

# Traffic Report

Sites: Site 09 (Macclesfield Rd, opposite 69) Solar Panel Assembly

Dates: Tue Oct 10 2017 - Sat Dec 9 2017

Directions: Westbound

## Vehicle Speed Classes (Mph)

	<15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	>70	Total	85th Percentile	Average Voltage
00:00	4	3	11	71	111	147	148	111	59	20	5	2	0	692	48.0	10.80V
01:00	0	4	12	30	33	77	71	75	26	14	2	<b>4</b>	<b>2</b>	350	48.7	10.82V
02:00	0	0	3	14	31	42	35	21	16	7	4	1	1	175	49.5	10.79V
03:00	5	0	7	22	18	57	49	56	25	10	3	0	0	252	<b>49.0</b>	10.79V
04:00	3	1	9	18	51	92	72	89	32	8	1	1	0	377	47.8	10.81V
05:00	10	5	10	63	100	181	178	140	68	19	<b>10</b>	2	1	787	48.4	10.81V
06:00	10	9	25	144	220	497	248	<b>214</b>	<b>83</b>	<b>31</b>	9	2	0	1492	46.0	10.82V
07:00	9	10	44	218	452	684	303	183	79	23	8	1	0	2014	43.9	10.64V
08:00	10	7	53	283	727	784	293	156	39	15	1	0	2	2370	40.8	10.52V
09:00	26	24	179	719	1737	<b>1481</b>	443	188	55	10	2	1	0	4865	38.8	10.42V
10:00	48	33	181	706	1724	1202	454	161	50	7	1	1	0	4568	38.9	10.44V
11:00	<b>56</b>	<b>47</b>	<b>293</b>	<b>897</b>	<b>2030</b>	1369	<b>462</b>	210	47	7	3	0	0	<b>5421</b>	38.5	10.53V
12:00	34	37	257	895	<b>2850</b>	1957	<b>687</b>	<b>278</b>	74	13	1	1	0	<b>7084</b>	38.9	10.44V
13:00	197	<b>186</b>	<b>334</b>	<b>921</b>	2398	<b>2007</b>	537	265	48	13	4	0	0	6910	38.2	10.36V
14:00	150	91	260	741	2366	1460	397	173	39	11	3	0	0	5691	37.4	10.35V
15:00	117	91	182	604	1947	1086	299	125	29	5	2	0	0	4487	37.1	10.77V
16:00	<b>242</b>	182	318	712	1381	839	218	81	10	2	1	0	0	3986	36.2	10.83V
17:00	230	101	126	382	1077	1165	262	127	32	3	3	0	1	3509	38.4	10.79V
18:00	13	13	130	351	1253	1581	543	203	72	14	2	1	0	4176	40.2	10.79V
19:00	14	5	96	279	782	1475	531	275	77	<b>27</b>	9	1	1	3572	41.9	10.79V
20:00	7	9	47	205	482	1123	522	230	<b>92</b>	17	6	3	0	2743	43.1	10.81V
21:00	7	6	48	194	406	637	446	190	78	22	10	2	1	2047	43.9	10.75V
22:00	3	3	45	183	364	662	373	179	73	11	<b>11</b>	<b>4</b>	<b>2</b>	1913	43.9	10.77V
23:00	6	1	38	150	261	288	240	176	66	27	8	4	0	1265	<b>46.7</b>	10.78V
AM Total	181	143	827	3185	<b>7234</b>	6613	2756	1604	579	171	49	15	6			
PM Total	1020	725	1881	5617	<b>15567</b>	14280	5055	2302	690	165	60	16	5			
Total	1201	868	2708	8802	<b>22801</b>	20893	7811	3906	1269	336	109	31	11			
Percent	1.70%	1.23%	3.83%	12.44%	<b>32.23%</b>	29.53%	11.04%	5.52%	1.79%	0.47%	0.15%	0.04%	0.02%			

Total Vehicles : 70746

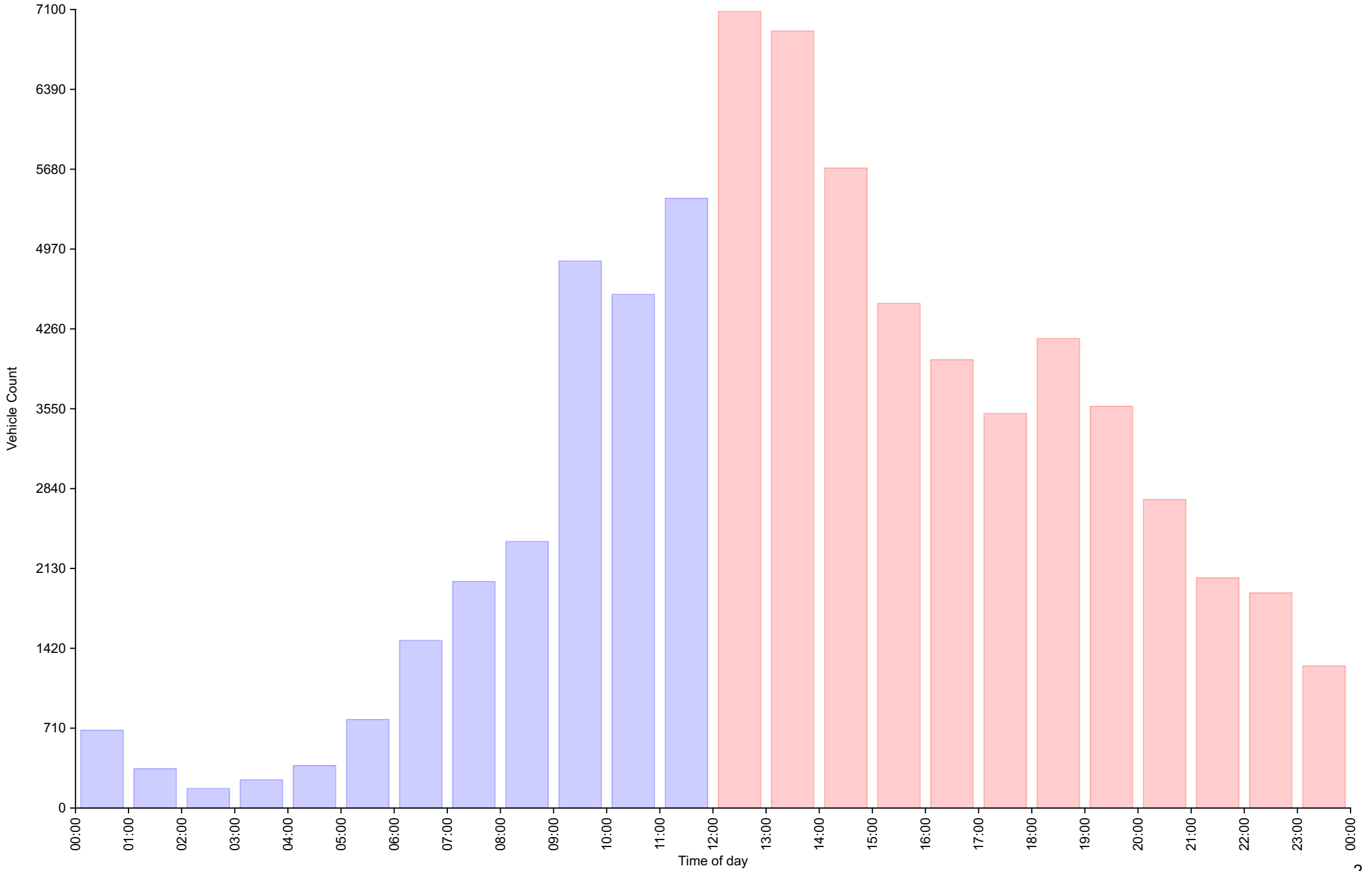
30th Percentile : 31.1 MPH  
 50th Percentile : 33.8 MPH  
 85th Percentile : 40.4 MPH  
 95th Percentile : 46.3 MPH

Average Speed : 34.4 MPH  
 Highest Speed : 80.0 MPH

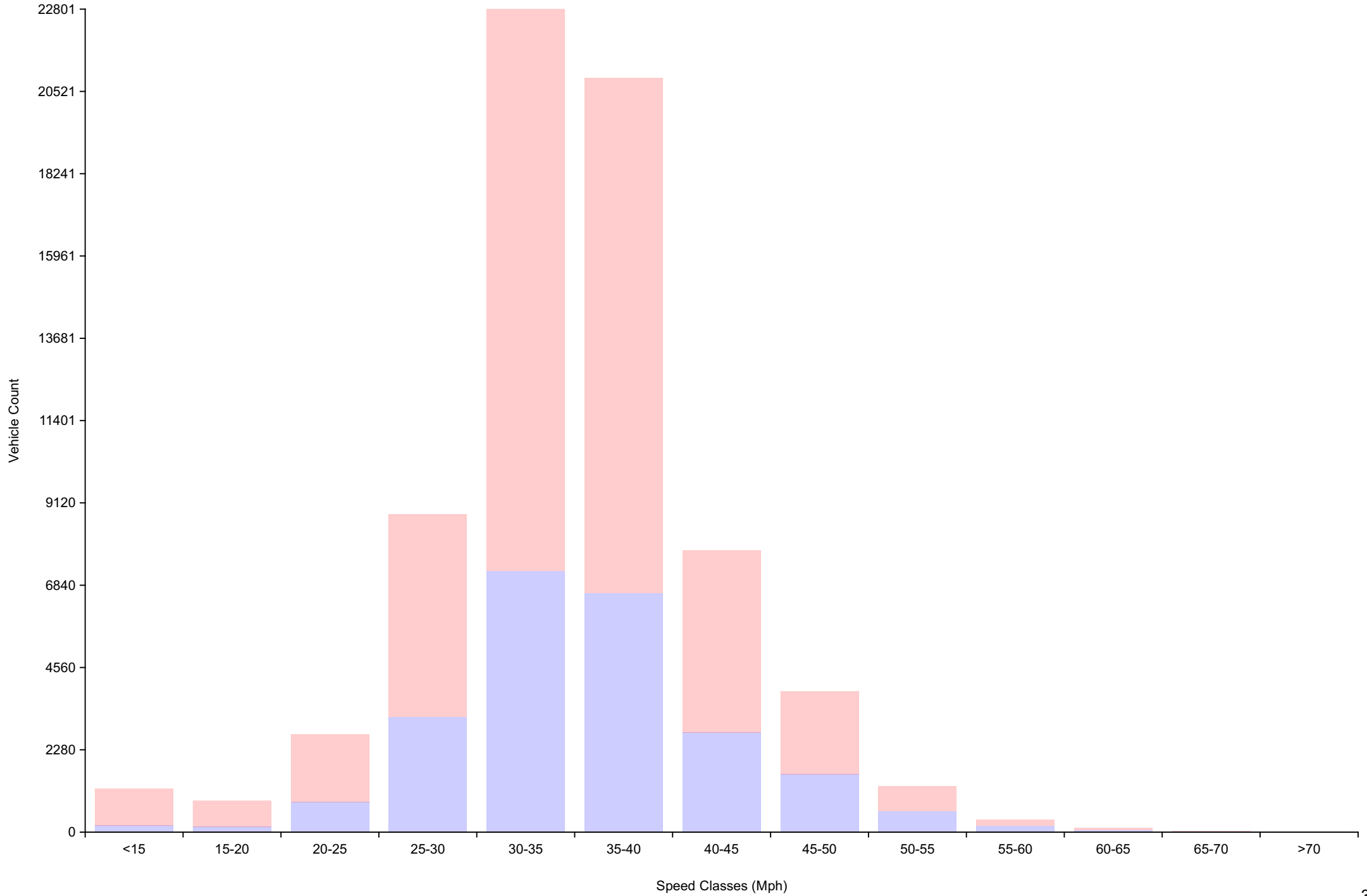
Total Over Speed Limit : 78.3 % (55360 / 70746)

# Vehicle Counts By Hour

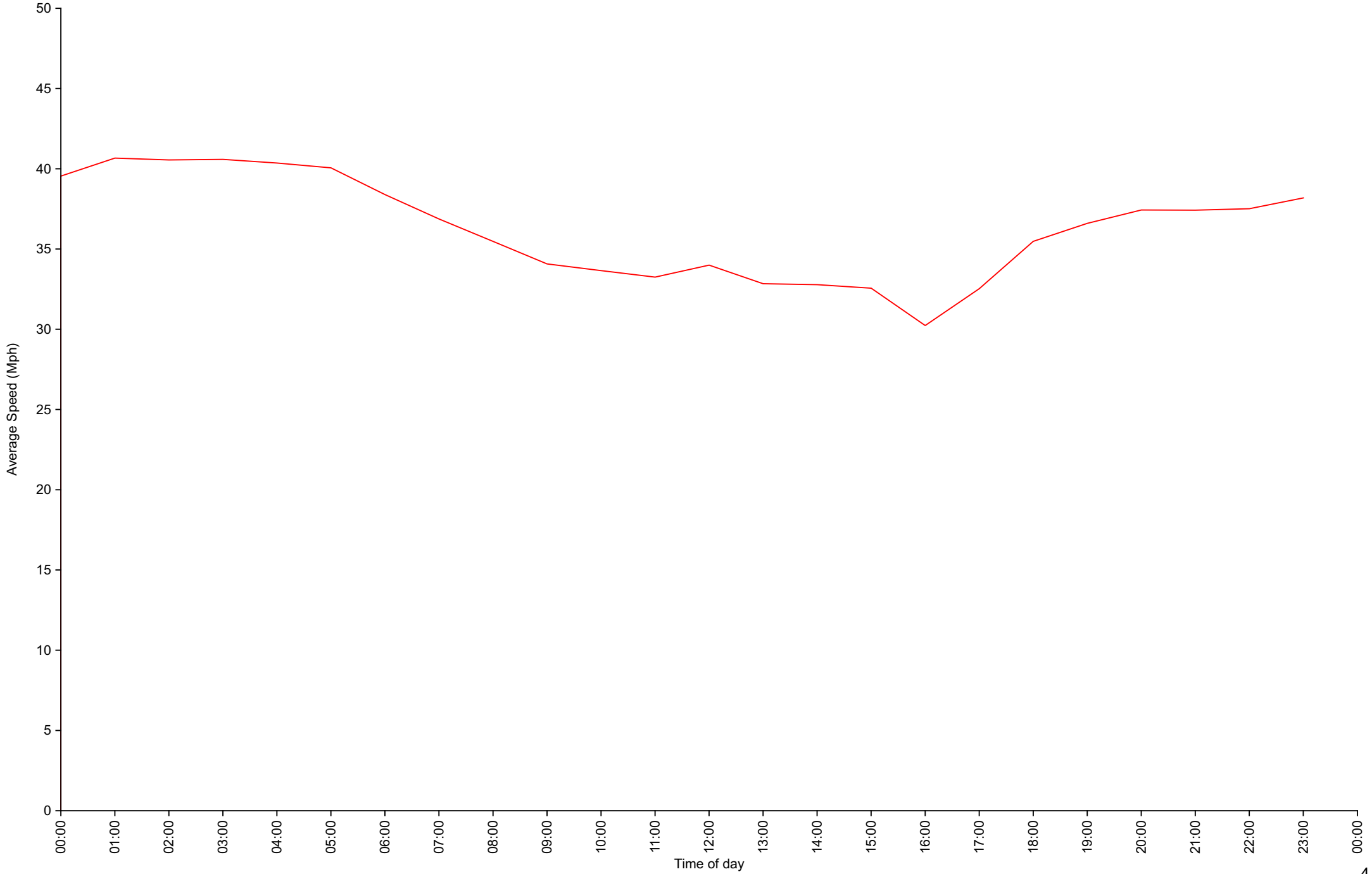
(60 Minute Resolution)



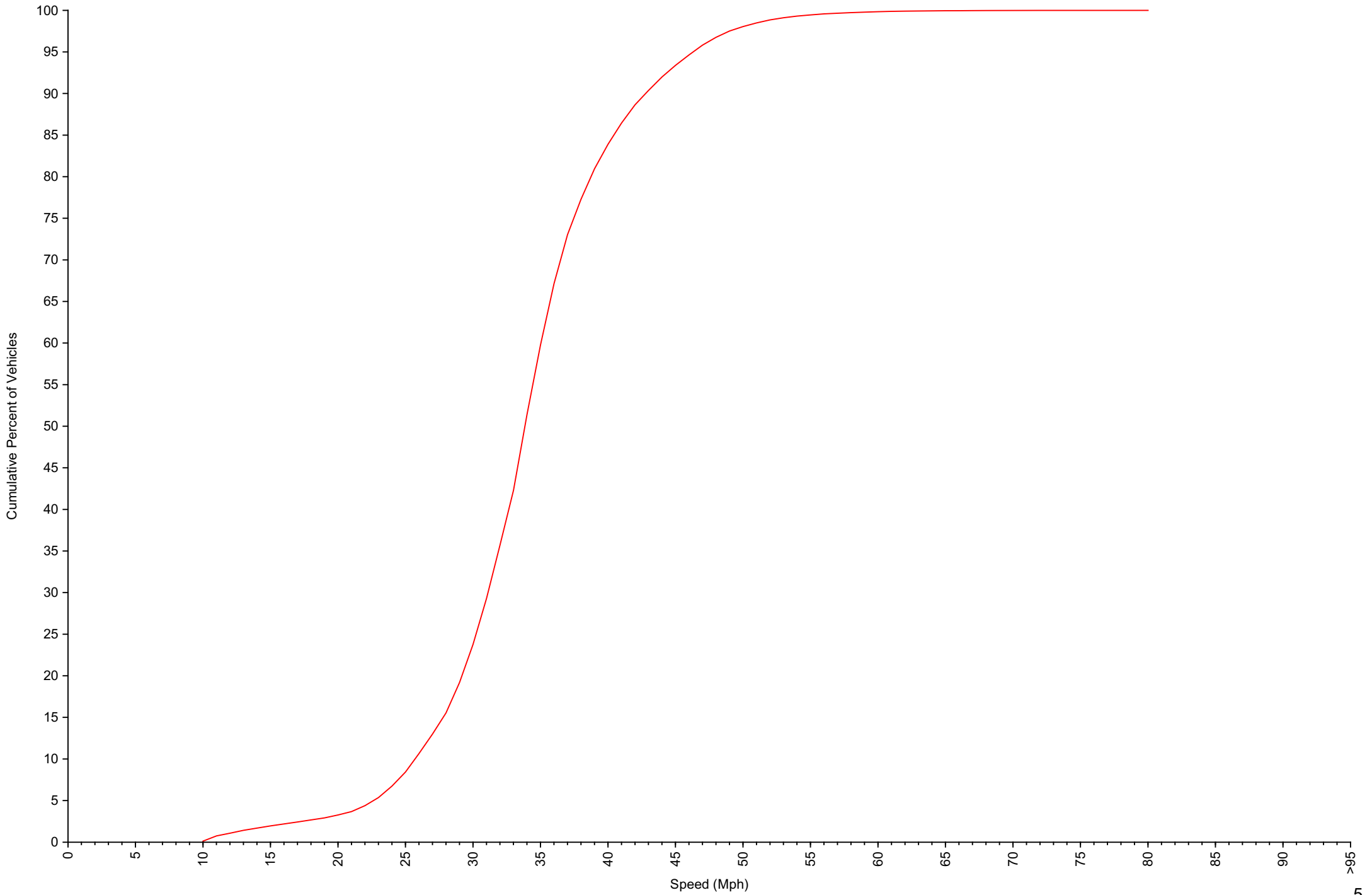
# Vehicle Counts By Speed Class



# Average Speed By Hour (60 Minute Resolution)



# Cumulative Speed Distribution Curve



Voltage by hour  
(5 Minute Resolution)

