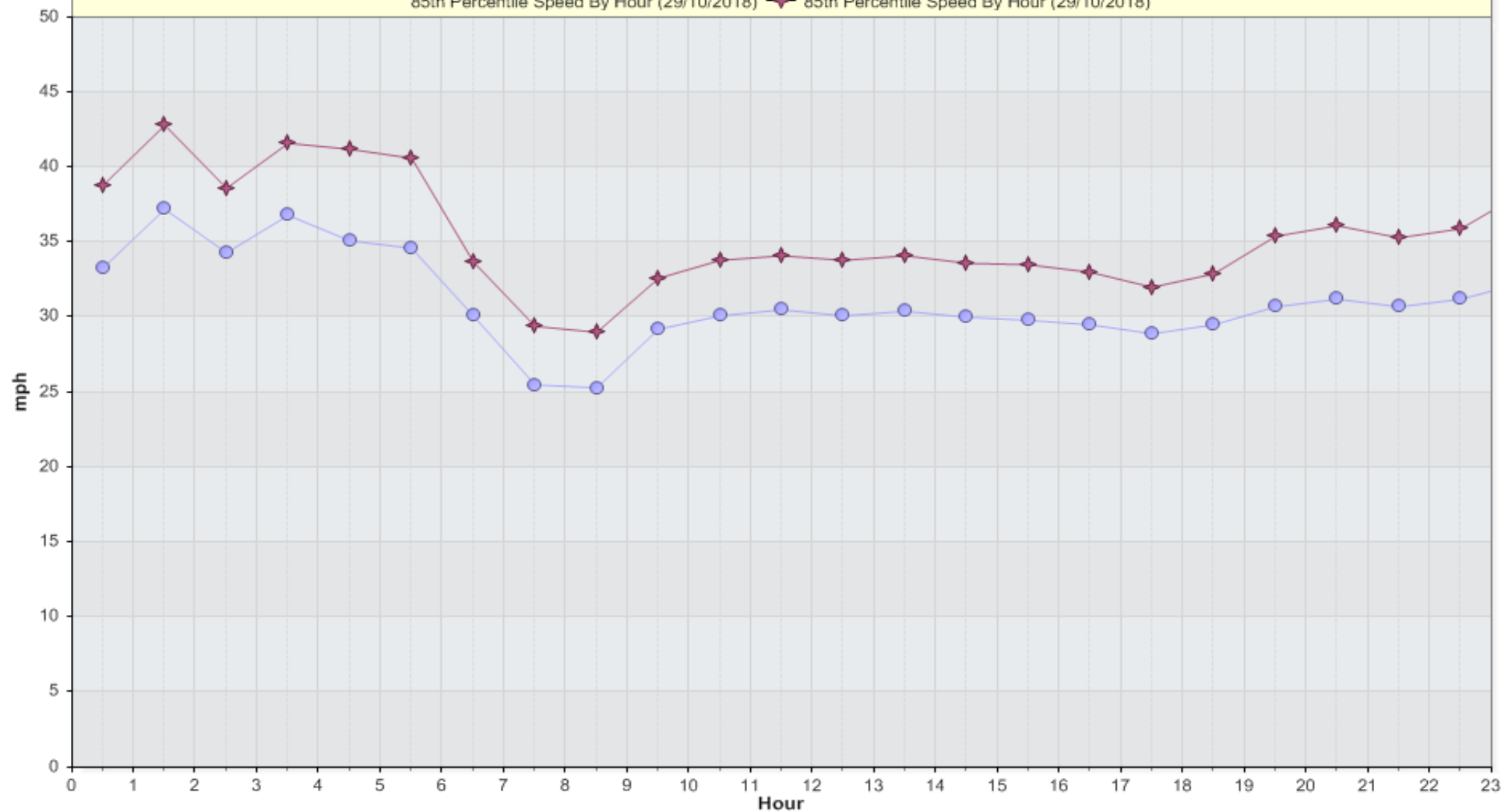
Vehicle Counts Vs. Speed [LogWIL-EarithRd: From Earith @ No 22]

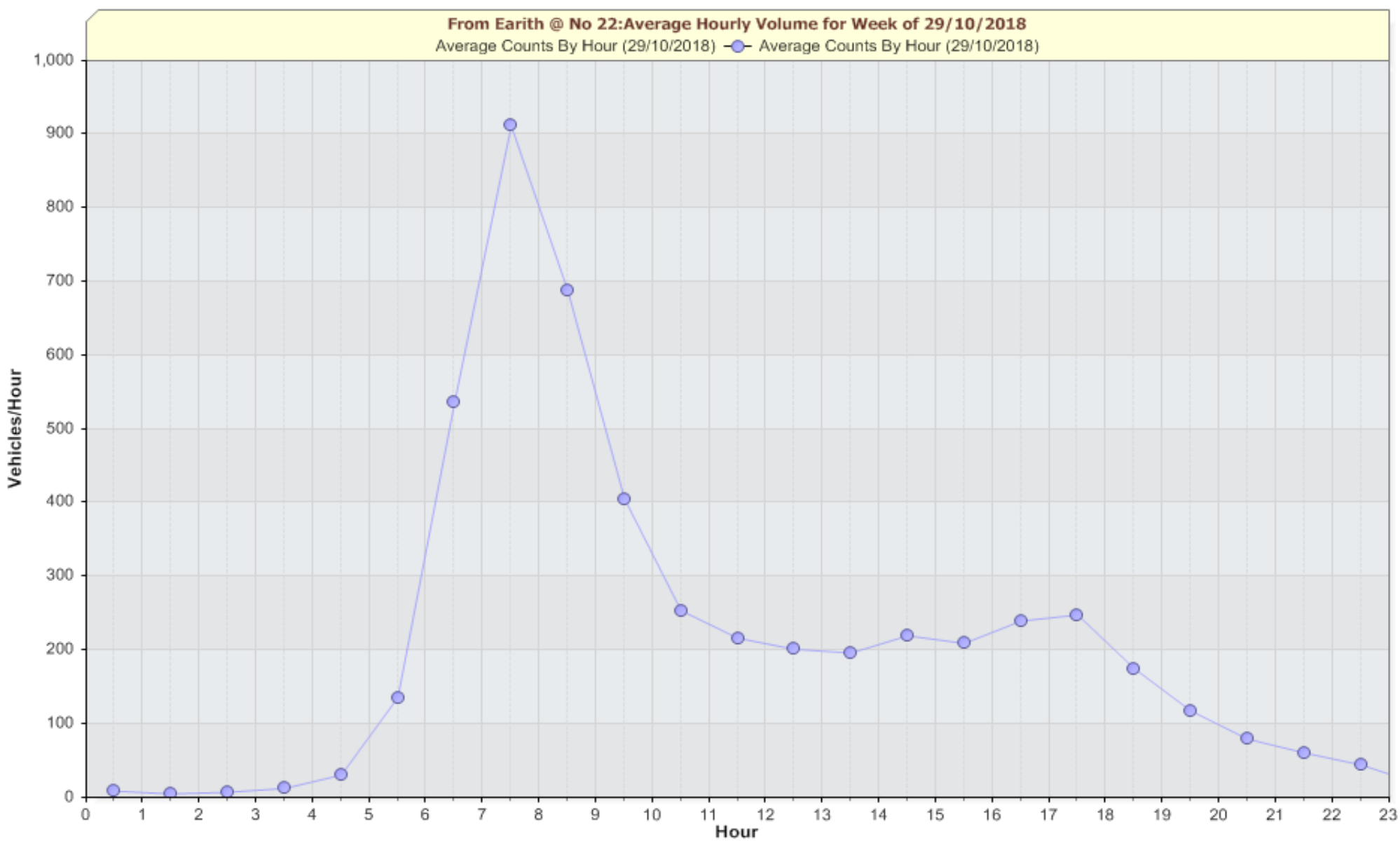


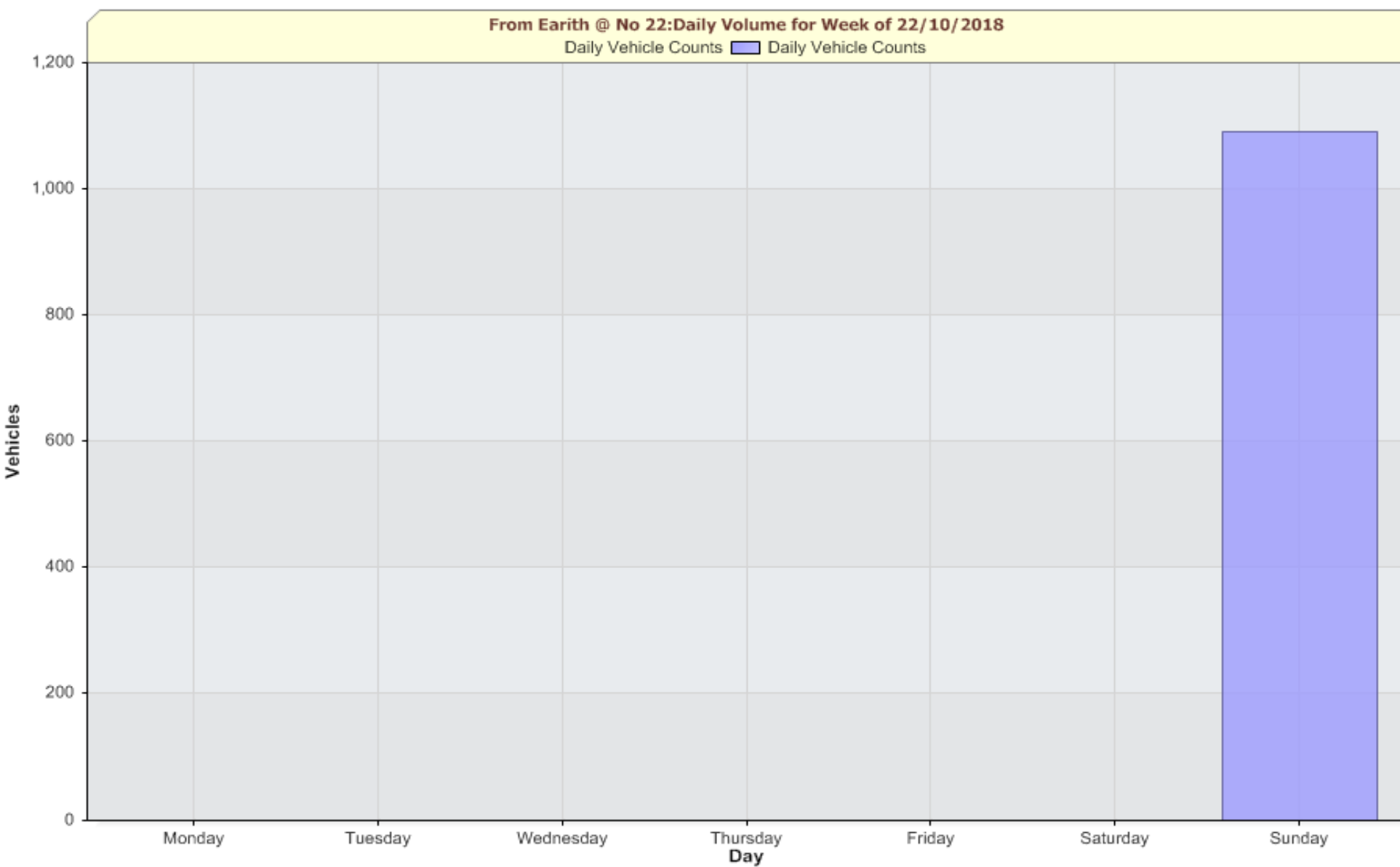
From Earith @ No 22: Average Hourly WEEKDAY Speeds for Week of 29/10/2018

Average Hourly WEEKDAY Speeds By Hour (29/10/2018)

85th Percentile Speed By Hour (29/10/2018)

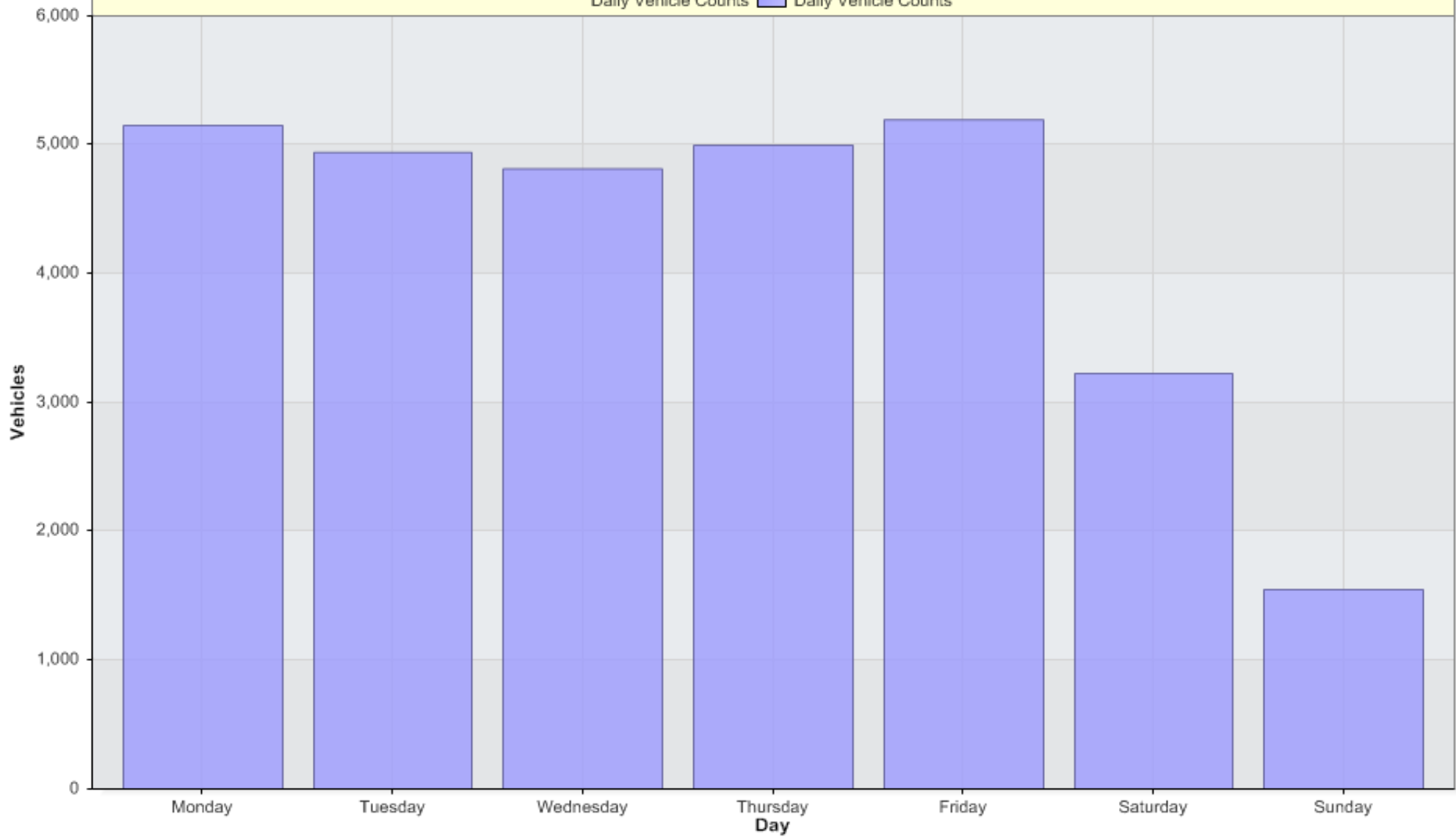






From Earith @ No 22: Daily Volume for Week of 29/10/2018

Daily Vehicle Counts



Date Time	Speed and Type at or over 55 mph @ Location
29/10/2018 05:06	57.0 VEH_MED From Earith @ No 22
29/10/2018 11:34	59.0 VEH_MED From Earith @ No 22
29/10/2018 22:38	66.0 VEH_MED From Earith @ No 22
30/10/2018 04:14	58.0 VEH_MED From Earith @ No 22
30/10/2018 06:52	59.0 VEH_MED From Earith @ No 22
30/10/2018 10:17	58.0 VEH_MED From Earith @ No 22
31/10/2018 05:27	59.0 VEH_MED From Earith @ No 22
31/10/2018 05:44	60.0 VEH_MED From Earith @ No 22
01/11/2018 05:13	57.0 VEH_MED From Earith @ No 22
01/11/2018 18:45	58.0 VEH_MED From Earith @ No 22
02/11/2018 03:46	61.0 VEH_MED From Earith @ No 22
02/11/2018 03:50	60.0 VEH_MED From Earith @ No 22
02/11/2018 05:02	56.0 VEH_MED From Earith @ No 22
02/11/2018 05:31	56.0 VEH_MED From Earith @ No 22
02/11/2018 05:35	62.0 VEH_MED From Earith @ No 22
02/11/2018 20:08	56.0 VEH_MED From Earith @ No 22
02/11/2018 23:16	66.0 VEH_MED From Earith @ No 22
03/11/2018 05:17	57.0 VEH_MED From Earith @ No 22
03/11/2018 06:52	57.0 VEH_MED From Earith @ No 22
03/11/2018 06:56	58.0 VEH_MED From Earith @ No 22
03/11/2018 14:03	57.0 VEH_MED From Earith @ No 22
03/11/2018 22:23	57.0 VEH_MED From Earith @ No 22
04/11/2018 05:25	56.0 VEH_MED From Earith @ No 22
04/11/2018 05:54	60.0 VEH_MED From Earith @ No 22
04/11/2018 06:00	58.0 VEH_MED From Earith @ No 22
04/11/2018 08:46	58.0 VEH_MED From Earith @ No 22