

Incident:			
Incident Report Number:	Between: Date - Time	And/At: Date-Time	
Incident Location:			

Name (Last, First, Middle)	DOB:	Race/Sex
Address: (Address, City, State, Zip)		Phone 1
Employer		Phone 2
Employer Address		Work Phone #
Name (Last, First, Middle)	DOB:	Race/Sex
Address: (Address, City, State, Zip)		Phone 1
Employer		Phone 2
Employer Address		Work Phone #

NARRATIVE

**Speeding Complaint – Elm Avenue
Resident Complaints**

Due to numerous resident complaints regarding Speeding on Elm Avenue, a speed study was conducted using the JAMAR covert radar. The JAMAR covert radar is a small black box affixed to a telephone pole, which records traffic volume and speed.

Vehicle Information: (Year, Make, Model, Style, Color)			
License Number:	State:	Expiration Year:	Vin:
			Insurance Company:
Other Vehicle Information:			NCIC#
Reporting Officer(s):			Report Date:
Time Received:	Time Cleared:	Unit(s) Assigned:	Pages: 1 Of 14
Reviewed by:		Copy To	

Date: Incident Report Number:

Continuation

Incident Report Number

Incident Location:

Incident Date:

On Wednesday, October 2, 2024, I deployed the covert Jamar Radar Recorder in the area of Elm Avenue and Fourth Street. The Jamar Radar Recorder was affixed to a nearby telephone pole and recorded both Eastbound and Westbound traffic on Elm Avenue. The Radar Recorder was deployed for a period of seven (7) days and recorded a total of 39,664 vehicles.

I then downloaded the data from the recorder and produced a Speed Enforcement Evaluator Sheet. The Speed Enforcement Evaluator was calibrated for an Enforcement Tolerance of 6 MPH, or a vehicle speed of 32 MPH and above. I also produced a Speed Enforcement Evaluator with an Enforcement Tolerance set at 10 MPH or a vehicle speed of 36 MPH and above. The following are the results of the data:

Speed Enforcement Evaluator (32 MPH and above)

The total percentage of Enforceable Violations (Vehicles traveling over 42 MPH) was found to be LOW with 44.3% of vehicles above the limit (32MPH).

Speed Enforcement Evaluator (36 MPH and above)

The total percentage of Enforceable Violations (Vehicles traveling over 36 MPH) was found to be LOW with 13.7% of vehicles above the limit (36MPH).

I have attached all generated data sheets to this report for reference.

I then produced the Data Summary for the Traffic Study. The combined speed statistics (for Eastbound and Westbound traffic) revealed that the Average Mean Speed of vehicles was 31 MPH. It was found that there were 734 vehicles traveling over 40 MPH, out of a total of 39,664 vehicles. This represents just 1.85% of vehicles. The 85th percentile speed is 34 MPH, meaning that 85% of traffic is traveling at or below 34 MPH.

Reporting Officer(s):

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Continuation

Incident Report Number

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It was found that there is a *mild* speeding issue at the target location. While the majority of traffic is at or below 34 MPH, the occasional vehicle is traveling above that speed. The results reveal that the complaining residents may also be observing a volume issue for the size of the residential street, as approximately 6,000 vehicles travel the road daily. It is also important to note that several residents report seeing vehicles speeding on the fixed mounted radar sign traveling eastbound from Route 45. The speed limit prior to this sign is 35MPH, and the sign displays their speed while they are still in the 35 MPH limit. Much of the traffic then slows down once they enter the 25 MPH zone and pass by the sign.

The idea of installing speed bumps has also been raised by several residents. It should be noted, under New Jersey law, Speed bumps can only be installed on local residential streets with average daily traffic of less than 3,000 vehicles. Elm Avenue averages well over 3,000 vehicles daily and is also a county roadway.

I also generated a Best Times for Enforcement chart which was shared with patrol.

Detective J. Duffy #3100

Woodbury City Police Department Traffic Unit

Reporting Officer(s):

Pages:

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Woodbury City Police Department
Traffic Unit
220 South Broad Street
Woodbury, NJ 08096

Site Code: 00000001
 Station ID:
 Elm Avenue
 Fourth Street
 Latitude: 0' 0.0000 South

Westbound

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	1	10	115	1304	7415	9333	2428	243	28	11	4	1	0

85 percentile = 34

Eastbound

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	1	15	176	1599	7516	6689	2279	387	54	6	0	0	0

85 percentile = 35

Combined

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	2	25	291	2903	14931	16022	4707	630	82	17	4	1	0

85 percentile = 34



Woodbury City Police Department
Traffic Unit
220 South Broad Street
Woodbury, NJ 08096

Site Code: 00000001
 Station ID:
 Elm Avenue
 Fourth Street
 Latitude: 0' 0.0000 South

Westbound

Date\Speed (MPH)	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	Total
10/2/2024	0	0	32	11	155	945	1039	238	21	3	4	0	1	0	2449
10/3/2024	0	0	1	18	199	1213	1548	363	29	5	2	1	0	0	3379
10/4/2024	0	1	1	14	213	1171	1485	385	45	5	1	0	0	0	3321
10/5/2024	0	0	2	19	188	854	1306	342	40	1	2	0	0	0	2754
10/6/2024	0	0	0	15	164	787	1003	269	30	1	0	1	0	0	2270
10/7/2024	0	0	3	21	155	1044	1261	366	34	8	1	1	0	0	2894
10/8/2024	0	0	1	12	179	1159	1380	371	33	3	1	1	0	0	3140
10/9/2024	0	0	1	5	54	242	311	94	11	2	0	0	0	0	720
Westbound Total	0	1	41	115	1307	7415	9333	2428	243	28	11	4	1	0	20927

85 percentile = 34

Eastbound

Date\Speed (MPH)	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	Total
10/2/2024	0	0	10	17	206	973	807	221	44	7	2	0	0	0	2287
10/3/2024	0	1	4	36	257	1289	1052	372	67	3	1	0	0	0	3082
10/4/2024	0	0	4	29	258	1167	961	402	60	7	0	0	0	0	2888
10/5/2024	0	0	0	34	207	867	937	314	58	10	2	0	0	0	2429
10/6/2024	0	0	1	12	173	780	723	231	53	10	1	0	0	0	1984
10/7/2024	0	0	3	28	201	1030	973	314	46	6	0	0	0	0	2601
10/8/2024	0	0	1	17	256	1177	1027	344	46	8	0	0	0	0	2876
10/9/2024	0	0	0	3	46	234	210	81	13	3	0	0	0	0	590
Eastbound Total	0	1	23	176	1604	7517	6690	2279	387	54	6	0	0	0	18737

85 percentile = 35

Combined

Date\Speed (MPH)	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	Total
10/2/2024	0	0	42	28	361	1918	1846	459	65	10	6	0	1	0	4736
10/3/2024	0	1	5	54	456	2502	2600	735	96	8	3	1	0	0	6461
10/4/2024	0	1	5	43	471	2338	2446	787	105	12	1	0	0	0	6209
10/5/2024	0	0	2	53	395	1721	2243	656	98	11	4	0	0	0	5183
10/6/2024	0	0	1	27	337	1567	1726	500	83	11	1	1	0	0	4254
10/7/2024	0	0	6	49	356	2074	2234	680	80	14	1	1	0	0	5495
10/8/2024	0	0	2	29	435	2336	2407	715	79	11	1	1	0	0	6016
10/9/2024	0	0	1	8	100	476	521	175	24	5	0	0	0	0	1310
Combined Total	0	2	64	291	2911	14932	16023	4707	630	82	17	4	1	0	39664

85 percentile = 34



Woodbury City Police Department

Traffic Unit

220 South Broad Street
Woodbury, NJ 08096

Speed Enforcement Evaluator

Location:
Elm Avenue

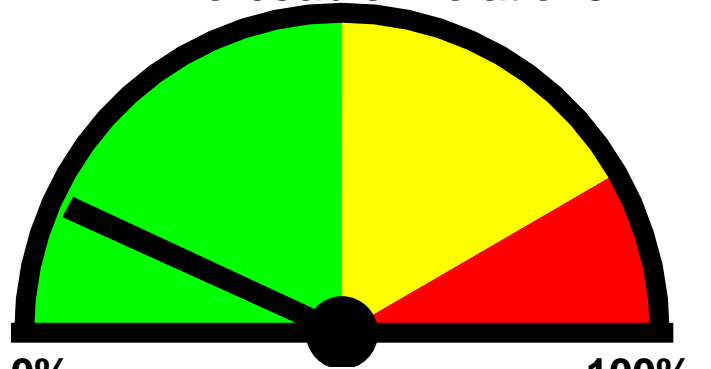
Closest Cross Street:
Fourth Street

Analysis Dates:
Wednesday, October 2, 2024
Wednesday, October 9, 2024

Equipment Used:
JAMAR Covert Radar

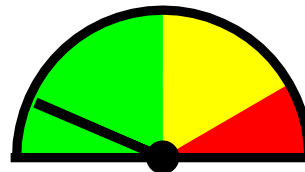
Installed By:
Det. J. Duffy #3100

Total Percentage of Enforceable Violations



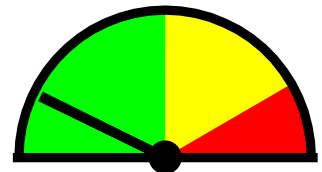
0% 100%
Posted Speed Limit: 25 MPH
Enforcement Tolerance: 10 MPH
Enforcement Limit: 36 MPH & Up
Percentage Above Limit: 13.7%
Enforcement Rating: **LOW**

Westbound



Percent Above Limit: 13.0%
Enforcement Rating: **LOW**

Eastbound



Percent Above Limit: 14.6%
Enforcement Rating: **LOW**



Woodbury City Police Department

Traffic Unit

220 South Broad Street
Woodbury, NJ 08096

Speed Enforcement Evaluator

Location:
Elm Avenue

GPS:
0' 0.0000 South
0' 0.0000 East

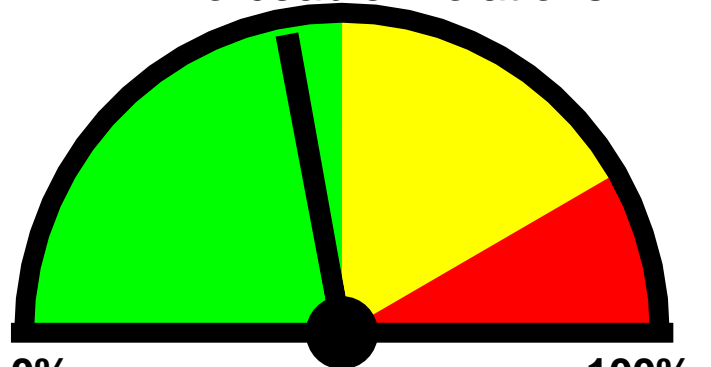
Closest Cross Street:
Fourth Street

Analysis Dates:
Wednesday, October 2, 2024
Wednesday, October 9, 2024

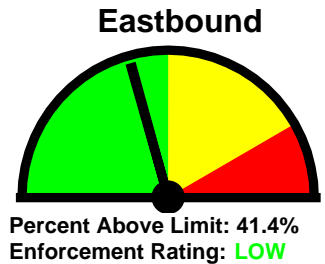
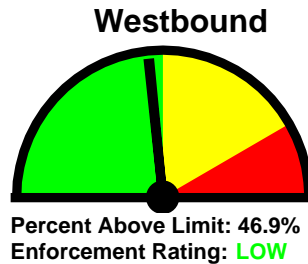
Equipment Used:
JAMAR Covert Radar

Installed By:
Det. J. Duffy #3100

Total Percentage of Enforceable Violations



0% 100%
Posted Speed Limit: 25 MPH
Enforcement Tolerance: 6 MPH
Enforcement Limit: 32 MPH & Up
Percentage Above Limit: 44.3%
Enforcement Rating: **LOW**





Woodbury City Police Department
Traffic Unit
 220 South Broad Street
 Woodbury, NJ 08096

Site Code: 0000001
 Station ID:
 Elm Avenue
 Fourth Street
 Latitude: 0' 0.0000 South

Volume Sorted By Speed for 02-Oct-24 to 09-Oct-24

Direction: Combined

Speed	Volume
10	2
11	6
12	3
13	4
14	5
15	6
16	16
17	23
18	48
19	83
20	119
21	198
22	333
23	498
24	722
25	1141
26	1776
27	2449
28	3108
29	3632
30	3933
31	3900
32	3800
33	3369
34	2707
35	2222
36	1634
37	1182
38	893
39	592
40	392
41	231
42	159
43	112
44	63
45	65
46	40
47	15
48	14
49	5
50	8
51	8
52	5
53	1
54	1
55	2
56	1
57	1
58	1
59	1
60	0
61	0
62	0
63	1



Woodbury City Police Department
Traffic Unit
220 South Broad Street
Woodbury, NJ 08096

Site Code: 0000001
Station ID:
Elm Avenue
Fourth Street
Latitude: 0' 0.0000 South

Volume Sorted By Speed for 02-Oct-24 to 09-Oct-24

Direction: Westbound

Speed	Volume
10	1
11	3
12	2
13	0
14	0
15	4
16	5
17	10
18	22
19	22
20	54
21	94
22	160
23	213
24	310
25	519
26	840
27	1121
28	1537
29	1788
30	2119
31	2245
32	2300
33	2000
34	1565
35	1213
36	877
37	648
38	453
39	262
40	186
41	92
42	65
43	44
44	23
45	19
46	12
47	5
48	4
49	2
50	5
51	4
52	3
53	1
54	1
55	2
56	1
57	1
58	1
59	1
60	0
61	0
62	0
63	1



Woodbury City Police Department

Traffic Unit

220 South Broad Street
Woodbury, NJ 08096

Site Code: 00000001
Station ID:
Elm Avenue
Fourth Street
Latitude: 0' 0.0000 South

Volume Sorted By Speed for 02-Oct-24 to 09-Oct-24

Direction: Eastbound

Speed	Volume
10	1
11	3
12	1
13	4
14	5
15	2
16	11
17	13
18	26
19	61
20	65
21	104
22	173
23	285
24	412
25	622
26	936
27	1328
28	1571
29	1844
30	1814
31	1655
32	1500
33	1369
34	1142
35	1009
36	757
37	534
38	440
39	330
40	206
41	139
42	94
43	68
44	40
45	46
46	28
47	10
48	10
49	3
50	3
51	4
52	2



Woodbury City Police Department

Traffic Unit

220 South Broad Street
Woodbury, NJ 08096

Best Times for Enforcement

Location:

Elm Avenue

Closest Cross Street:

Fourth Street

Analysis Dates:

Wednesday, October 2, 2024

Wednesday, October 9, 2024

Equipment Used:

JAMAR Covert Radar

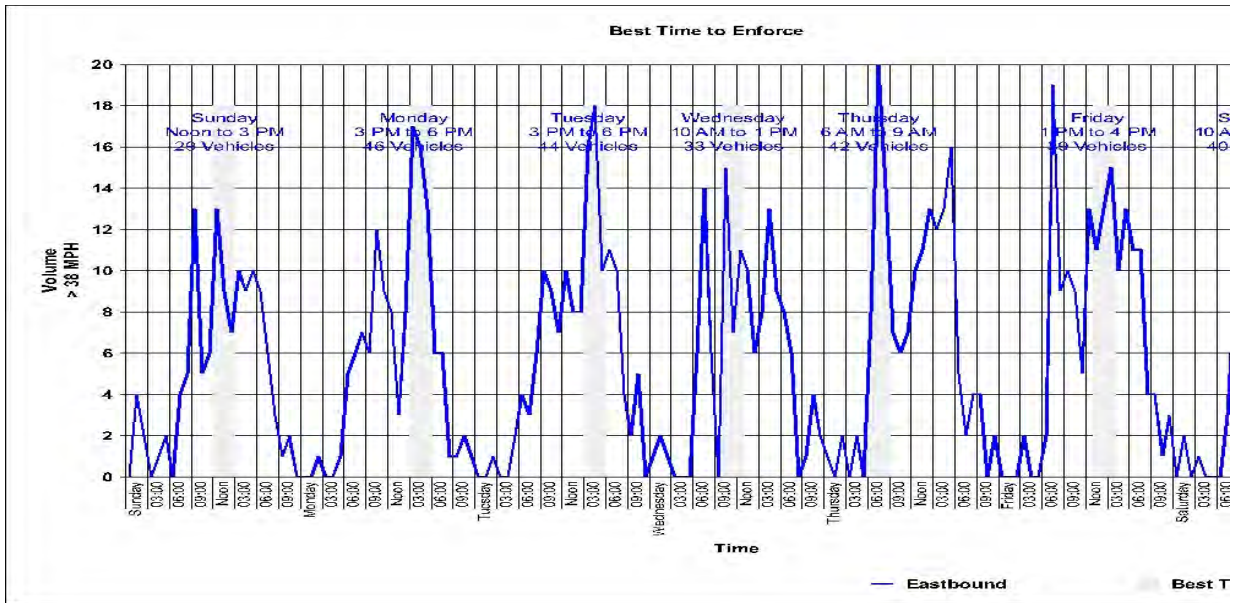
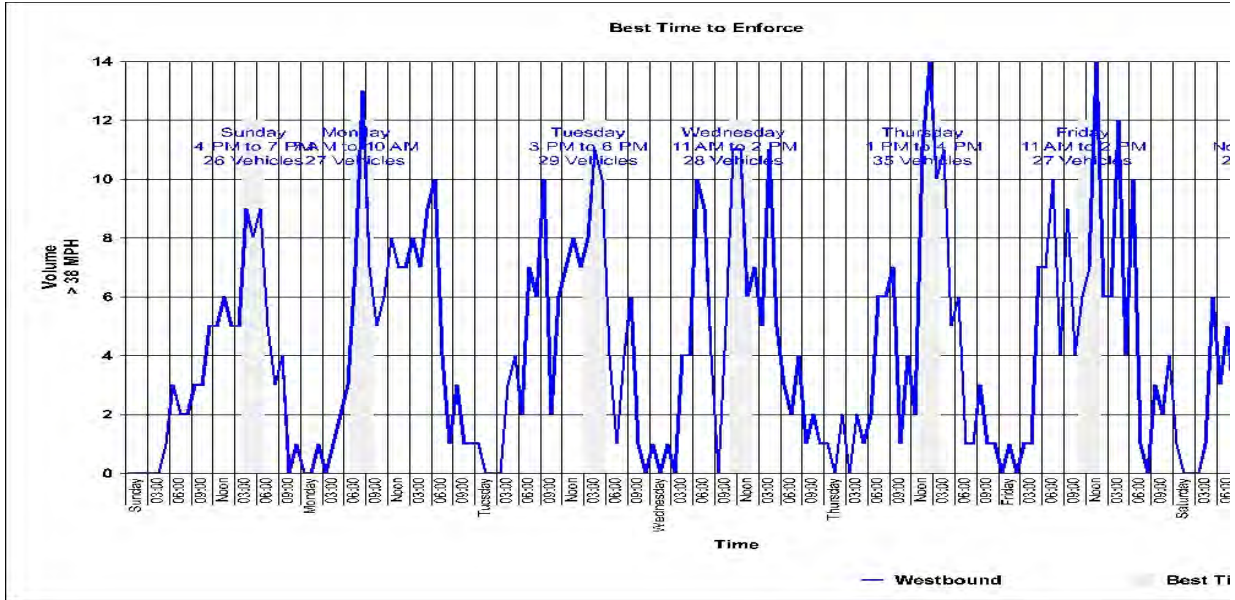
Installed By:

Det. J. Duffy #3100

Sun	Combined: 4 PM to 6 PM Westbound: 4 PM to 6 PM Eastbound: Noon to 2 PM
Mon	Combined: 3 PM to 5 PM Westbound: 7 AM to 9 AM Eastbound: 3 PM to 5 PM
Tue	Combined: 3 PM to 5 PM Westbound: 3 PM to 5 PM Eastbound: 3 PM to 5 PM
Wed	Combined: 10 AM to Noon Westbound: 11 AM to 1 PM Eastbound: 10 AM to Noon
Thu	Combined: 2 PM to 4 PM Westbound: 1 PM to 3 PM Eastbound: 6 AM to 8 AM
Fri	Combined: 1 PM to 3 PM Westbound: 11 AM to 1 PM Eastbound: 1 PM to 3 PM
Sat	Combined: 10 AM to Noon Westbound: Noon to 2 PM Eastbound: 10 AM to Noon

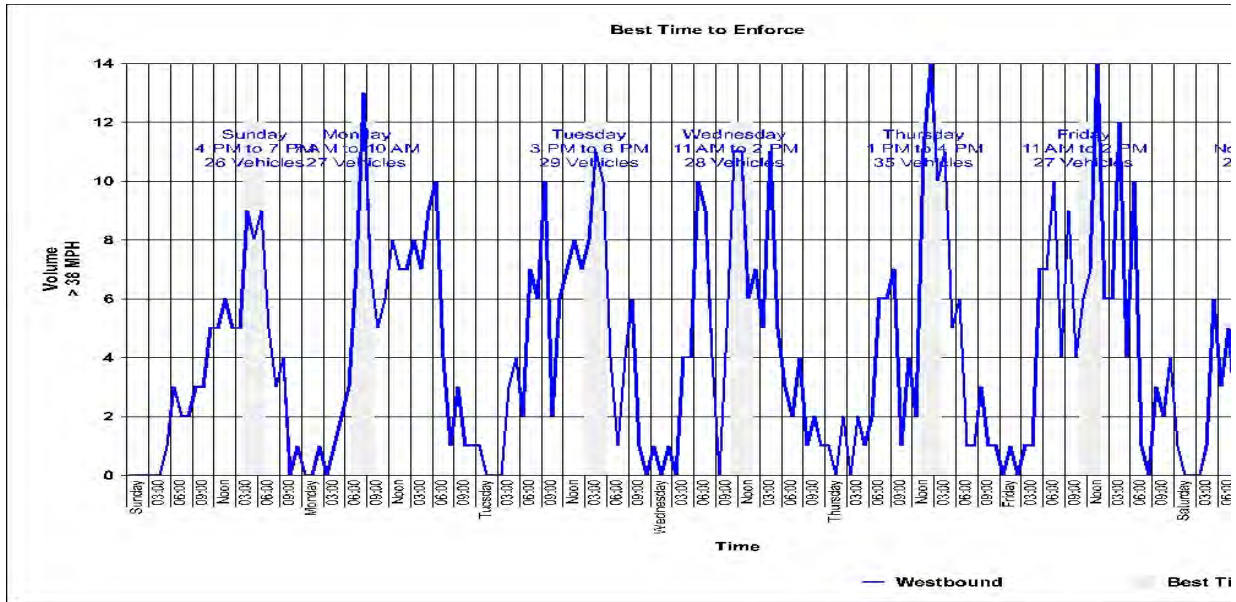


Woodbury City Police Department
Traffic Unit
 220 South Broad Street
 Woodbury, NJ 08096





Woodbury City Police Department
Traffic Unit
 220 South Broad Street
 Woodbury, NJ 08096





Woodbury City Police Department
Traffic Unit
 220 South Broad Street
 Woodbury, NJ 08096

Site Code: 00000001
 Station ID:
 Elm Avenue
 Fourth Street
 Latitude: 0' 0.0000 South

COMBINED

Report for 10/2/2024 10:00:00 AM to 10/9/2024 8:59:59 AM

SPEED STATISTICS - 35 to 95+ by 5 MPH

Speed in MPH	1 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 80	81 - 85	86 - 90	91 - 95	96 - 999
Count	34103	4693	630	82	17	4	1	0	0	0	0	0	0	0
Percent	86.3	11.9	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Over Speed	35	40	45	50	55	60	65	70	75	80	85	90	95	999
Count	5427	734	104	22	5	1	0	0	0	0	0	0	0	0
Percent	13.7	1.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%					
Speed	24	26	27	30	31	31	35	36	38					

Average 31
 (Mean)

Pace Speed 26-35
 Number in 30896
 Pace
 Percent in 78.2
 Pace