



## SPEED DATA ANALYSIS

### Location



Latitude: 42.565000  
Longitude: -70.792001

### Analysis Time Period



Start	End
12/2/2021 11:12 AM	12/7/2021 2:19 PM



### Vehicles Analyzed



168

### Speed Limit



25

### Total Enforceable Violations



0

### Enforcement Tolerance



10

### % Enforceable Violations



0%

### Average Speed



15

### Enforcement Rating

LOW

### 85th Percentile Speed



20

Manchester-by-the-Sea Police Department  
 10 Central Street  
 Manchester-by-the-Sea, MA 01944



Latitude: 42.565000  
 Longitude: -70.792001

Site Code: 00000005  
 Station ID:  
 Location 1:  
 Start Date:  
 End Date:

Combined Lanes 12/2/2021 to 12/7/2021

**Peak Analysis**

Classes Excluded From Peaks: None

Date	AM Peak	Hour Volume	Highest Interval Time	Highest Interval Volume	Peak Hour Factor	Pm Peak	Hour Volume	Highest Interval Time	Highest Interval Volume	Peak Hour Factor
12/2/2021	10:14 AM	2	10:58 AM	1	0.50	12:47 PM	9	1:08 PM	5	0.45
12/3/2021	10:29 AM	8	10:29 AM	3	0.67	2:05 PM	8	2:49 PM	3	0.67
12/4/2021	9:41 AM	2	9:48 AM	1	0.50	12:00 PM	5	12:02 PM	3	0.42
12/5/2021	9:32 AM	4	9:32 AM	1	1.00	4:13 PM	5	4:13 PM	2	0.63
12/6/2021	10:32 AM	10	10:32 AM	5	0.50	12:07 PM	9	12:29 PM	3	0.75
12/7/2021	10:51 AM	9	10:54 AM	4	0.56	12:00 PM	4	12:00 PM	2	0.50

**Pace Speed - MPH**

Classes Excluded From Pace: None

Speed	Number	Percent
11 - 20	133	78.69823%

**Percentile Speeds**

Percentile	5th	10th	15th	20th	25th	30th	35th	40th	45th	50th	55th	60th	65th	70th	75th	80th	85th	90th	95th	100th
Speed - MPH	8.9	9.9	10.9	11.9	12.9	12.9	13.9	13.9	13.9	14.9	14.9	15.9	15.9	16.9	17.9	18.9	19.9	20.9	21.9	25.9

**Vehicles Traveling Greater Than 50.0 MPH**

Total Volume	169
Total Greater Than 50.0	0
Percent Greater Than 50.0	0.0%

**Mean, Median, and Mode Averages**

Mean:	15.3
Median (50th %):	14.9
Mode:	14.0



**Manchester-by-the-Sea Police Department  
10 Central Street  
Manchester-by-the-Sea, MA 01944**

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**Averaged Daily Totals**

Combined	<= 2	>2 to 4	>4 to 6	>6 to 8	>8 to 10	>10 to 12	>12 to 14	>14 to 16	>16 to 18	>18 to 20	>20 to 22	>22 to 24	>24 to 26	> 26	Total
Sunday	0	0	0	0	0	2	5	2	3	5	2	0	0	0	19
Monday	0	0	0	4	2	2	12	7	4	2	1	0	2	0	36
Tuesday	0	0	0	0	4	5	4	5	4	3	1	1	0	0	27
Wednesday	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thursday	0	0	0	4	0	7	8	3	0	0	0	0	1	0	23
Friday	0	0	0	0	4	2	9	9	4	9	4	1	0	0	42
Saturday	0	0	0	0	1	1	4	5	2	5	3	0	1	0	22
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>11</b>	<b>19</b>	<b>42</b>	<b>31</b>	<b>17</b>	<b>24</b>	<b>11</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>169</b>