

Traffic Report

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

Dates:Mon Jul 16 2018 - Wed Oct 31 2018

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	2	4	23	165	300	287	159	53	16	4	0	2	1	1016	40.6	12.09V
01:00	3	1	16	87	181	174	104	67	12	7	2	0	0	654	43.5	12.08V
02:00	0	2	10	60	179	210	113	66	21	4	1	1	0	667	43.5	12.09V
03:00	2	1	7	71	233	270	171	106	32	10	2	1	0	906	44.5	12.06V
04:00	35	20	47	411	937	858	480	175	55	9	5	3	2	3037	41.3	12.08V
05:00	38	26	126	954	2006	2072	1018	346	92	12	1	2	0	6693	40.7	12.07V
06:00	207	158	421	2590	4657	3095	1264	324	67	10	3	0	0	12796	38.5	11.89V
07:00	186	196	1112	5417	8254	3756	1266	227	36	6	0	0	0	20456	36.4	11.74V
08:00	157	202	1048	5093	7298	3390	1178	188	30	0	0	0	0	18584	36.3	11.78V
09:00	167	176	1187	5435	6886	3270	940	170	21	3	0	1	0	18256	36.0	11.76V
10:00	143	215	1369	6064	7184	3179	960	164	16	1	1	0	0	19296	35.7	11.82V
11:00	230	260	1540	6587	7795	3265	912	142	21	4	1	0	0	20757	35.4	11.79V
12:00	220	260	1455	6205	7873	3241	929	144	26	2	0	0	0	20355	35.5	11.89V
13:00	228	222	1282	6112	8120	3465	1017	196	30	5	4	0	0	20681	35.8	11.87V
14:00	202	210	1537	6684	8825	3589	1044	173	30	7	2	1	0	22304	35.6	11.87V
15:00	217	229	1344	6521	10364	4014	1325	224	31	8	3	0	0	24280	35.9	12.06V
16:00	265	249	1350	6463	10450	3979	1323	233	44	3	0	0	1	24360	35.8	12.09V
17:00	112	143	1024	5064	8197	3915	1226	259	41	6	1	0	0	19988	36.6	12.09V
18:00	57	97	730	3821	5256	2876	1008	184	36	11	1	0	0	14077	36.9	12.07V
19:00	41	53	435	2553	3492	2062	774	165	32	10	2	1	0	9620	37.3	12.06V
20:00	23	28	287	1794	2460	1471	529	154	37	12	0	0	0	6795	37.7	12.07V
21:00	5	14	172	1165	1646	1026	484	120	35	12	1	1	1	4682	38.7	12.06V
22:00	7	13	79	658	1036	706	297	100	23	12	2	1	1	2935	39.0	12.08V
23:00	5	1	38	351	660	478	231	80	20	3	1	1	0	1869	39.9	12.08V
AM Total	1170	1261	6906	32934	45910	23826	8565	2028	419	70	16	10	3			
PM Total	1382	1519	9733	47391	68379	30822	10187	2032	385	91	17	5	3			
Total	2552	2780	16639	80325	114289	54648	18752	4060	804	161	33	15	6			
Percent	0.86%	0.94%	5.64%	27.22%	38.73%	18.52%	6.36%	1.38%	0.27%	0.05%	0.01%	0.01%	0.00%			

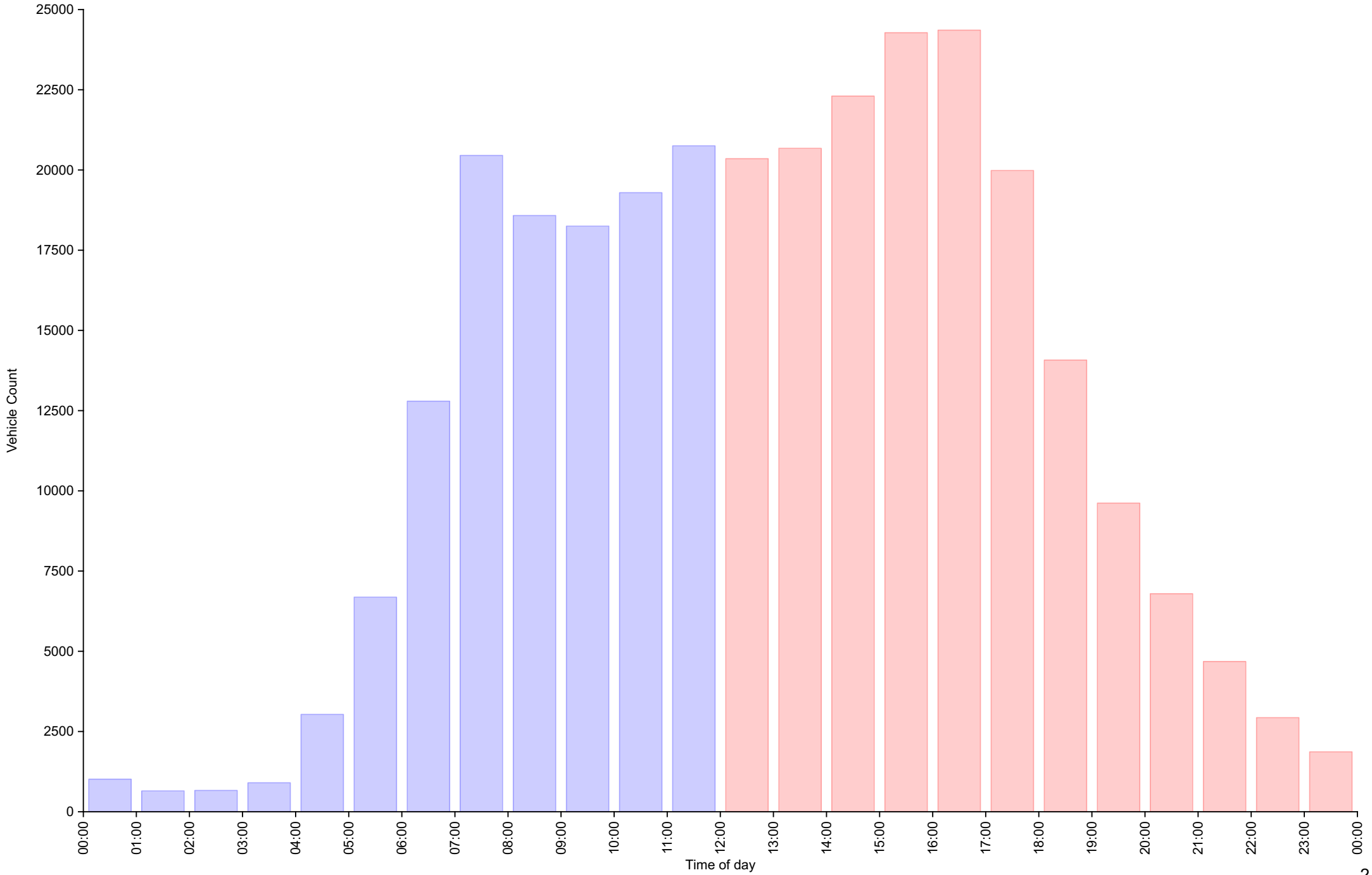
Total Vehicles : 295064

30th Percentile : 28.4 MPH
 50th Percentile : 30.8 MPH
 85th Percentile : 36.6 MPH
 95th Percentile : 40.7 MPH

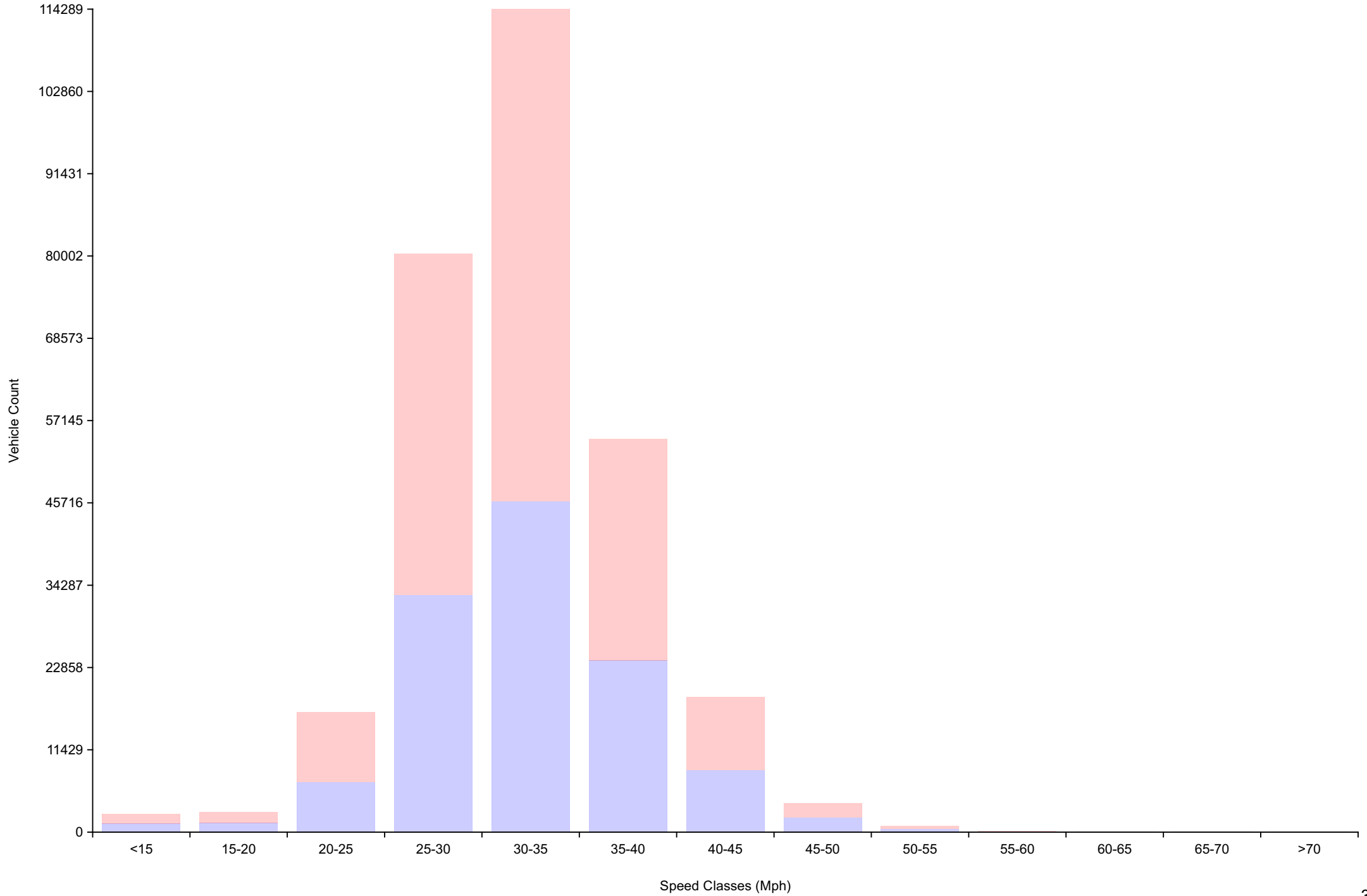
Average Speed : 31.6 MPH
 Highest Speed : 83.0 MPH

Total Over Speed Limit : 59.9 % (176842 / 295064)

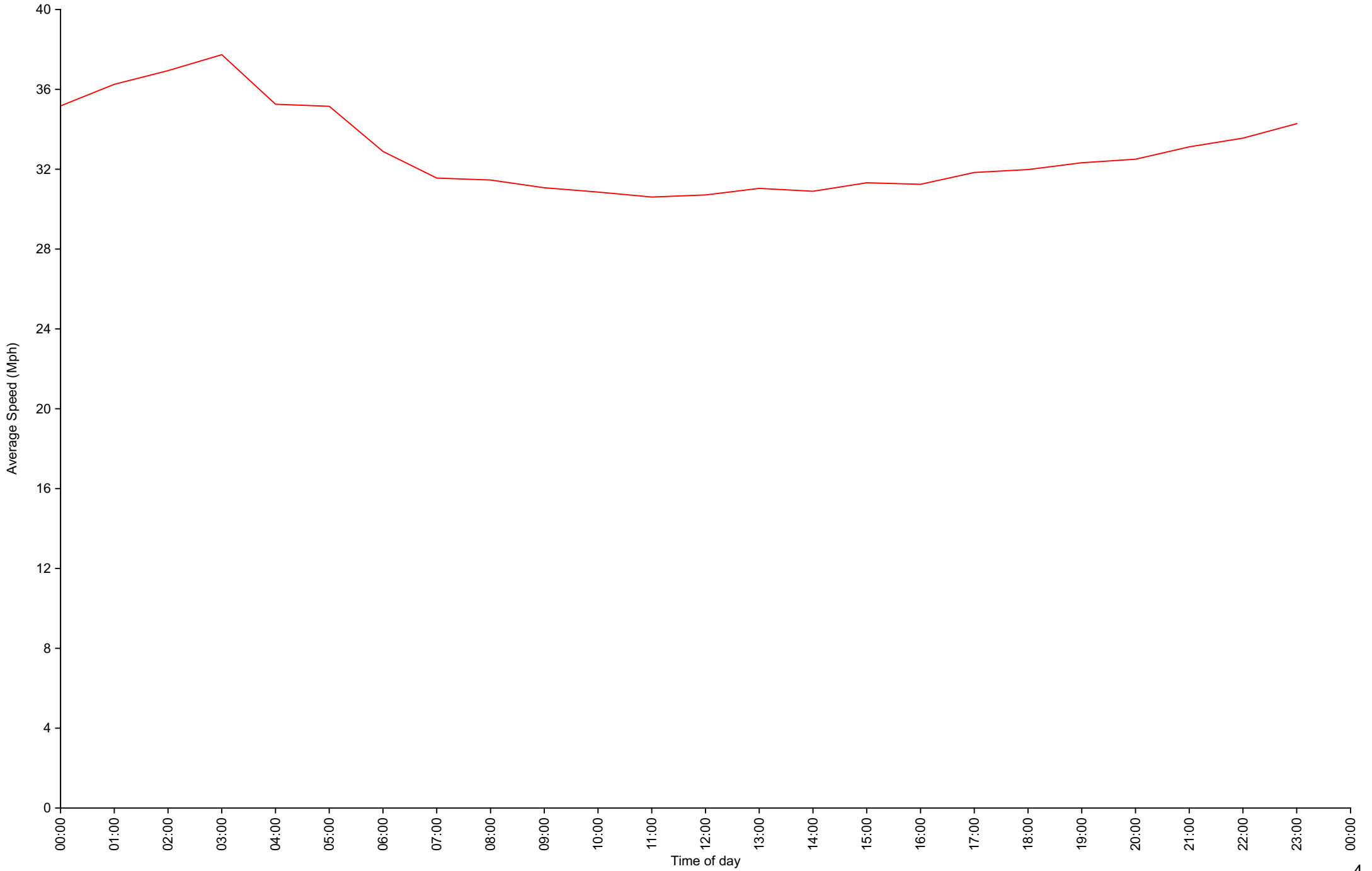
Vehicle Counts By Hour (60 Minute Resolution)



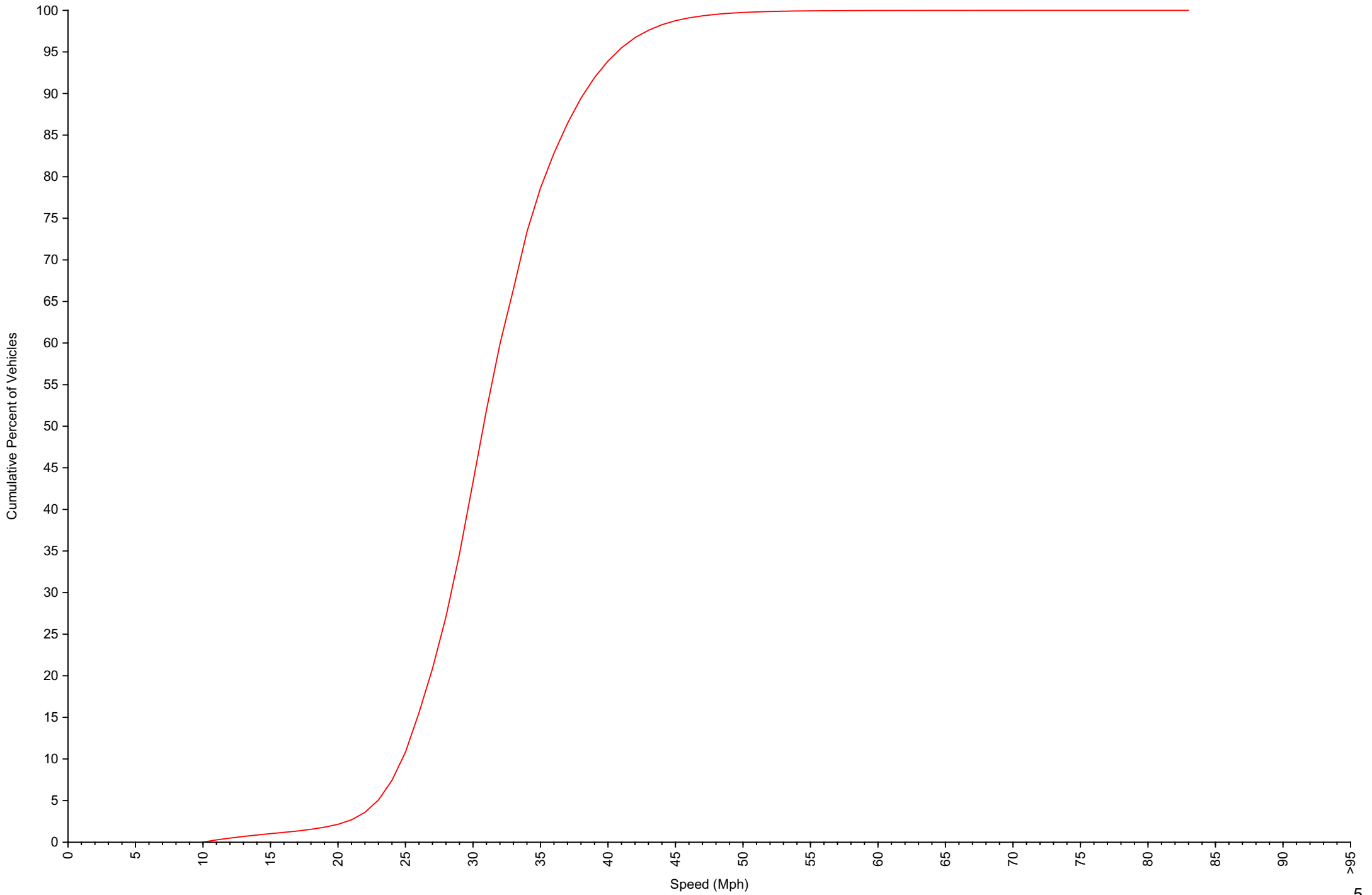
Vehicle Counts By Speed Class



Average Speed By Hour (60 Minute Resolution)



Cumulative Speed Distribution Curve



Voltage by hour
(5 Minute Resolution)

