

Chapel Hill Police Department

Survey Description

Survey Details

Survey Location	Ridgefield Rd // Hickory Dr	
Survey GPS Coordinates	35.925704, -79.023882	
Survey Dates	Start	Stop
	Monday, 10/21/2019 11:34 AM	Friday, 10/25/2019 6:35 AM
Posted Speed Limit	20 (mph)	
Traffic Zone		
File Name	STALKER_ROADSIDE_LOG_150717_ZZ000000_0xC172@2019-10-25_07-59-23.xml	
Device Type		
Device Serial Number	SNAA000000	
Survey Note	Notes:	

Total Vehicle Count	217	
<i>Traffic Direction</i>	East (Closing)	West (Away)
<i>Vehicle Count</i>	145	72

Survey Map



Chapel Hill Police Department

Survey Summary

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Survey Result

Total Vehicle Count	217			
	Traffic Direction	Closing East	Away West	Combined
	Vehicle Count	145	72	217
Posted Speed Limit	20 (mph)			
<i>Vehicles Under the Speed Limit Count</i>	132	72	204	
<i>Vehicles Under the Speed Limit Percentage</i>	91.03%	100.0%	94.01%	
<i>Vehicles Over the Speed Limit Count</i>	13	0	13	
<i>Vehicles Over the Speed Limit Percentage</i>	8.97%	0	5.99%	
Excessive Speed Threshold	35 (mph)			
<i>Vehicles Over the Excessive Speed Count</i>	0	0	0	
<i>Vehicles Over the Excessive Speed Percentage</i>	0	0	0	
<i>Average Speed Over Limit</i>	22.62 (mph)	0	22.62 (mph)	
Speed Profile				
Average Speed	15.95 (mph)	12.88 (mph)	14.93 (mph)	
Minimum Speed	10 (mph)	10 (mph)	10 (mph)	
Maximum Speed	27 (mph)	16 (mph)	27 (mph)	
85th Percentile Speed	19 (mph)	15 (mph)	18 (mph)	
Standard Deviation	3 (mph)	1 (mph)	3 (mph)	
10 mph Pace	11-20 (mph)	8-17 (mph)	10-19 (mph)	
In Pace Count	117	72	187	
Data Recording Limits				
Highest Speed Allowed	120 (mph)			
Lowest Speed Allowed	10 (mph)			
Minimum Following Time	0 Second(s)			

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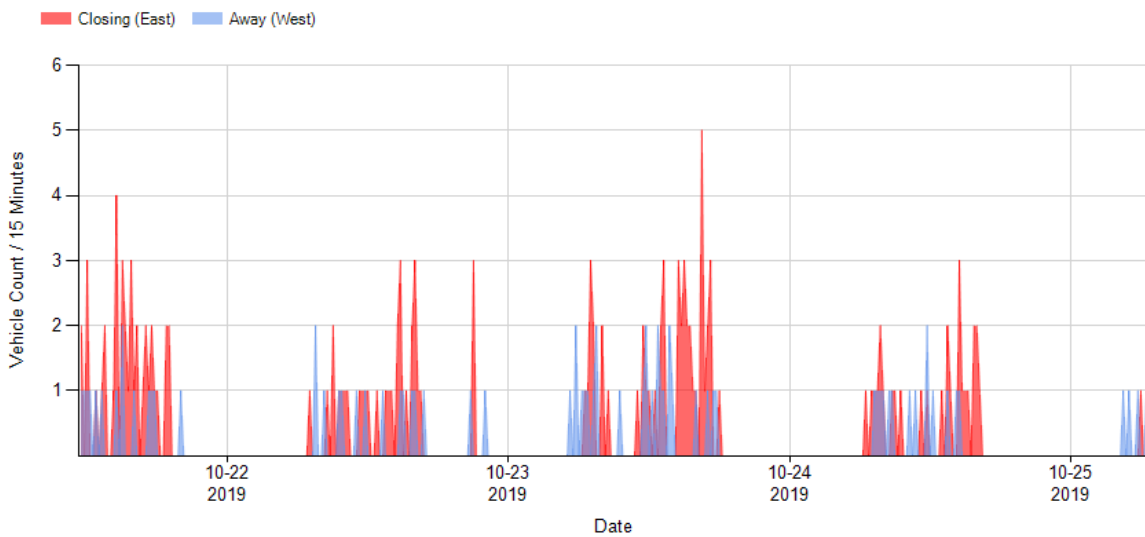
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Count vs Time Chart

Date Range: 2019-10-21 - 2019-10-25

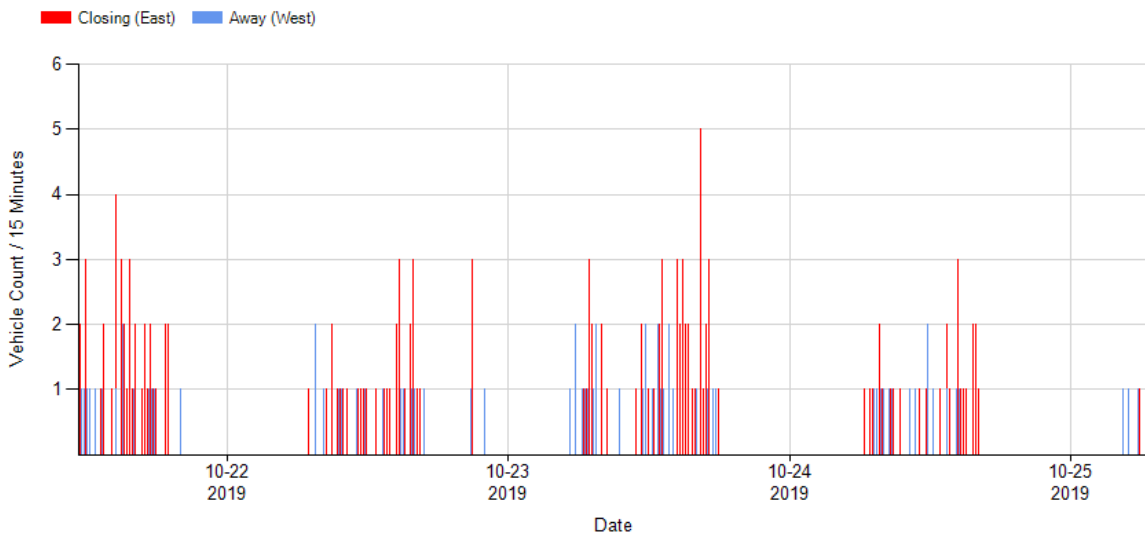
Direction: Both



Count vs Time - Bar Chart

Date Range: 2019-10-21 - 2019-10-25

Direction: Both



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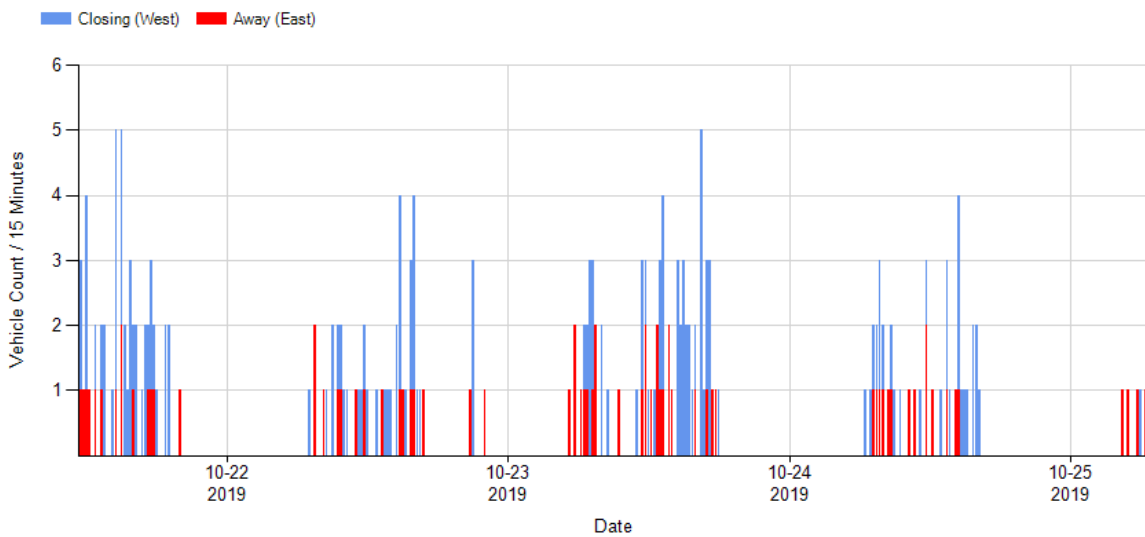
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Count vs Time - StackedBar Chart

Date Range: 2019-10-21 - 2019-10-25

Direction: Both



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Survey Location Ridgefield Rd // Hickory Dr
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Count vs Time Tabular

Date Range: 2019-10-21 - 2019-10-25

Direction: Both

Date Time	Away Count	Closing Count	Total Count	Average Speed	Percentile Speed	Std Deviation	Avg Violator Speed	Peak Speed
2019-10-21 11:00	2	2	4	13	16	2	0	16
2019-10-21 12:00	2	4	6	14	17	2	0	18
2019-10-21 13:00	2	3	5	13	16	1	0	16
2019-10-21 14:00	1	5	6	13	16	2	0	19
2019-10-21 15:00	2	9	11	16	20	3	23	25
2019-10-21 16:00	1	4	5	16	20	1	0	18
2019-10-21 17:00	2	6	8	13	16	2	0	17
2019-10-21 18:00	1	2	3	13	16	2	0	16
2019-10-21 19:00	0	3	3	16	20	0	0	17
2019-10-21 20:00	1	0	1	15	18	0	0	15
2019-10-21 21:00	0	0	0	0	0	0	0	0
2019-10-21 22:00	0	0	0	0	0	0	0	0
2019-10-21 23:00	0	0	0	0	0	0	0	0
2019-10-22 00:00	0	0	0	0	0	0	0	0
2019-10-22 01:00	0	0	0	0	0	0	0	0
2019-10-22 02:00	0	0	0	0	0	0	0	0
2019-10-22 03:00	0	0	0	0	0	0	0	0
2019-10-22 04:00	0	0	0	0	0	0	0	0
2019-10-22 05:00	0	0	0	0	0	0	0	0
2019-10-22 06:00	0	0	0	0	0	0	0	0
2019-10-22 07:00	2	1	3	14	17	2	0	18
2019-10-22 08:00	1	1	2	14	17	2	0	17
2019-10-22 09:00	2	4	6	15	18	3	22	22
2019-10-22 10:00	0	2	2	16	20	3	0	20
2019-10-22 11:00	2	3	5	15	18	4	23	23
2019-10-22 12:00	0	2	2	16	20	0	0	17
2019-10-22 13:00	1	2	3	16	20	4	0	20
2019-10-22 14:00	0	5	5	14	17	4	21	21
2019-10-22 15:00	2	4	6	16	20	4	23	23
2019-10-22 16:00	2	5	7	15	18	1	0	18

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Date Time	Away Count	Closing Count	Total Count	Average Speed	Percentile Speed	Std Deviation	Avg Violator Speed	Peak Speed
2019-10-22 17:00	1	0	1	16	20	0	0	16
2019-10-22 18:00	0	0	0	0	0	0	0	0
2019-10-22 19:00	0	0	0	0	0	0	0	0
2019-10-22 20:00	1	0	1	11	13	0	0	11
2019-10-22 21:00	0	3	3	16	20	3	21	21
2019-10-22 22:00	1	0	1	12	15	0	0	12
2019-10-22 23:00	0	0	0	0	0	0	0	0
2019-10-23 00:00	0	0	0	0	0	0	0	0
2019-10-23 01:00	0	0	0	0	0	0	0	0
2019-10-23 02:00	0	0	0	0	0	0	0	0
2019-10-23 03:00	0	0	0	0	0	0	0	0
2019-10-23 04:00	0	0	0	0	0	0	0	0
2019-10-23 05:00	3	0	3	13	16	0	0	14
2019-10-23 06:00	3	1	4	13	16	1	0	16
2019-10-23 07:00	3	6	9	15	18	2	0	20
2019-10-23 08:00	0	3	3	14	17	2	0	17
2019-10-23 09:00	1	0	1	15	18	0	0	15
2019-10-23 10:00	0	0	0	0	0	0	0	0
2019-10-23 11:00	3	4	7	16	20	4	27	27
2019-10-23 12:00	3	2	5	15	18	2	0	18
2019-10-23 13:00	4	5	9	13	16	3	0	19
2019-10-23 14:00	1	5	6	13	16	2	0	19
2019-10-23 15:00	0	8	8	16	20	2	21	21
2019-10-23 16:00	1	7	8	15	18	2	0	19
2019-10-23 17:00	3	5	8	15	18	4	22	24
2019-10-23 18:00	0	1	1	15	18	0	0	15
2019-10-23 19:00	0	0	0	0	0	0	0	0
2019-10-23 20:00	0	0	0	0	0	0	0	0
2019-10-23 21:00	0	0	0	0	0	0	0	0
2019-10-23 22:00	0	0	0	0	0	0	0	0
2019-10-23 23:00	0	0	0	0	0	0	0	0
2019-10-24 00:00	0	0	0	0	0	0	0	0
2019-10-24 01:00	0	0	0	0	0	0	0	0
2019-10-24 02:00	0	0	0	0	0	0	0	0
2019-10-24 03:00	0	0	0	0	0	0	0	0
2019-10-24 04:00	0	0	0	0	0	0	0	0
2019-10-24 05:00	0	0	0	0	0	0	0	0
2019-10-24 06:00	0	1	1	16	20	0	0	16
2019-10-24 07:00	2	4	6	11	13	1	0	13
2019-10-24 08:00	4	3	7	14	17	2	0	18
2019-10-24 09:00	0	2	2	15	18	1	0	17

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Date Time	Away Count	Closing Count	Total Count	Average Speed	Percentile Speed	Std Deviation	Avg Violator Speed	Peak Speed
2019-10-24 10:00	2	0	2	14	17	0	0	14
2019-10-24 11:00	2	2	4	14	17	4	22	22
2019-10-24 12:00	1	0	1	15	18	0	0	15
2019-10-24 13:00	1	4	5	16	20	4	23	23
2019-10-24 14:00	2	3	5	13	16	2	0	16
2019-10-24 15:00	0	4	4	14	17	3	0	20
2019-10-24 16:00	0	4	4	14	17	1	0	16
2019-10-24 17:00	0	0	0	0	0	0	0	0
2019-10-24 18:00	0	0	0	0	0	0	0	0
2019-10-24 19:00	0	0	0	0	0	0	0	0
2019-10-24 20:00	0	0	0	0	0	0	0	0
2019-10-24 21:00	0	0	0	0	0	0	0	0
2019-10-24 22:00	0	0	0	0	0	0	0	0
2019-10-24 23:00	0	0	0	0	0	0	0	0
2019-10-25 00:00	0	0	0	0	0	0	0	0
2019-10-25 01:00	0	0	0	0	0	0	0	0
2019-10-25 02:00	0	0	0	0	0	0	0	0
2019-10-25 03:00	0	0	0	0	0	0	0	0
2019-10-25 04:00	1	0	1	14	17	0	0	14
2019-10-25 05:00	2	0	2	13	16	0	0	13
2019-10-25 06:00	1	1	2	15	18	1	0	17

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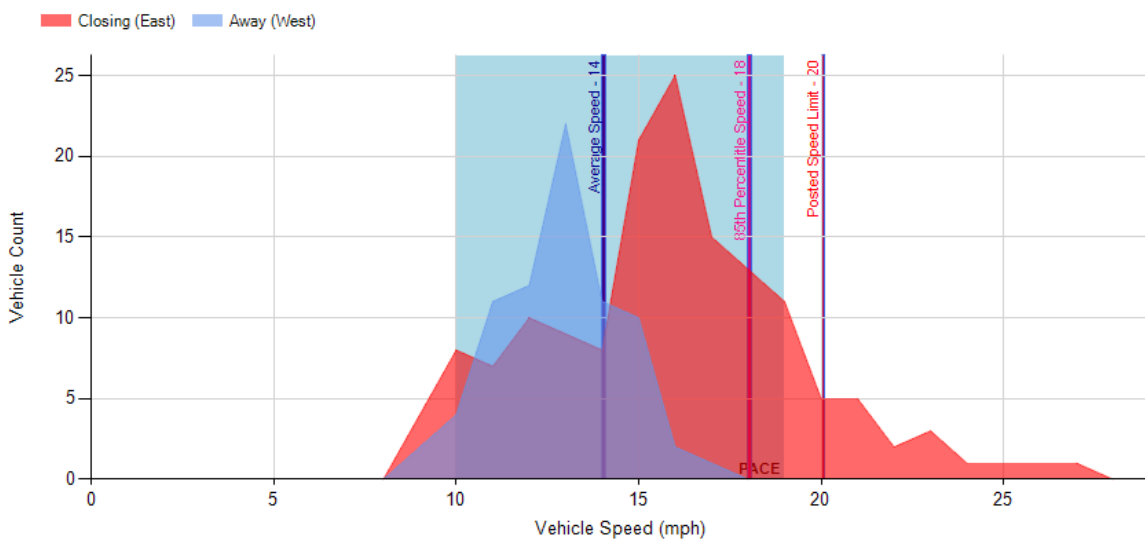
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Traffic Zone

Count vs Speed Chart

Date Range: 2019-10-21 - 2019-10-25

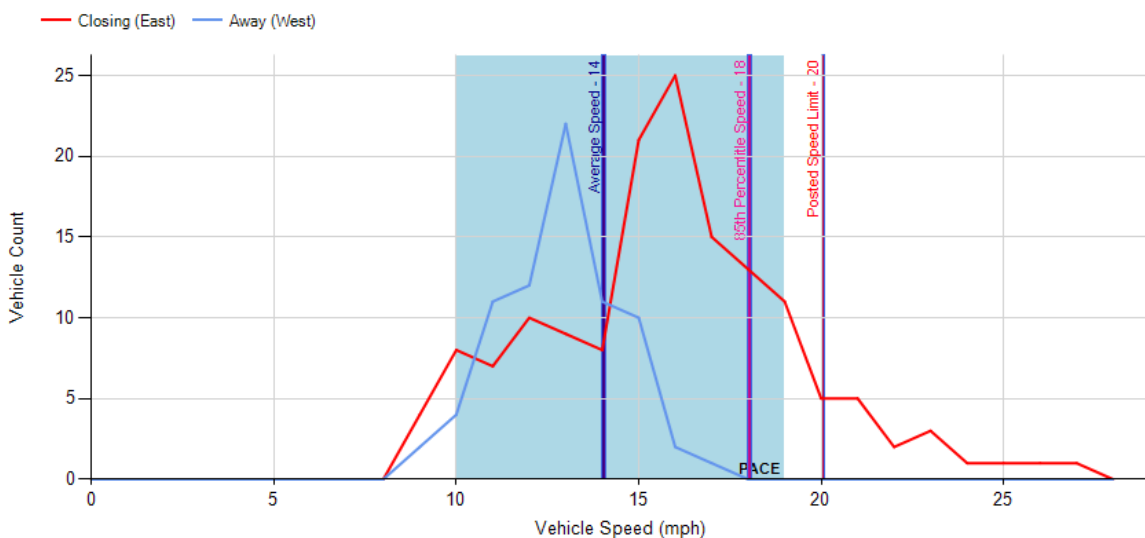
Direction: Both



Count vs Speed - Line Chart

Date Range: 2019-10-21 - 2019-10-25

Direction: Both



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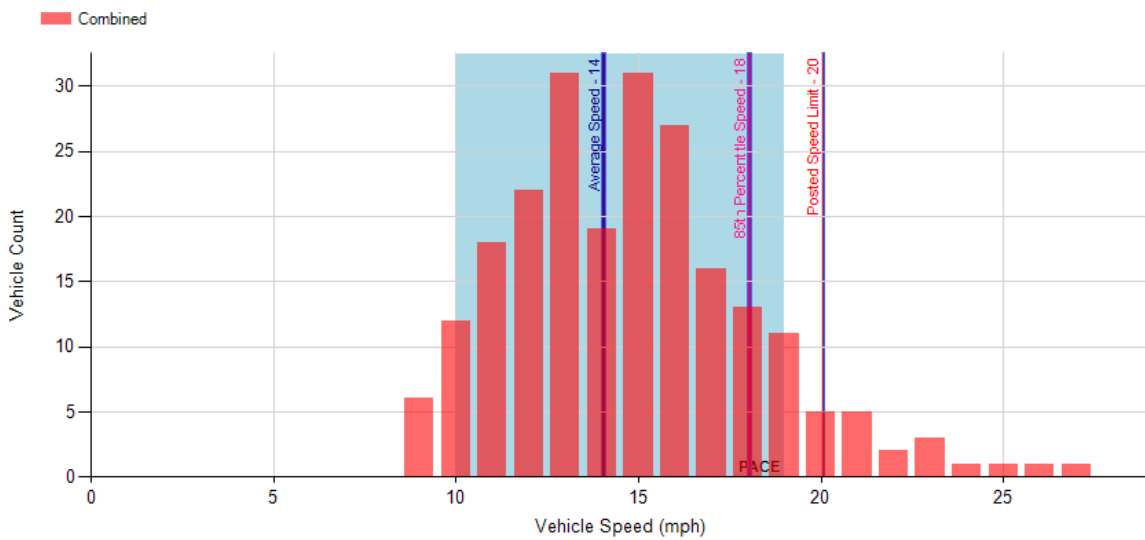
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Count vs Speed - StackedBar Chart

Date Range: 2019-10-21 - 2019-10-25

Direction: Both



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Speed - Volume Matrix

Date Range: 2019-10-21 - 2019-10-25

Direction: Both

Date Span	Total	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86+
00:00 - 00:59	0																	
01:00 - 01:59	0																	
02:00 - 02:59	0																	
03:00 - 03:59	0																	
04:00 - 04:59	1		1															
05:00 - 05:59	5		5															
06:00 - 06:59	7		4	3														
07:00 - 07:59	18	2	12	4														
08:00 - 08:59	12	1	8	3														
09:00 - 09:59	9		6	2	1													
10:00 - 10:59	4		3	1														
11:00 - 11:59	20	2	11	4	2	1												
12:00 - 12:59	14		7	7														
13:00 - 13:59	22	2	13	6	1													
14:00 - 14:59	22	4	10	7	1													
15:00 - 15:59	29	1	12	12	4													
16:00 - 16:59	24		11	13														
17:00 - 17:59	17		11	4	2													
18:00 - 18:59	4		3	1														
19:00 - 19:59	3			3														
20:00 - 20:59	2		2															
21:00 - 21:59	3		1	1	1													
22:00 - 22:59	1		1															
23:00 - 23:59	0																	

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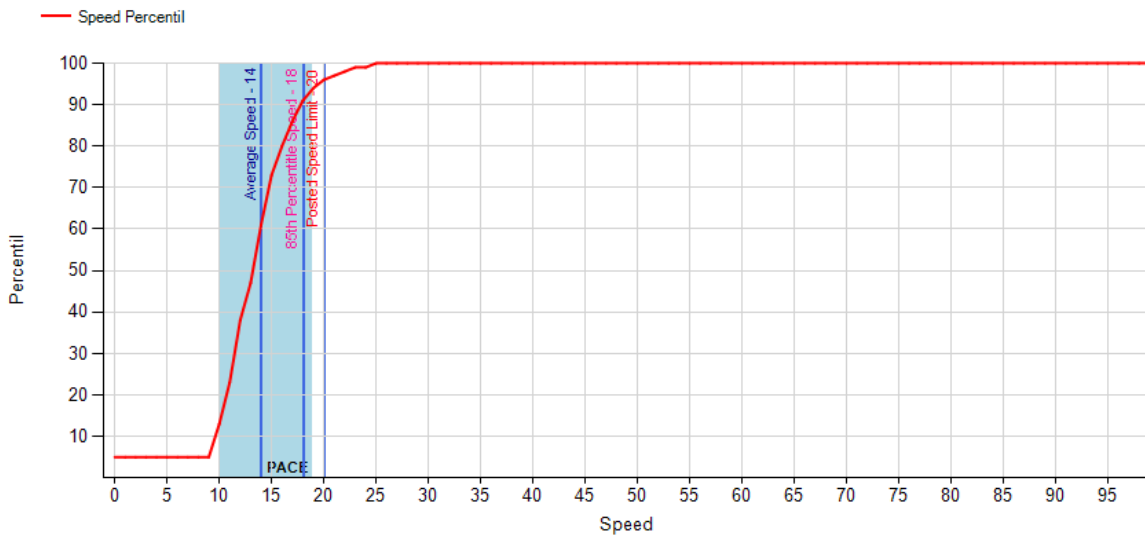
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Speed Percentile Chart

Date Range: 2019-10-21 - 2019-10-25

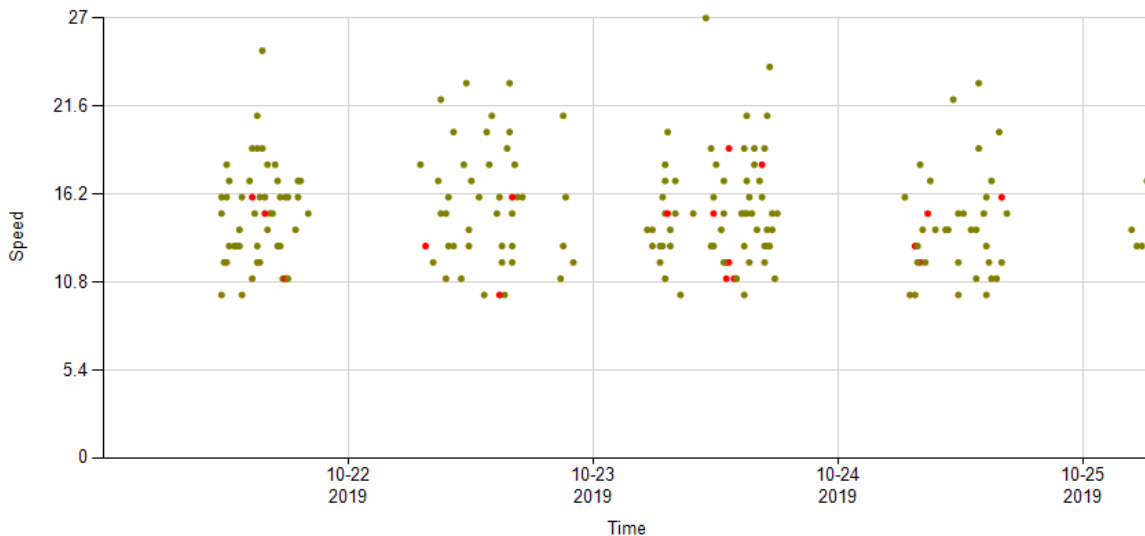
Direction: Both



Speed vs Time Bubble Chart Chart

Date Range: 2019-10-21 - 2019-10-25

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Percentile Tabular

Date Range: 2019-10-21 - 2019-10-25

Direction: Both

Percentile	Speed	Accumulated Total
5.5	10	12
13.8	11	30
24.0	12	52
38.2	13	83
47.0	14	102
61.3	15	133
73.7	16	160
80.6	17	175
86.6	18	188
91.7	19	199
94.0	20	204
96.3	21	209
97.2	22	211
98.6	23	214
99.1	24	215
99.5	25	216
100.0	27	217

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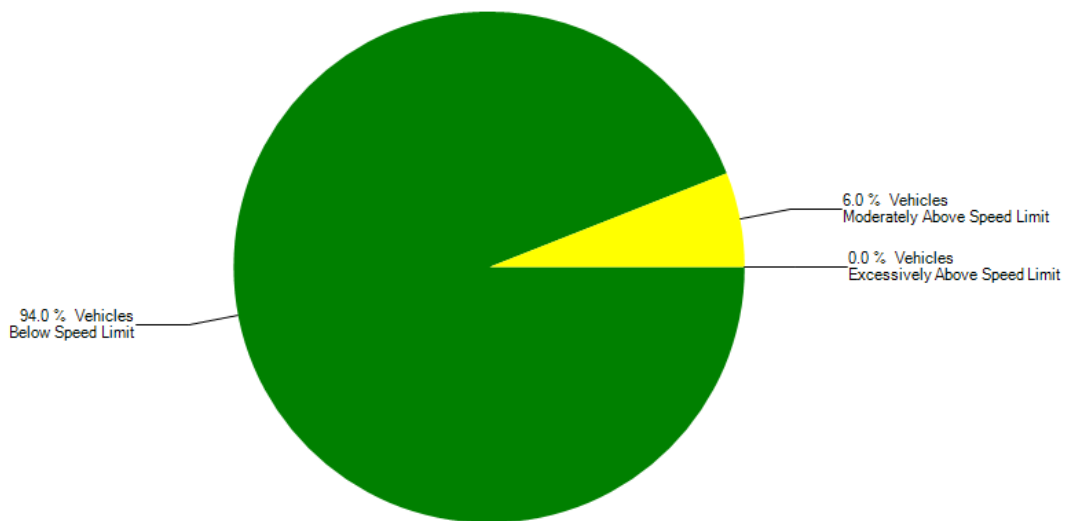
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Speed Pie Chart

Date Range: 2019-10-21 - 2019-10-25

Direction: Both



	Traffic Direction	Closing	Away	Combined
Posted Speed Limit				20 (mph)
<i>Vehicles Under the Speed Limit Count</i>		132	72	204
<i>Vehicles Under the Speed Limit Percentage</i>		91.03%	100.0%	94.01%
<i>Vehicles Over the Speed Limit Count</i>		13	0	13
<i>Vehicles Over the Speed Limit Percentage</i>		8.97%	0	5.99%
Excessive Speed Threshold				35 (mph)
<i>Vehicles Over the Excessive Speed Count</i>		0	0	0
<i>Vehicles Over the Excessive Speed Percentage</i>		0	0	0
<i>Average Speed Over Limit</i>		22.62 (mph)	0	22.62 (mph)