

Traffic Report - Site01 31/12/15 to 16/05/16 - Data stopped recording on 16/5

Sites:Site 01 (Chester Rd Nr St Andrews Drive) Solar Panel Assembly

Dates:Thu Dec 31 2015 - Mon May 16 2016

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	92	237	575	2183	2827	1350	391	52	7	1	0	0	0	7715	35.9	13.75V
01:00	102	229	612	2231	2780	1249	343	51	4	0	0	0	0	7601	35.6	13.77V
02:00	115	237	614	2092	2695	1179	383	53	6	1	1	0	0	7376	35.6	13.24V
03:00	85	176	616	2015	2636	1176	365	58	7	2	0	0	0	7136	35.7	13.43V
04:00	115	213	571	2076	2712	1272	389	61	10	2	1	0	0	7422	35.9	13.58V
05:00	81	237	557	2201	2921	1343	399	62	6	0	0	0	0	7807	35.8	13.32V
06:00	125	250	593	2277	2818	1344	386	58	13	0	0	0	0	7864	35.8	13.31V
07:00	115	233	679	2251	2830	1284	421	51	8	5	0	0	0	7877	35.7	13.14V
08:00	122	244	652	2322	2794	1247	410	48	7	2	0	0	0	7848	35.7	13.13V
09:00	94	236	562	2175	2718	1237	398	69	9	2	0	0	0	7500	35.8	13.74V
10:00	87	226	637	2262	2818	1273	328	62	4	1	1	1	0	7700	35.7	13.30V
11:00	154	248	657	2255	2550	1178	334	52	2	0	3	0	0	7433	35.5	13.16V
12:00	119	207	646	2129	2602	1167	328	53	7	1	0	0	0	7259	35.6	13.69V
13:00	116	224	630	2128	2744	1255	363	60	5	0	0	0	0	7525	35.7	13.64V
14:00	86	219	622	2162	2805	1351	385	76	16	1	1	0	0	7724	36.0	13.81V
15:00	97	221	588	2119	2849	1307	409	78	12	1	0	0	0	7681	35.9	13.06V
16:00	106	243	573	2199	2541	1151	402	58	9	2	1	0	0	7285	35.8	13.29V
17:00	88	237	582	2094	2612	1257	386	57	9	2	0	0	0	7324	35.9	13.24V
18:00	88	234	604	2064	2782	1205	411	62	7	0	0	0	0	7457	36.0	13.60V
19:00	86	218	563	2013	2724	1323	373	78	11	2	0	0	0	7391	36.1	13.50V
20:00	81	237	560	2025	2502	1246	364	73	14	1	1	0	0	7104	36.0	13.53V
21:00	100	213	595	2071	2723	1281	369	71	13	2	0	0	0	7438	35.9	13.30V
22:00	109	270	624	2225	2684	1271	385	64	9	1	0	0	0	7642	35.9	13.18V
23:00	108	237	581	2181	2785	1258	386	57	6	0	0	0	0	7599	35.8	13.17V
AM Total	1287	2766	7325	26340	33099	15132	4547	677	83	16	6	1	0			
PM Total	1184	2760	7168	25410	32353	15072	4561	787	118	13	3	0	0			
Total	2471	5526	14493	51750	65452	30204	9108	1464	201	29	9	1	0			
Percent	1.37%	3.06%	8.02%	28.64%	36.22%	16.71%	5.04%	0.81%	0.11%	0.02%	0.00%	0.00%	0.00%			

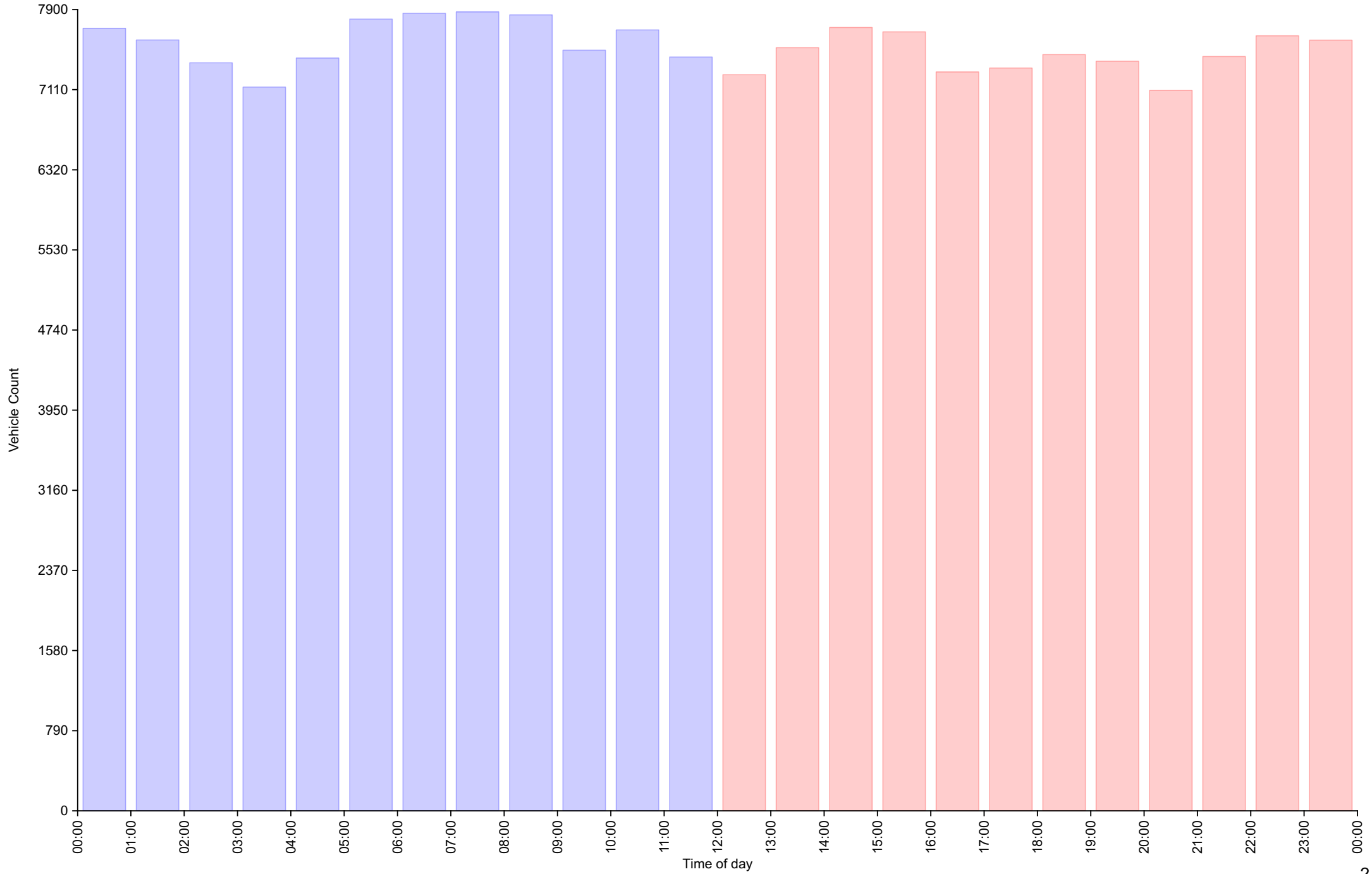
Total Vehicles : 180708

30th Percentile : 27.4 MPH
 50th Percentile : 30.0 MPH
 85th Percentile : 35.8 MPH
 95th Percentile : 39.6 MPH

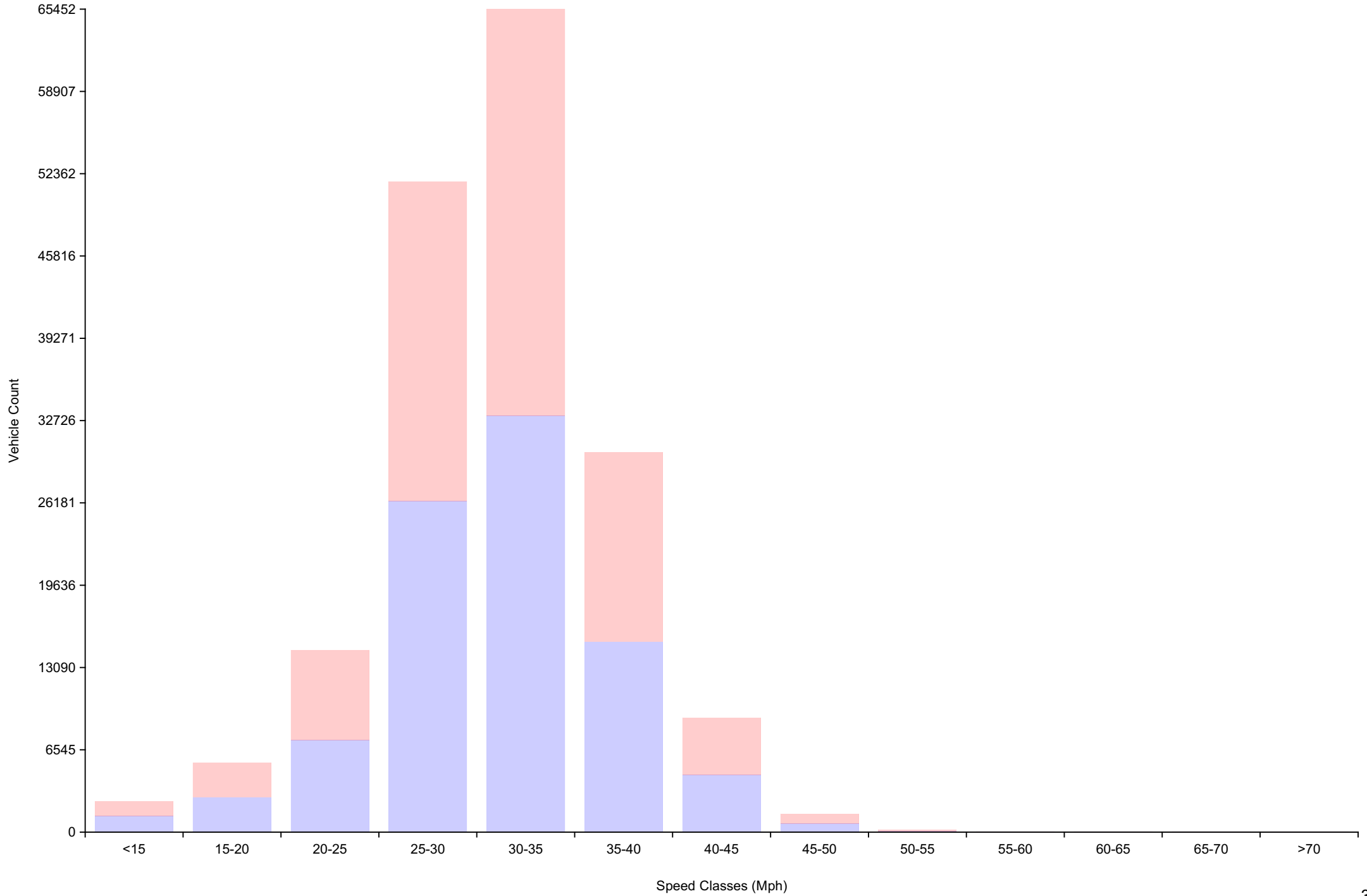
Average Speed : 30.5 MPH
 Highest Speed : 66.0 MPH

Total Over Speed Limit : 53.6 % (96882 / 180708)

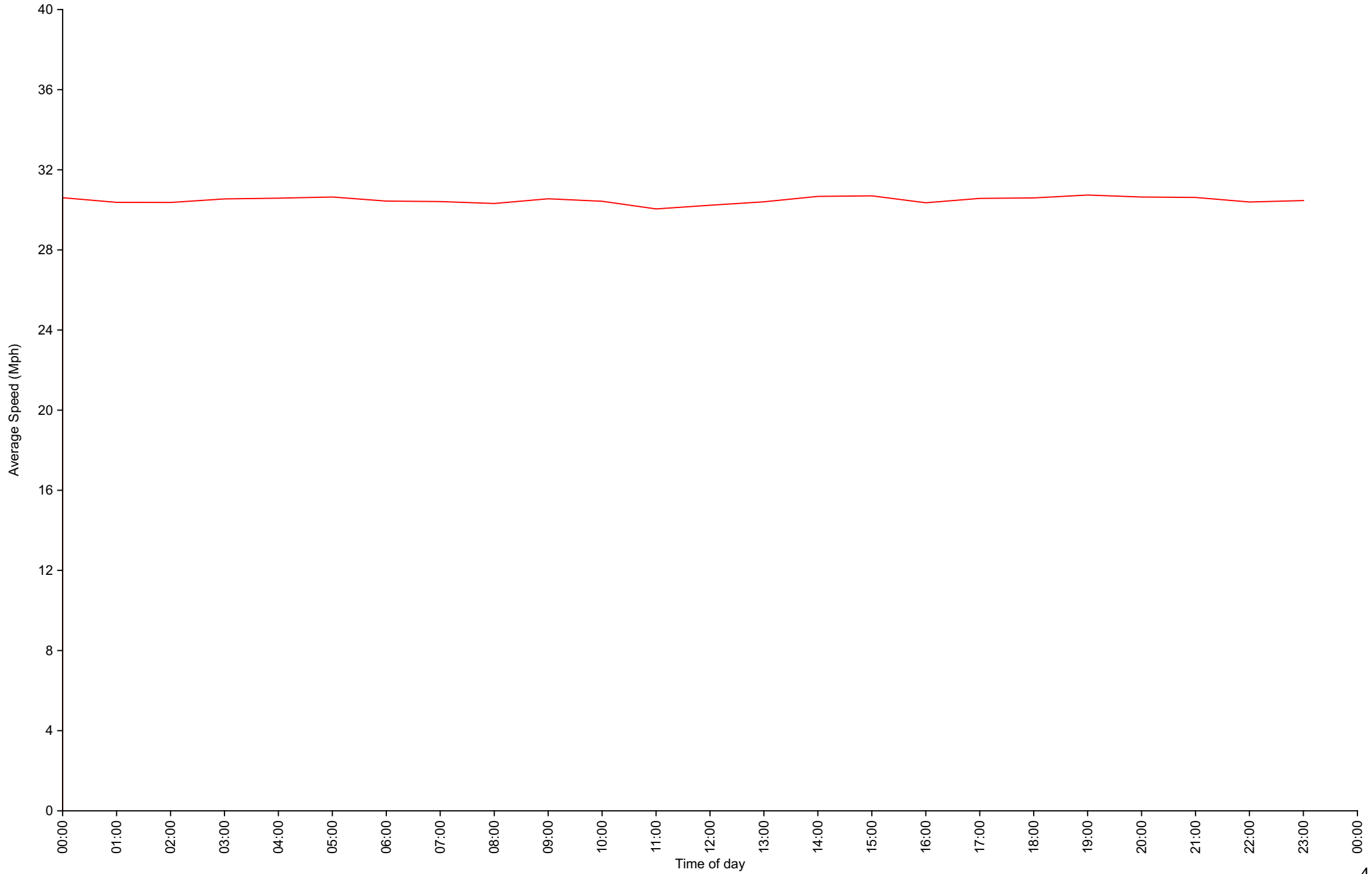
Vehicle Counts By Hour (60 Minute Resolution)



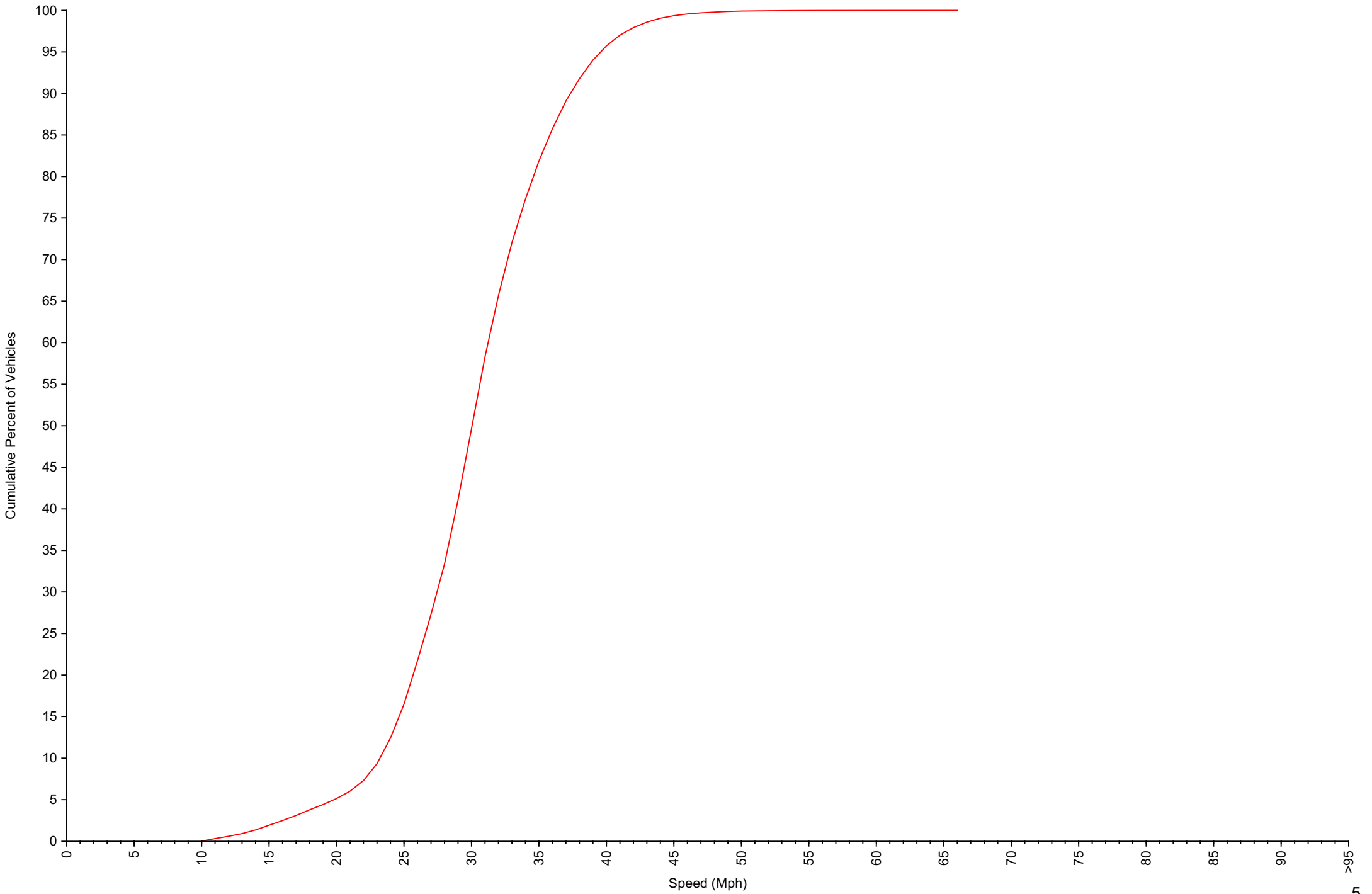
Vehicle Counts By Speed Class



Average Speed By Hour (60 Minute Resolution)



Cumulative Speed Distribution Curve



Voltage by hour
(5 Minute Resolution)

