

Traffic Report

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

Dates:Sun May 7 2017 - Tue Oct 10 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	7	16	69	425	702	552	293	86	30	6	1	1	0	2188	40.1	12.61V
01:00	4	10	43	191	348	318	194	70	23	4	0	0	0	1205	41.3	12.61V
02:00	13	3	20	96	264	323	181	87	21	5	2	0	1	1016	42.6	12.61V
03:00	6	4	18	130	312	293	235	103	39	6	1	3	1	1151	43.2	12.61V
04:00	13	10	47	293	629	537	320	159	70	15	5	2	1	2101	42.7	12.61V
05:00	86	75	133	650	1676	1540	863	369	104	16	2	0	0	5514	41.6	12.61V
06:00	92	113	231	1549	3662	3134	1349	481	119	29	3	1	0	10763	40.0	12.44V
07:00	325	286	848	4726	7436	4111	1506	370	85	19	6	0	0	19718	37.4	12.30V
08:00	372	384	1553	6610	8525	3936	1347	302	46	10	2	1	0	23088	36.2	12.32V
09:00	291	317	1448	7311	8897	3808	1190	235	38	10	0	1	0	23546	35.7	12.44V
10:00	315	382	1636	8114	9222	3853	1091	194	35	4	3	0	0	24849	35.4	12.90V
11:00	348	433	1889	8991	10087	3931	1196	199	28	1	3	0	0	27106	35.2	12.29V
12:00	426	444	1935	8860	10484	4222	1177	239	33	5	1	0	0	27826	35.2	12.63V
13:00	361	432	1581	8370	10237	4275	1336	217	47	7	1	0	0	26864	35.6	13.07V
14:00	429	442	2044	8933	10584	4186	1225	271	43	7	4	0	0	28168	35.3	12.33V
15:00	455	468	1939	9327	12666	4669	1472	266	44	5	0	1	0	31312	35.3	12.26V
16:00	451	435	1720	8794	13656	5424	1711	337	66	12	2	0	0	32608	35.8	12.41V
17:00	466	431	1621	8188	12678	5299	1737	364	65	13	2	0	0	30864	36.0	12.61V
18:00	276	325	1191	6223	9645	4614	1639	373	71	14	2	0	0	24373	36.7	12.61V
19:00	146	216	845	4373	6257	3633	1244	260	63	15	3	3	0	17058	37.1	12.61V
20:00	97	118	576	3367	4247	2572	908	203	50	10	1	1	1	12151	37.2	12.61V
21:00	47	75	358	2338	3165	1699	599	164	57	19	11	0	1	8533	37.2	12.61V
22:00	23	45	191	1559	2266	1299	459	160	53	6	2	2	0	6065	37.7	12.61V
23:00	10	21	98	750	1289	927	381	113	36	9	5	1	1	3641	39.0	12.61V
AM Total	1872	2033	7935	39086	51760	26336	9765	2655	638	125	28	9	3			
PM Total	3187	3452	14099	71082	97174	42819	13888	2967	628	122	34	8	3			
Total	5059	5485	22034	110168	148934	69155	23653	5622	1266	247	62	17	6			
Percent	1.29%	1.40%	5.63%	28.13%	38.02%	17.65%	6.04%	1.44%	0.32%	0.06%	0.02%	0.00%	0.00%			

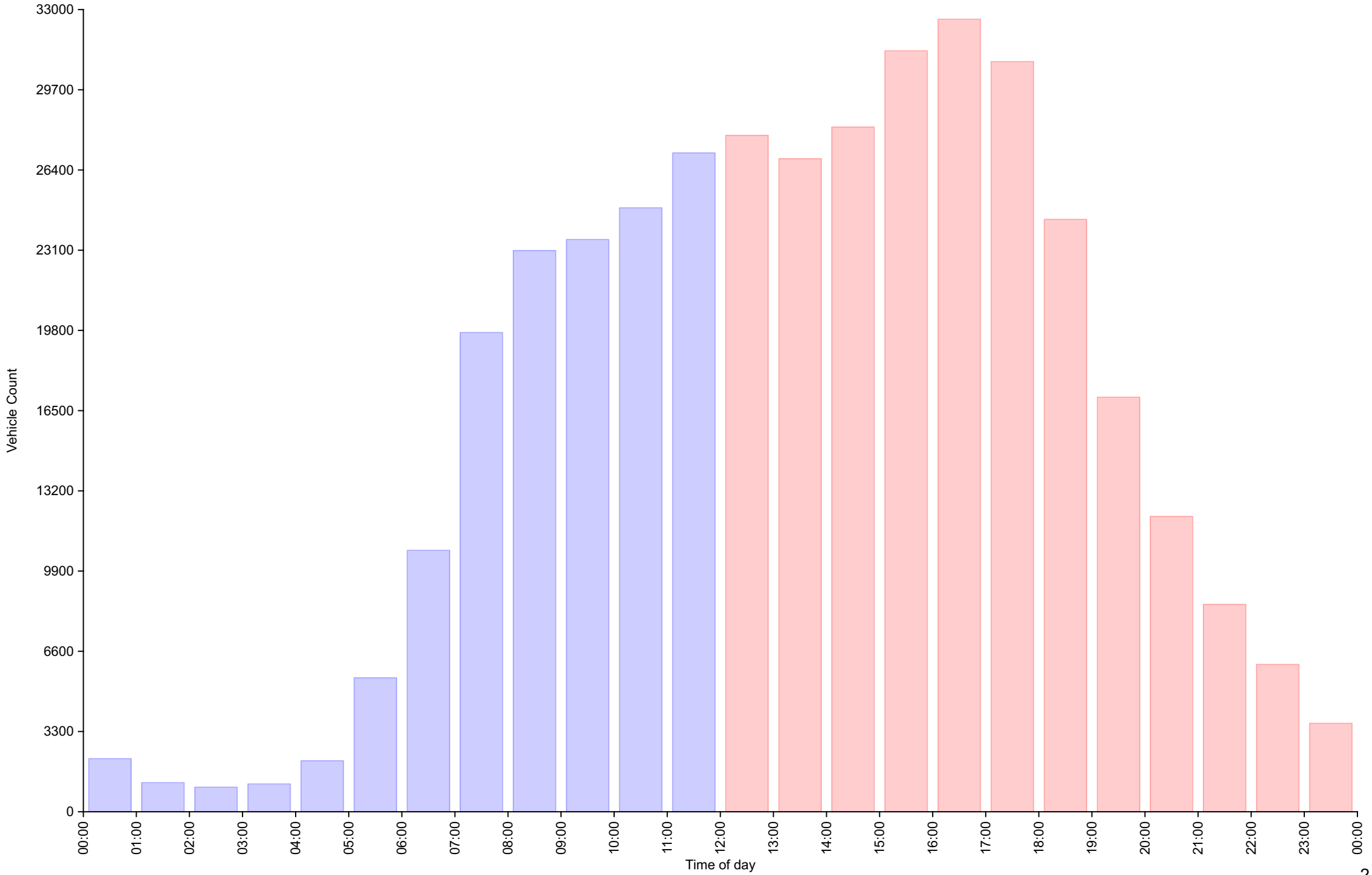
Total Vehicles : 391708

30th Percentile : 28.2 MPH
 50th Percentile : 30.6 MPH
 85th Percentile : 36.4 MPH
 95th Percentile : 40.7 MPH

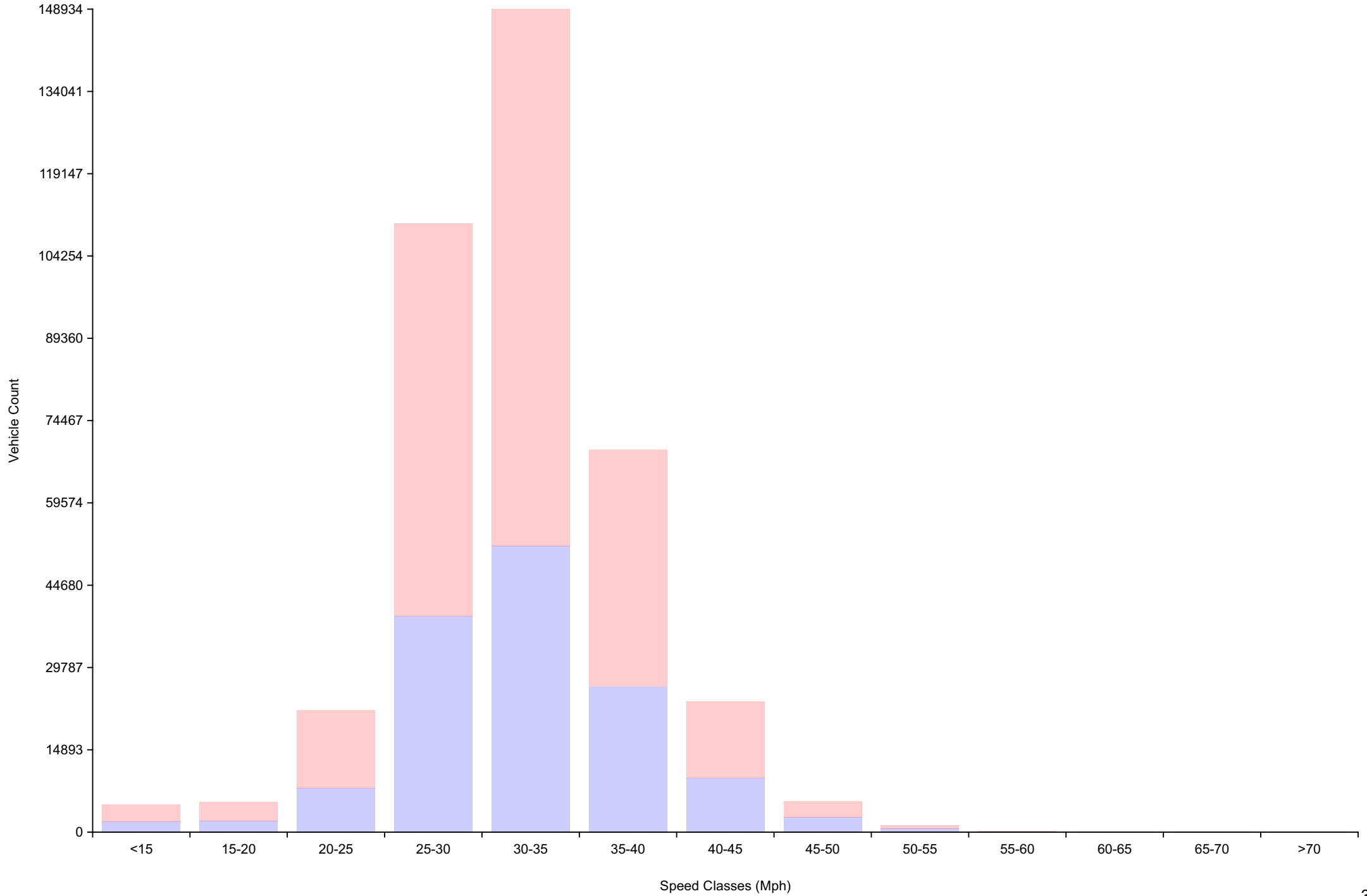
Average Speed : 31.4 MPH
 Highest Speed : 77.0 MPH

Total Over Speed Limit : 57.9 % (226916 / 391708)

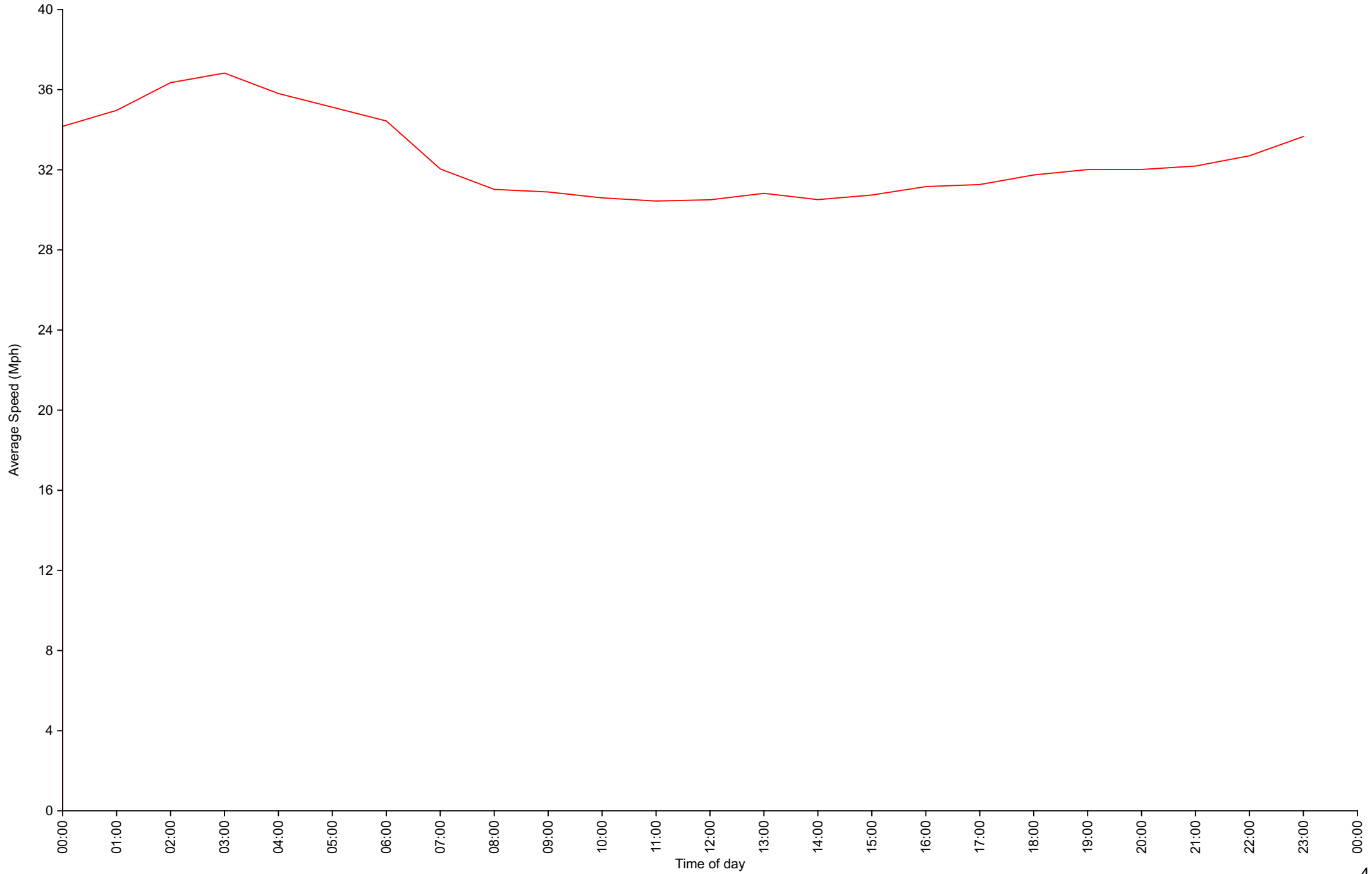
Vehicle Counts By Hour (60 Minute Resolution)



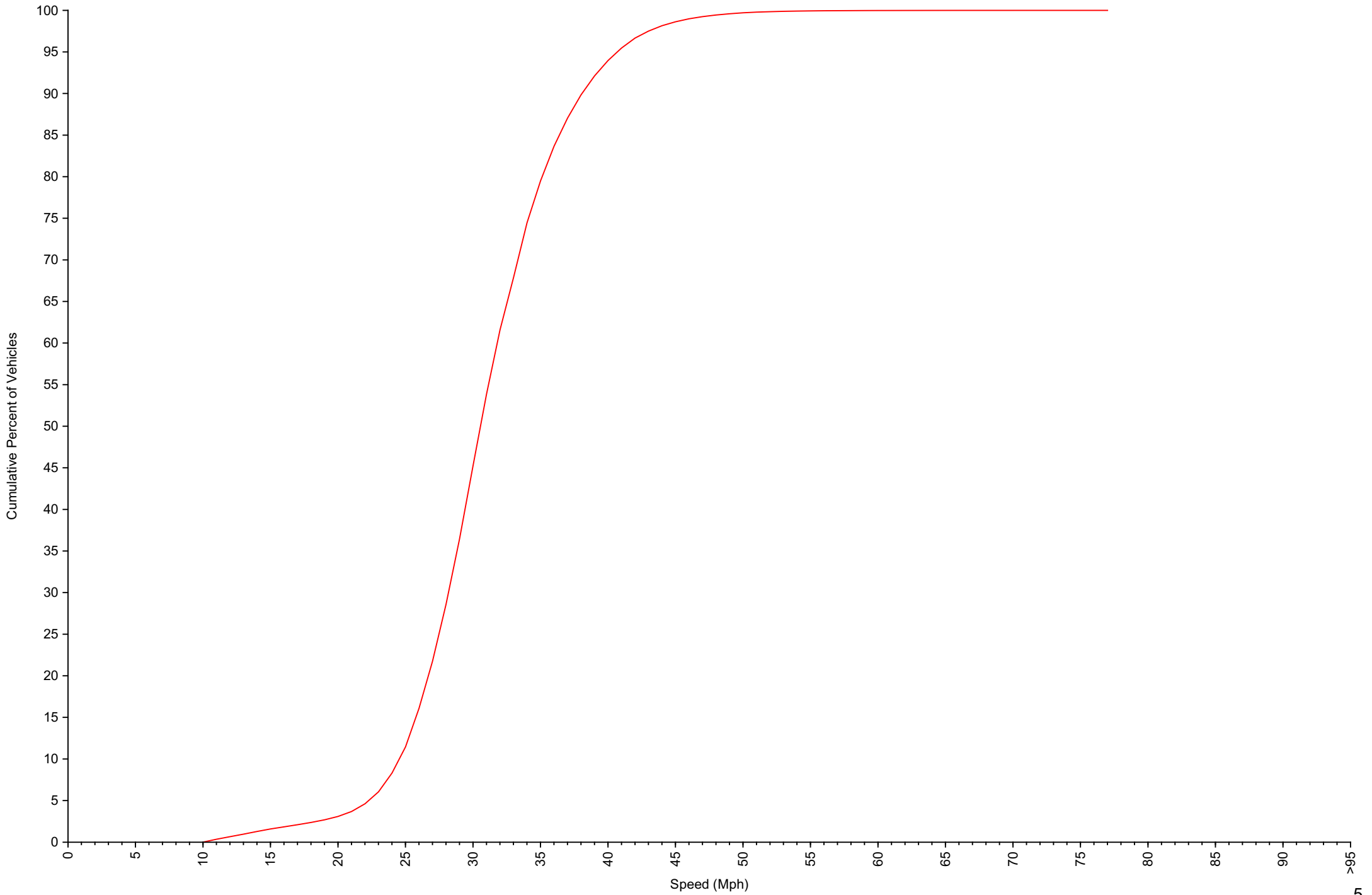
Vehicle Counts By Speed Class



Average Speed By Hour (60 Minute Resolution)



Cumulative Speed Distribution Curve



Voltage by hour
(5 Minute Resolution)

